2013



CONDENSED CATALOG COMMERCIAL PRODUCTS









Effective: June 2013
Copyright 2013 International Comfort Products
Lewisburg, TN USA

401 14 2205 13B

MODEL NOMENCLATURE COMMERCIAL

NOTES

MODE	L NUMB	ER ID	ENTIF	ICATI	ON G	UIDE				
DIGIT POSITION	1	2	3	4	5,6	7,8,9	10	11,12	13	14
	Р	G	S	3	36	060	K	GS	0	С
P = Package	UNIT									
A = Air Conditioner										
H = Heat Pump										
D = Dual Fuel										
G = Gas/Electric		TYPE								
D = Standard			,							
S = Mainline with SS HX			TIER							
3 = 13				!						
4 = 14										
5 = 15				SEER						
24 = 24,000 BTUH = 2 Tons					•					
30 = 30,000 BTUH = 2.5 Tons										
36 = 36,000 BTUH = 3 Tons										
42 = 42,000 BTUH = 3.5 Tons										
48 = 48,000 BTUH = 4 Tons										
60 = 60,000 BTUH = 5 Tons		NOMIN	AL CO	OLING	BTUH					
000 = N/A						•				
040 = 40,000										
060 = 60,000										
090 = 90,000										
115 = 115,000										
120 = 120,000										
130 = 130,000	I	NOMIN	AL HEA	TING E	BTUH (i	input)*				
K = 208/230-1-60							•			
H = 208/230-3-60										
L = 460-3-60						VOL	TAGE			
00 = No Options								-		
GS = Stainless-Steel Heat Exchanger *										
TP = Tin Plated Evap Main Tubes**										
GP = Tin Plated Evap Main Tubes plus	Stainless	Steel		FACT	TORY II	NSTALL	ED OF	PTIONS		
Heat Exchanger *										
0 = Standard										
1 = Low NOx *							FE	ATURE	CODE	
Sales Model Digit	-	-		-		-			-	-

^{*} Gas/electric or Dual Fuel models only

^{**} AC and HP models only

COMMERCIAL PACKAGE UNITS 3-12.5 Ton (HIGH EFFICIENCY)

	MODE	L NU	JMBE	R IDE	NTIF	ICAT	ION C	GUIDI						
										10	11	12	13	14
	J ••	ч					••					^	^	_ ^
•	Tyma	J												
	туре		J											
H = High Efficiency		Effic	iency											
			•											
			•		-									
			•		-									
DIGIT POSITION														
090 = 7.5 Ions (Dual Compressor)		NI	ominal	Coolii	na Con	ooit.								
				Coolii	ng Cap	acity	J							
H = 208/230-3-60	S = 5	75–3–	60			Vo	Itage]						
D = Low Heat	L = Lo	ow Hea	at, Low	NOx*										
	M = N	/ledium	n Heat,	Low N	Ox*									
-		•	eat, Lov	v NOx	t									
	•													
		-												
			(0											
	ing Ca	pacity	(See s	spec s	neet to	r actu	aı capa	acity)]					
	٥)													
	e)													
. ,														
. ,	Belt Dr	ive)												
			rive)				М	otor O	ption					
		`							•	J				
B = Economizer w/Bara-relief, OA Ten	np sens	sor												
E = Economizer w/Bara-relief + CO2 S	Sensor,	OA Te	emp se	nsor										
H = Economizer w/Bara-relief, enthalp	y sens	or			No m	ore fac	ctory ii	nstalle	d					
				sor	econ	omizei	s for s	single	phase					
The state of the s														
	zer w/E	Bara-r	elief											
P = 2-Position damper w/Baro-relief	ο.	.4.4	A : O		/ Camb	I (C-			. fa., ala	!\				
N. N. O. II	Οl	iluoor	Air U	JUONS	Conti	OI (26	e spec	Sneet	ior de	ians)	J			
•														
AA = Easy Access Hillyeu Panels			Facto	orv Ine	talled	Option	s (Not	avails	ble or	1 nhs	se ma	dele)		
A Aluminum / Connex Cond 9 Alumi	Conna:	Ever		-, , ,,,,		- P1.01	.5 (1101			p c	.55 1110	4010/	J	
A = Aluminum / Copper Cond & Alum/C B = Pre-coat Alum/Copper Cond & Alu		-		Dhaca	only)									
C = E-Coated Alum/Copper Cond & Alt C = E-Coated Alum/Copper Cond & A					- ,									
0 - L-Coaled Aldin/Copper Corld & A	iuiii / O	oppei	_vap (o i nas	o orny)		Conde	nser /	Evapo	rator (Coil Co	onfiau	ration	
A = Standard Motor											•	9-1		J
A = Standard Motor T = 2 Speed Indoor Fan VFD Controlle	er (For	2_ctar	ne unita	s only)								/later 7	Гуре О	ntio
RGH 3 to 5 ton models only	51 (1 01	<u></u> 3.a(je urnis	, orny)									Abe O	Puoi

^{*} RGH 3 to 5 ton models only

Note: On single phase (K voltage code) models, the following are not available as factory installed options:

⁻ Coated or copper fin coils

⁻ Economizers or 2 position dampers

⁻ Hot Gas Re-heat

COMMERCIAL PACKAGE UNITS 3–15 Ton (Standard Efficiency)

	MODEL	. NUM	IBER	IDEN	NTIFIC	CATIC	ON G	UIDE		-				
DIGIT POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	1.
MODEL SERIES	R	G	S	0	9	1	H	D	A	A	0	Α	Α	-
R = Rooftop		_		•		•	••							_
·		J												
A = Air Conditioning (Cooling Only)														
H = Heat Pump														
G = Gas/Electric		Type												
S = Standard ASHRAE 90.1-2010 Effici	ency	Effici	iency]										
036 = 3 Tons														
048 = 4 Tons														
060 = 5 Tons	090 =	7.5 To	ทร (Dเ	ıal Cor	npress	or)								
072 = 6 Tons	102=	8.5 To	ns (Du	al Con	npresso	or)								
091 = 7.5 Tons (Single Compressor)	120 =	: 10 Toı	ns (Du	al Con	npresso	or)								
101 = 8.5 Tons (Single Compressor)	150 =	12.5 T	ons (E	oual Co	ompres	sor)								
121 = 10 Tons (Single Compressor)	180 =	15 Ton	s (Dua	al Com	presso	r)								
		No	minal	Cooli	ng Cap	acity								
K = 208/230-1-60														
H = 208/230-3-60														
L = 460-3-60														
S = 575–3–60						Vo	ltage							
D = Low Heat	1 = 1	ow Hea	at. Low	NOx				ı						
E = Medium Heat		/ledium			Юx									
F = High Heat		ligh He												
S = Low Heat, Stainless Steel Heat Excl			,											
R = Medium Heat, Stainless Steel Heat	•	er												
T = High Heat, Stainless Steel Heat Exc	•					Heati	ng Ca	pacity						
A = Standard Motor (3 - 15 Ton)									,					
C = Medium Static Motor (3 – 15 Ton)														
B = High Static Motor (3-12.5 ton 3 phase	se model	s only)												
E = High Static Motor , High Efficiency M	lotor (15	ton only	y)											
G = High Static Motor with Hot Gas Re-	Heat (3 to	15 tor	ո, 1 sp	eed m	otors)									
					M	otor O	ption	(Indoor	Fan)					
A = None														
B = Economizer w/Bara-relief, OA Temp		_												
E = Economizer w/Bara_relief + CO2 Se		remp	senso	Γ										
H = Economizer w/Bara-relief, enthalpy L = Economizer w/Bara-relief + CO2 Se		halou c	ancor											
U = Temp Ultra Low Leak Economizer w				ed fan	motor	only)								
W = Enthalpy Ultra Low Leak Economize		•	-				lv)							
P = 2-Position damper	or w, bare	101101	(1 01 2	оросо			-,	Options	s / Cor	ntrol ¹				
OA = No Options								-			J	I		
AT = Non-powered 115v C.O.														
4B = Non-Fused Disconnect														
BR = Supply Air Smoke Detector														
AA = Easy Access Hinged Panels								Fa	actory	Instal	led Op	tions		
A = Aluminum / Copper Cond & Evap Co	oil										<u> </u>		J	
B = Precoat Alum/Copper Cond with Alu		er Eva	p (3 pł	nase o	nly)									
C = E-Coated Alum/Copper Cond with A														
D = E-Coated Alum / Copper Cond & Ev					- 3 /									
E = Copper/Copper Cond & Alum/Copp)										
F = Copper/Copper Cond & Evap (3 pha	-		J ,	•		(Conde	nser / E	Evapo	rator C	Coil Co	nfigur	ation	
A = Standard Motor									-					
T = 2 Speed Indoor Motor VFD Controll	or (For 2	_etene	unite o	nlv)							n	/lotor 1	īvne ∩	ntic
NOTE: Factory installed options are NOT available.					ie inclu	doc ooo	nomizo	re and ?	pocitio	n damn		וטנטו	ype O	huc

NOTE: Factory installed options are NOT available on single phase models. This includes economizers and 2 position dampers.

¹ A combinations of FIOPS are available.

COMMERCIAL PACKAGE UNITS 15–25 Ton (HIGH EFFICIENCY)

DIGIT POSITION	CATION	GUII	DE					_					
R = Rooftop G = Gas/Electric H = High Efficiency B1 = 181,000 = 15 Tons (2 stage cooling) Vertical SA/RA 183 = 180,000 = 15 Tons (2 stage cooling) Horizontal SA/RA 183 = 180,000 = 17.5 Tons (2 stage cooling) Vertical SA/RA 210 = 210,000 = 17.5 Tons (2 stage cooling) Horizontal SA/RA 213 = 210,000 = 17.5 Tons (2 stage cooling) Horizontal SA/RA 240 = 240,000 = 20 Tons (2 stage cooling) Horizontal SA/RA 243 = 240,000 = 20 Tons (2 stage cooling) Horizontal SA/RA 233 = 300,000 = 25 Tons (2 stage cooling) Vertical SA/RA 303 = 300,000 = 25 Tons (2 stage cooling) Horizontal SA/RA 303 = 300,000 = 25 Tons (2 stage cooling) Horizontal SA/RA (SA = Supply Air, RA = Return Air) Nominal Cooling Capac H = 208/230-3-60 L = 460-3-60 S = 575-3-60 D = Low Heat, Aluminum Hx E = Medium Heat, Stainless Steel Heat Exchanger R = Medium Heat, Stainless Steel Heat Exchanger T = High Heat, Stainless Steel Heat Exchanger Heat Standard Motor/Drive C = Medium Static Motor/Drive B = High Static Motor/Drive B = High Static Motor/Drive with Hot Gas Re-Heat F = 2 Speed High Static Motor/Drive with Hot Gas Re-Heat A = None B = Temp Economizer w/Bara-relief E = Temp Economizer w/Bara-relief E = Temp Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief C = Position damper Ou OA = No Options 4B = Non-fused Disconnect Switch AT = Un-powered Convenience Outlet BR = Supply Air Smoke Detector	7	8	9	10	11	12	13	I					
G = Gas/Electric Type H = High Efficiency Efficiency 181 = 181,000 = 15 Tons (2 stage cooling) Vertical SA/RA 183 = 180,000 = 17.5 Tons (2 stage cooling) Vertical SA/RA 210 = 210,000 = 17.5 Tons (2 stage cooling) Vertical SA/RA 213 = 210,000 = 17.5 Tons (2 stage cooling) Vertical SA/RA 2140 = 240,000 = 20 Tons (2 stage cooling) Vertical SA/RA 240 = 240,000 = 20 Tons (2 stage cooling) Vertical SA/RA 243 = 240,000 = 25 Tons (2 stage cooling) Vertical SA/RA 300 = 300,000 = 25 Tons (2 stage cooling) Vertical SA/RA 303 = 300,000 = 25 Tons (2 stage cooling) Horizontal SA/RA 303 = 300,000 = 25 Tons (2 stage cooling) Horizontal SA/RA 303 = 300,000 = 25 Tons (2 stage cooling) Horizontal SA/RA 304 = Supply Air, RA = Return Air) Nominal Cooling Capace H = 208/230-3-60 L = 460-3-60 S = 575-3-60 D = Low Heat, Aluminum Hx E = Medium Heat, Aluminum Hx S = Low Heat, Stainless Steel Heat Exchanger R = Medium Heat, Stainless Steel Heat Exchanger Heat Exchanger Heat Exchanger A = Standard Motor/Drive B = High Heat, Stainless Steel Heat Exchanger G = Single Speed High Static Motor/Drive with Hot Gas Re-Heat F = 2 Speed High Static Motor/Drive with Hot Gas Re-Heat A = None B = Temp Economizer w/Bara-relief E = Temp Economizer w/Bara-relief E = Temp Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief P = 2-Position damper Ou Ou = No Options 4B = Non-fused Disconnect Switch AT = Un-powered Convenience Outlet BR = Supply Air Smoke Detector	Н	D	Α	В	0	Α	Α	t					
H = High Efficiency Bfficiency 181 = 181,000 = 15 Tons (2 stage cooling) Vertical SA/RA 183 = 180,000 = 15 Tons (2 stage cooling) Horizontal SA/RA 210 = 210,000 = 17.5 Tons (2 stage cooling) Vertical SA/RA 213 = 210,000 = 17.5 Tons (2 stage cooling) Vertical SA/RA 240 = 240,000 = 20 Tons (2 stage cooling) Horizontal SA/RA 243 = 240,000 = 20 Tons (2 stage cooling) Horizontal SA/RA 243 = 240,000 = 25 Tons (2 stage cooling) Horizontal SA/RA 300 = 300,000 = 25 Tons (2 stage cooling) Horizontal SA/RA 303 = 300,000 = 25 Tons (2 stage cooling) Horizontal SA/RA (SA = Supply Air, RA = Return Air) Nominal Cooling Capac H = 208/230-3-60 L = 460-3-60 S = 575-3-60 D = Low Heat, Aluminum Hx E = Medium Heat, Aluminum Hx E = High Heat, Stainless Steel Heat Exchanger R = Medium Heat, Stainless Steel Heat Exchanger T = High Heat, Stainless Steel Heat Exchanger Heat A = Standard Motor/Drive C = Medium Static Motor/Drive B = High Static Motor/Drive G = Single Speed High Static Motor/Drive with Hot Gas Re-Heat F = 2 Speed High Static Motor/Drive with Hot Gas Re-Heat F = 2 Speed High Static Motor/Drive with Hot Gas Re-Heat H = Enthalpy Economizer w/Bara-relief E = Temp Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief P = 2-Position damper Ou OA = No Options 4B = Non-fused Disconnect Switch AT = Un-powered Convenience Outlet BR = Supply Air Smoke Detector													
181 = 181,000 = 15 Tons (2 stage cooling) Vertical SA/RA 183 = 180,000 = 15 Tons (2 stage cooling) Horizontal SA/RA 210 = 210,000 = 17.5 Tons (2 stage cooling) Vertical SA/RA 211 = 210,000 = 17.5 Tons (2 stage cooling) Vertical SA/RA 212 = 210,000 = 17.5 Tons (2 stage cooling) Vertical SA/RA 240 = 240,000 = 20 Tons (2 stage cooling) Horizontal SA/RA 243 = 240,000 = 20 Tons (2 stage cooling) Horizontal SA/RA 300 = 300,000 = 25 Tons (2 stage cooling) Vertical SA/RA 303 = 300,000 = 25 Tons (2 stage cooling) Horizontal SA/RA 303 = 300,000 = 25 Tons (2 stage cooling) Horizontal SA/RA (SA = Supply Air, RA = Return Air) Nominal Cooling Capac H = 208/230-3-60 L = 460-3-60 S = 575-3-60 D = Low Heat, Aluminum Hx E = Medium Heat, Aluminum Hx S = Low Heat, Stainless Steel Heat Exchanger R = Medium Heat, Stainless Steel Heat Exchanger T = High Heat, Stainless Steel Heat Exchanger Heat = Standard Motor/Drive C = Medium Static Motor/Drive B = High Static Motor/Drive G = Single Speed High Static Motor/Drive with Hot Gas Re-Heat F = 2 Speed High Static Motor/Drive with Hot Gas Re-Heat F = 2 Speed High Static Motor/Drive with Hot Gas Re-Heat A = None B = Temp Economizer w/Bara-relief E = Temp Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief P = 2-Position damper Ou OA = No Options 4B = Non-fused Disconnect Switch AT = Un-powered Convenience Outlet BR = Supply Air Smoke Detector													
183 = 180,000 = 15 Tons (2 stage cooling) Horizontal SA/RA 210 = 210,000 = 17.5 Tons (2 stage cooling) Vertical SA/RA 213 = 210,000 = 17.5 Tons (2 stage cooling) Horizontal SA/RA 240 = 240,000 = 20 Tons (2 stage cooling) Horizontal SA/RA 243 = 240,000 = 20 Tons (2 stage cooling) Horizontal SA/RA 300 = 300,000 = 25 Tons (2 stage cooling) Vertical SA/RA 303 = 300,000 = 25 Tons (2 stage cooling) Horizontal SA/RA (SA = Supply Air, RA = Return Air) Nominal Cooling Capac H = 208/230-3-60 L = 460-3-60 S = 575-3-60 D = Low Heat, Aluminum Hx E = Medium Heat, Aluminum Hx F = High Heat, Stainless Steel Heat Exchanger R = Medium Heat, Stainless Steel Heat Exchanger T = High Heat, Stainless Steel Heat Exchanger Heat A = Standard Motor/Drive C = Medium Static Motor/Drive B = High Static Motor/Drive G = Single Speed High Static Motor/Drive with Hot Gas Re-Heat F = 2 Speed High Static Motor//Drive with Hot Gas Re-Heat A = None B = Temp Economizer w/Bara-relief E = Temp Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief P = 2-Position damper Ou OA = No Options 4B = Non-fused Disconnect Switch AT = Un-powered Convenience Outlet BR = Supply Air Smoke Detector													
S = 575–3–60 D = Low Heat, Aluminum Hx E = Medium Heat, Aluminum Hx F = High Heat, Aluminum Hx S = Low Heat, Stainless Steel Heat Exchanger R = Medium Heat, Stainless Steel Heat Exchanger T = High Heat, Stainless Steel Heat Exchanger Heat = Standard Motor/Drive C = Medium Static Motor/Drive B = High Static Motor/Drive G = Single Speed High Static Motor/Drive with Hot Gas Re-Heat F = 2 Speed High Static Motor//Drive with Hot Gas Re-Heat A = None B = Temp Economizer w/Bara-relief E = Temp Economizer w/Bara-relief E = Temp Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief P = 2-Position damper Ou OA = No Options 4B = Non-fused Disconnect Switch AT = Un-powered Convenience Outlet BR = Supply Air Smoke Detector	ty												
E = Medium Heat, Aluminum Hx F = High Heat, Aluminum Hx S = Low Heat, Stainless Steel Heat Exchanger R = Medium Heat, Stainless Steel Heat Exchanger T = High Heat, Stainless Steel Heat Exchanger Heat	Voltage												
H = Enthalpy Economizer w/Bara-relief L = Enthalpy Economizer w/Bara-relief + CO ₂ sensor U = Temp Ultra Low Leak Economizer w/Bara-relief W = Economizer Ultra Low Leak Economizer w/Bara-relief P = 2-Position damper Ou OA = No Options 4B = Non-fused Disconnect Switch AT = Un-powered Convenience Outlet BR = Supply Air Smoke Detector	S = 575-3-60 D = Low Heat, Aluminum Hx E = Medium Heat, Aluminum Hx F = High Heat, Aluminum Hx S = Low Heat, Stainless Steel Heat Exchanger R = Medium Heat, Stainless Steel Heat Exchanger T = High Heat, Stainless Steel Heat Exchanger T = High Heat, Stainless Steel Heat Exchanger Heating Capacity A = Standard Motor/Drive C = Medium Static Motor/Drive B = High Static Motor/Drive G = Single Speed High Static Motor/Drive with Hot Gas Re-Heat F = 2 Speed High Static Motor//Drive with Hot Gas Re-Heat Motor Option A = None B = Temp Economizer w/Bara-relief E = Temp Economizer w/Bara-relief + CO ₂ sensor												
AT = Un-powered Convenience Outlet BR = Supply Air Smoke Detector	door Air	Optio	ns / Co	ontrol									
B = Pre coated Condenser Coil C = E-coatedd Condenser Coil	Outdoor Air Options / Control Other Factory Installed Options Coil Factory Installed Options Motor Type Opti												
A = Standard Motor T = 2 Speed Indoor Motor Controller (VFD)								j n•					

COMMERCIAL PACKAGE UNITS 15–25 Ton (STANDARD EFFICIENCY)

	MOD	EL N	UMBI	ER IC	ENT	FICA	TION	GUII	DE					
DIGIT POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	Γ
MODEL SERIES	R	G	S	2	1	0	Н	D	Α	В	0	Α	Α	
R = Rooftop														
A = Air Conditioning (Cooling Only)		J												
G = Gas/Electric		Туре												
S = Standard ASHRAE 90.1-2010 I	Efficie	ncy	_											
		•	iency											
210 = 210,000 = 17.5 Tons Dedicate (SA = Supply Air,	RA = I	Return	Air)	^										
213 = 210,000 = 17.5 Tons Dedicate 240 = 240,000 = 20 Tons Dedicated				А										
243 = 240,000 = 20 Tons Dedicated														
300 = 300,000 = 25 Tons Dedicated														
303 = 300,000 = 25 Tons Dedicated														
336 = 330,000 = 27.5 Tons Dedicate	ed Ver	tical S	A/RA											
333 = 330,000 = 27.5 Tons Dedicate	ed Ho	rizonta	I SA/R	Α										
		No	minal	Cooli	ng Cap	acity	J							
H = 208/230-3-60														
L = 460-3-60														
S = 575–3–60						Vo	ltage							
E = Medium Heat R = Medium Heat, Stainless Steel H T = High Heat, Stainless Steel Heat	S = L leat E	xchanç	at, Sta	inless			xchang ng Cap							
 B = High Static Option (all sizes, wit C = Medium Static Option (17.5 ton, 2-speed indoor fan motor) E = High Static High Efficiency Option F = Medium Static High Efficiency C G = High Static Motor with Hot Gas 1-speed indoor fan motor) 	, with [?] on (all option	1-spee sizes, (20, 25	ed indo with 1- 5, 27.5	or fan -speed ton, w	motor, d indoc	or fan n	notor) ndoor f		,					
A = None							IVI	otol O	ption	J				
B = Economizer w/Bara-relief, OA	Гетр s	sensor												
E = Economizer w/Bara-relief + CO				senso	or									
H = Economizer w/Bara-relief, Enth														
L = Economizer w/Bara-relief + CO	_													
U = Ultra Low Leak Temp Economiz			•	-					احتمسم	۸				
W = Ultra Low Leak Temp Enthalpy B = 2 Position damper	⊏cond	omizer	w/Bar	a-relie	٠.		idoor ta oor Air		•	•				
P = 2-Position damper						Julao	oi Alf	υριιο	iis / C	OHEOL	J			
0A = No Options														
4B = Non-fused Disconnect AA = Hinged Access Panels														
AA = Hinged Access Panels AT = Non-powered 115v Convenier	nce Oi	ıtlet												
BR = Supply Air Smoke Detector	100 O	augt.					Oth	ner Fa	ctory	Installe	ed Opt	ions ¹		
A = Alum / Cu Cond & Alum / Cu Ev	ap												,	
B = Pre coated Alum / Cu Cond & A	-	Cu Eva	ар											
C = E-coatedd Alum / Cu Cond & A			-											
E = Cu / Cu Cond & Alum / Cu Evap)								Coil F	actory	Instal	led Op	tions	
A = Standard Motor			-1.		L \									
T = 2 Speed Indoor Fan VFD Contr	oller (⊢or 2–	stage i	units o	nly)						N.	lotor 1	ype O	pti

¹ A combination of FIOP's are available.

COMMERCIAL SPLIT SYSTEM UNITS (3–5 Ton, Three–Phase)

	MODEL N	IUMB	ER IDE	ENTIF	CATIC	N GU	IDE				
DIGIT POSITION	1	2	3	4	5,6	7	8	9	10	11	12
	Н	4	Α	3	36	G	Н	В	1	0	0
H = Mainline											
N = Entry											
R = Entry	BRANDING										
2 = R-22											
4 = R-410A	REFRIGE	RANT									
A = Air Conditioner											
H = Heat Pump			TYPE								
3 = 13 SEER											
4 = 14 SEER		MINAL	EFFIC	IENCY							
30 = 30,000 BTUH = 2-1/2 tor	ns										
36 = 36,000 BTUH = 3 tons											
42 = 42,000 BTUH = 3.5 tons											
48 = 48,000 BTUH = 4 tons											
60 = 60,000 BTUH = 5 tons		N	IOMINA	L CAP	ACITY]					
A = Standard Grille											
G = Coil Guard Grille					FEAT	URES					
H = 208/230-3-60											
L = 460-3-60											
S = 575–3–60						VOL	TAGE				
Sales Code											
Engineering Revision											
Extra Digit											
Extra Digit											

COMMERCIAL SPLIT SYSTEMS CONDENSING UNITS (6-20 Ton, Three-Phase)

M	ODE	L NU	JMBI	ER II	DEN.	TIFIC	ATIC	ON C	GUID	Е				
DIGIT POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14
MODEL SERIES	С	Α	S	0	9	1	Н	Α	Α	0	Α	0	0	Α
C = R-410A Condensing Unit														
A = Air Conditioning (Cooling Only)		_												
H = Heat Pump		Туре												
S = Standard ASHRAE 90.1-2010 E	fficiency	/	-											
		Effic	iency											
072 = 71,000 BTUH = 6 Tons														
091 = 92,000 BTUH = 7.5 Tons (1 c	ircuit)													
120 = 117,000 BTUH = 10 Tons (2 o	circuit)													
121 = 117,000 BTUH = 10 Tons (1 o	circuit)													
150 = 148,000 BTUH = 12.5 Tons (2		•												
151 = 148,000 BTUH = 12.5 Tons (•	it)												
180 = 180,000 BTUH = 15 Tons (2 c														
181 = 180,000 BTUH = 15 Tons (1	,													
240 = 240,000 BTUH = 20 Tons (2 o	,													
241 = 240,000 BTUH = 20 Tons (1 (circuit)													
		Non	ninal C	Coolin	g Cap	acity								
H = 208/230-3-60														
L = 460-3-60														
S = 575–3–60						Vol	tage							
A = Single Circuit														
B = Single Circuit w/ Low Ambient C	Control													
D = Dual Circuit														
E = Dual Circuit w/ Low Ambient Co	ntrol		_			_		_						
			Ref	riger	ant S	ysten	ı Opt	ions						
A = Cu/Al Cond. RTPF														
B = Precoat Al/Cu Cond. RTPF														
C = E-Coat Al/Cu Cond. RTPF					_		0-	:	•!					
E = Cu/Cu Cond. RTPF					0	utdo	or Co	п Ор	tions	J				
0 = None	o Outl	ot.						en de	۰ ۵ ۵۰	tions				
1 = Non-powered 115v Conveniend	e Outi	EL						bervio	се Ор	uons	J			
A = None C = Non-Fused Disconnect Switch								Ei	ootrio	al Op	tions			
] -•		
0 = Standard Elec-Mechanical Con									Ba	ase Ur	nt Col		J 	
0 = No options, reserved for future to	Jse											Futur		
A = Original Design													Sales	Digit

DIRECT EXPANSION COMMERCIAL PACKAGED AIR HANDLING UNITS

MC	DDEL	_ NUI	MBE	R IDE	ENTI	FICA	TION	I GUI	DE					
DIGIT POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14
MODEL SERIES	F	Α	S	0	9	1	М	Α	Α	Α	0	Α	0	Α
F = R-410A Fan Coil Unit	!!													
A = Air Conditioning (Cooling Only)		Туре												
S = Standard Efficiency		Effici	iency											
072 = 6 Tons (1 circuit)				•										
091 = 7.5 Tons (1 circuit)														
120 = 10 Tons (2 circuit)														
150 = 12.5 Tons (2 circuit)														
180 = 15 Tons (2 circuit)														
240 = 20 Tons (2 circuit)														
300 = 25 Tons (2 circuit)				Nomin	al Ton	nage								
K = 208/230-1-60														
H = 208/230-3-60														
M = 460/208/230-3-60														
L = 460-3-60														
S = 575–3–60						Vo	Itage]						
A = Standard Static Standard Efficiency	•			Orive										
B = High Static Standard Efficiency Mo		-												
D = Standard Static High Efficiency Mo			d Drive											
E = High Static High Efficiency Motor /	High D	rive			F	an Mo	tor Op	tions	ļ					
A = Al/Cu								Indoo	r Coil					
A = Standard D/X Coil							Re	efriger	ant Sy	stem				
0 = No options										Future	e Use			
A = None - Standard - Unpainted														
B = Painted cabinet (Gray)									Painte	d Cabi	net Op	tions		
0 = Standard (Future use)												Futur	e Use	
A = Original Design													Sales	s Digit

NOTE:

^{*}Single phase FAS072-091 units designate standard motor and high static drive. All FAS072-150 with a "M" voltage designation are triple voltage; i.e., 208/230/460-3-60. Size FAS180 is also triple voltage unless high static options is used, See chart below.

SMALL PACKAGE PRODUCTS THREE PHASE

NOTES

UP to 16 SEER, UP to 12.5 EER PACKAGE GAS/ELECTRIC, 2.5 to 5 TONS

208/230 Volt, 3-phase, 60 Hz

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Copper tube/aluminum fin condenser and evaporator coils
- Enhanced dehumidificaton feature on high stage cooling with use
- Two stage scroll compressors standard on all models
- Two stage gas valve and two speed inducer motor on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- · Easily converts to down discharge applications
- · Combination gas heating and electric cooling
- · Low NOx units available

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- · Induced-draft combustion and venting
- High efficiency ECM indoor blower motor on all models
- Pre-painted steel cabinet
- · Direct spark ignition
- Stainless steel tubular heat exchanger standard
- · Vertical condenser fan discharge
- Full perimeter steel base rails
- Crankcase heaters on select models
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 10 Year heat exchanger limited warranty
- 5 year limited warranty on compressor
- 1 year limited warranty on parts
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.









Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFORMAN	ICE DATA							
	CC	OLING		HEAT	ING			
Model Number	Net Capacity BTU/h High / Low	SEER	EER	Input BTU/h	Efficiency AFUE %	Unit Dimensions Height x Width x Depth Inches (mm)	Operating Weight Ibs (kg)	Notes
PGR530040HGP*A	29,000	15.00	12.00	40,000/26,000	78.00	44-1/8 x 47 x 31-7/16	376 (170)	
PGR530060HGP*A	29,000	15.00	12.00	60,000/39,000	78.60	(1121 x 1194 x 799)	376 (170)	
PGR536060HGP*A	35,400	16.00	12.50	60,000/39,000	78.60	44-3/4 x 47 x 42-15/16	463 (210)	
PGR536090HGP*A	35,400	16.00	12.50	90,000/58,500	79.20	(1137 x 1194 x 1091)	463 (210)	
PGR542060HGP*A	42,000	16.00	12.50	60,000/39,000	78.60	44-3/4 x 47 x 42-15/16	463 (210)	
PGR542090HGP*A	42,000	16.00	12.50	90,000/58,500	79.20	(1137 x 1194 x 1091)	463 (210)	
PGR548090HGP*A	47,500	16.00	12.30	90,000/58,500	79.20	50-3/4 x 47 x 42-15/16	481 (218)	
PGR548115HGP*A	47,500	16.00	12.30	115,000/75,000	80.10	(1289 x 1194 x 1091)	481 (218)	
PGR548130HGP*A	47,500	16.00	12.30	130,000/84,500	80.00	(1200 X 1194 X 1091)	481 (218)	
PGR560090HGP*A	57,000	16.00	12.30	90,000/58,500	79.20	52-3/4 x 47 x 42-15/16	509 (231)	
PGR560115HGP*A	57,000	16.00	12.30	115,000/75,000	80.10	(1340 x 1194 x 1091)	509 (231)	
PGR560130HGP*A	57,000	16.00	12.30	130,000/84,500	80.00	(1010 % 1104 % 1001)	509 (231)	

^{* - 0 =} Standard, 1 = Low NOx

Up to 16 SEER, Up to 12.5 EER, PACKAGE AIR CONDITIONER, 2.5 to 5 TONS

208/230 Volt, 3-phase, 60 Hz

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Copper tube/almuminum fin condenser and evaporator coils
- Enhanced dehumidificaton feature on high stage cooling with use of a dehumidistat
- Two stage scroll compressors standard on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- Multi-speed ECM blower motor standard on all models
- Pre-painted steel cabinet
- · Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year compressor limited warranty
- · 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.











Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFORMANCE	DATA						
		COOLIN	G	_			
Model Number	Net Capacity BTU/h High Stage	Standard CFM High / Low Stage	S.E.E.R	E.E.R.	Unit Dimensions Height x Width x Depth Inches (mm)	Operating Weight Ibs / kg	Notes
PAR530000H000A	29000	100/750	15.00	12.00	44-1/8 x 46-13/16 x 31-3/16 (1121 x 1189 x 792)	334/152	
PAR536000H000A	35400	1200/900	16.00	12.50	44-3/4 x 46-13/16 x 42-15/16 (1137 x 1189 x 1091)	389/176	
PAR542000H000A	42000	1400/1050	16.00	12.50	44-3/4 x 46-13/16 x 42-15/16 (1137 x 1189 x 1091)	392/178	
PAR548000H000A	47500	1600/1200	16.00	12.30	50-3/4 x 46-13/16 x 42-15/16 (1269 x 1189 x 1091)	444/201	
PAR560000H000A	57000	1750/1200	16.00	12.30	52-3/4 x 46-13/16 x 42-15/16 (1340 x 1189 x 1091)	464/211	

UP to 15.5 SEER, UP to 12.5 EER, Up to 8.5 HSPF, PACKAGE HEAT PUMP UNITS, 2.5 – 5 TONS 208/230 Volt, 3-phase, 60 Hz

- Environmentally sound R-410A refrigerant
- · Copper tube/aluminum fin condenser and evaporator coils
- Enhanced dehumidificaton feature on high stage cooling with use of a dehumidistat
- Two stage scroll compressors standard on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- · Easily converts to down discharge applications

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- Multi-speed ECM blower motor standard on all models
- Pre-painted steel cabinet
- · Vertical condenser fan discharge
- · Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.







As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy afficiency.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMANC	CE DATA								
		COOLING							
	Net								
	Capacity						Unit Dimensions	Operating	
Model	BTU/h High	Standard CFM					Height x Width x Depth	Weight	
Number	Stage	High/Low Stage	SEER	EER	HSPF	COP	Inches (mm)	lbs / kg	Notes
PHR530000H000A	29000	1000/750	15.0	12.0	8.0	3.8	46-1/8 x 48-13/16 x 32-5/8	356/162	
FIINSSUUUUITUUUA	29000	1000/730	15.0	12.0	0.0	5.0	(1172 x 1224 x 829)	330/102	
PHR536000H000A	34000	1200/900	15.0	12.0	8.0	3.7	44-3/4 x 48-1/4 x 44-3/16	413/187	
1 111 (000000110007)	01000	1200/000	10.0	12.0	0.0	0.7	(1137 x 1226 x 1122)	110/10/	
PHR542000H000A	42000	1400/1050	15.0	12.0	8.0	3.6	50-3/4 x 48-1/4 x 44-3/16	444/201	
111101200010007	12000	1100/1000	10.0	12.0	0.0	0.0	(1289 x 1226 x 1122)	111/201	
PHR548000H000A	47000	1600/1200	15.5	12.5	8.0	3.7	48-3/4 x 48-1/4 x 44-3/16	447/203	
1 1110 100001100071	17 300	1000/1200	10.0	12.0	0.0	0.7	(1238 x 1226 x 1122)	1177200	
PHR560000H000A	57000	1750/1400	15.0	12.0	8.5	3.5	54-3/4 x 48-1/4 x 44-3/16	503/228	
1 11110000001100071	1 0.000	17 00/ 1400	10.0	1 -2.0	0.0	0.0	(1391 x 1226 x 1122)	000/220	

14 SEER, 12 EER, PACKAGE GAS/ELECTRIC, 2.5 to 5 TONS

208/230-3-60, 460-3-60

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- All models with tin-coated copper evaporator coil standard
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating and electric cooling
- · Low NOx units available

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- · Induced-draft combustion and venting
- Direct spark ignition
- Pre-painted steel cabinet
- · High Efficiency ECM indoor blower motor on all models
- Stainless steel tubular heat exchanger
- · Vertical condenser fan discharge
- · Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 10 Year heat exchanger limited warranty
- 5 year limited warranty on compressor
- 1 year limited warranty on parts
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .



As an Energy State Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

UNIT PERFORMANCE	E DATA							
	Co	ooling		Heat	ing			
	Cap-						Operating	
	acity			Input	AFUE		Weight lbs	
Model Number	BTU/h	SEER	EER	BTU/h	%	Height x Width x Depth in (mm)	(kg)	Notes
PGS430040HGS*C	28,600	14.5	12.0	40,000	80.0	40 x 48-3/16 x 32-5/8 (1016 x 1224 x 829)	342 (155)	
PGS430060HGS*C	28,600	14.5	12.0	60,000	80.0	40 x 48-3/16 x 32-5/8 (1016 x 1224 x 829)	342 (155)	
PGS436060HGS*C	34,200	14.5	12.0	60,000	80.0	46 x 48-3/16 x 32-5/8 (1167 x 1224 x 829)	376 (170)	
PGS436060LGS*C	34,200	14.5	12.0	60,000	80.0	46 x 48-3/16 x 32-5/8 (1167 x 1224 x 829)	376 (170)	
PGS436090HGS*C	34,200	14.5	12.0	90,000	79.3	46 x 48-3/16 x 32-5/8 (1167 x 1224 x 829)	376 (170)	
PGS436090LGS*C	34,200	14.5	12.0	90,000	79.3	46 x 48-3/16 x 32-5/8 (1167 x 1224 x 829)	376 (170)	
PGS442060HGS*C	41,000	14.5	12.0	60,000	78.5	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	463 (210)	
PGS442060LGS*C	41,000	14.5	12.0	60,000	78.5	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	463 (210)	
PGS442090HGS*C	41,000	14.5	12.0	90,000	80.4	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	463 (210)	
PGS442090LGS*C	41,000	14.5	12.0	90,000	80.4	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	463 (210)	

^{* - 0 =} Standard, 1 = Low NOx

PGS4 (continued)

UNIT PERFORMANCE	E DATA (C	Continu	ed)					
	Co	ooling		Heating				
	Cap-						Operating	1
	acity			Input	AFUE		Weight lbs	1
Model Number	BTU/h	SEER	EER	BTU/h	%	Height x Width x Depth in (mm)	(kg)	Notes
PGS448090HGS*C	47,000	14.2	12.0	90,000	80.4	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	
PGS448090LGS*C	47,000	14.2	12.0	90,000	80.4	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	
PGS448115HGS*C	47,000	14.2	12.0	115,000	80.3	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	
PGS448115LGS*C	47,000	14.2	12.0	115,000	80.3	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	
PGS448130HGS*C	47,000	14.2	12.0	130,000	78.9	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	
PGS448130LGS*C	47,000	14.2	12.0	130,000	78.9	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	
PGS460090HGS*C	57,000	14.2	12.0	90,000	80.4	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	
PGS460090LGS*C	57,000	14.2	12.0	90,000	80.4	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	
PGS460115HGS*C	57,000	14.2	12.0	115,000	80.3	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	
PGS460115LGS*C	57,000	14.2	12.0	115,000	80.3	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	
PGS460130HGS*C	57,000	14.2	12.0	130,000	78.9	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	
PGS460130LGS*C	57,000	14.2	12.0	130,000	78.9	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	

^{* - 0 =} Standard, 1 = Low NOx

14 SEER, 12 EER, PACKAGE GAS/ELECTRIC, 2.5 to 5 TONS

208/230-3-60, 460-3-60

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- · Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating and electric cooling
- · Low NOx units available

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- · Induced-draft combustion and venting
- Direct spark ignition
- Pre-painted steel cabinet
- · High Efficiency ECM indoor blower motor on all models
- Aluminized steel tubular heat exchanger
- · Vertical condenser fan discharge
- · Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 10 Year heat exchanger limited warranty
- 5 year limited warranty on compressor
- 1 year limited warranty on parts
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.







As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

	Co	ooling		Heating				
	Cap- acity	SEE		Input	AFUE		Operating Weight lbs	
Model Number	BTU/h	R	EER	BTU/h	%	Height x Width x Depth in (mm)	(kg)	Notes
PGD430040H00*C	28,600	14.5	12.0	40,000	80.0	40 x 48-3/16 x 32-5/8 (1016 x 1224 x 829)	342 (155)	
PGD430060H00*C	28,600	14.5	12.0	60,000	80.0	40 x 48-3/16 x 32-5/8 (1016 x 1224 x 829)	342 (155)	
PGD436060H00*C	34,200	14.5	12.0	60,000	80.0	46 x 48-3/16 x 32-5/8 (1167 x 1224 x 829)	376 (170)	
PGD436060L00*C	34,200	14.5	12.0	60,000	80.0	46 x 48-3/16 x 32-5/8 (1167 x 1224 x 829)	376 (170)	
PGD436090H00*C	34,200	14.5	12.0	90,000	79.3	46 x 48-3/16 x 32-5/8 (1167 x 1224 x 829)	376 (170)	
PGD436090L00*C	34,200	14.5	12.0	90,000	79.3	46 x 48-3/16 x 32-5/8 (1167 x 1224 x 829)	376 (170)	
PGD442060H00*C	41,000	14.5	12.0	60,000	78.5	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	463 (210)	
PGD442060L00*C	41,000	14.5	12.0	60,000	78.5	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	463 (210)	
PGD442090H00*C	41,000	14.5	12.0	90,000	80.4	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	463 (210)	
PGD442090L00*C	41,000	14.5	12.0	90,000	80.4	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	463 (210)	
PGD448090H00*C	47,000	14.2	12.0	90,000	80.4	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	
PGD448090L00*C	47,000	14.2	12.0	90,000	80.4	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	
PGD448115H00*C	47,000	14.2	12.0	115,000	80.3	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	
PGD448115L00*C	47,000	14.2	12.0	115,000	80.3	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	

^{* - 0 =} Standard, 1 = Low NOx Continued on next page

PGD4 (continued)

UNIT PERFORMANC	CE DATA	(Conti	nued)					
	Co	Cooling		Heating				
	Cap-						Operating	
Model Number	acity BTU/h	SEE R	EER	Input BTU/h	AFUE %	Height w Width w Donth in (mm)	Weight lbs	Notes
						Height x Width x Depth in (mm)	(kg)	Notes
PGD448130H00*C	47,000	14.2	12.0	130,000	78.9	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	
PGD448130L00*C	47,000	14.2	12.0	130,000	78.9	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)	
PGD460090H00*C	57,000	14.2	12.0	90,000	80.4	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	
PGD460090L00*C	57,000	14.2	12.0	90,000	80.4	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	
PGD460115H00*C	57,000	14.2	12.0	115,000	80.3	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	
PGD460115L00*C	57,000	14.2	12.0	115,000	80.3	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	
PGD460130H00*C	57,000	14.2	12.0	130,000	78.9	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	
PGD460130L00*C	57,000	14.2	12.0	130,000	78.9	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)	·

^{* - 0 =} Standard, 1 = Low NOx

14 SEER PACKAGE DUAL FUEL HEAT PUMP, 2.5 to 5 TONS 208/230-3-60

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- · Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating, heat pump heating and electric cooling
- · Low NOx units available

BUILT TO LAST

- Pre-painted steel cabinet
- · Induced-draft combustion and venting
- Direct spark ignition
- High efficiency ECM indoor blower motor on all models
- · Stainless steel tubular heat exchanger
- Vertical condenser fan discharge
- · Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor
- · Crankcase heaters on all models

WARRANTY*

- 10 year heat exchanger limited warranty
- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .



As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

UNIT PERFORMANCE DATA													
	С	ooling		Heat P Heat		Gas He	eating		Operating				
	Capacity	1		Input	Ī	Input	AFÜE	Height x Width x Depth	Weight				
Model Number	BTU/h	SEER	EER	BTU/h	HSPF	BTU/h	%	in (mm)	lbs (kg)	Notes			
PDS430040HGS*C	28,600	14.2	12.0	29,600	8.0	40,000	80.0	44-1/8x48-3/16x32-5/8 (1121x1224x829)	360 (163)				
PDS430060HGS*C	28,600	14.2	12.0	29,600	8.0	60,000	80.0	44-1/8x48-3/16x32-5/8 (1121x1224x829)	361 (163)				
PDS436060HGS*C	35,800	14.5	12.0	35,800	8.0	60,000	78.5	44-3/4x48-3/16x44-1/8 (1137x1224x1122)	440 (200)				
PDS436090HGS*C	35,800	14.5	12.0	35,800	8.0	90,000	80.4	44-3/4x48-3/16x44-1/8 (1137x1224x1122)	441 (200)				
PDS442060HGS*C	40,500	14.5	12.0	41,500	8.0	60,000	78.5	48-3/4x48-3/16x44-1/8 (1238x1224x1122)	486 (220)				
PDS442090HGS*C	40,500	14.5	12.0	41,500	8.0	90,000	80.4	48-3/4x48-3/16x44-1/8 (1238x1224x1122)	487 (220)				
PDS448090HGS*C	46,500	14.5	12.0	45,500	8.0	90,000	80.4	48-3/4x48-3/16x44-1/8 (1238x1224x1122)	506 (230)				
PDS448115HGS*C	46,500	14.5	12.0	45,500	8.0	115,000	80.3	48-3/4x48-3/16x44-1/8 (1238x1224x1122)	507 (230)				
PDS448130HGS*C	46,500	14.5	12.0	45,500	8.0	130,000	78.9	48-3/4x48-3/16x44-1/8 (1238x1224x1122)	508 (230)				
PDS460090HGS*C	57,000	14.5	12.0	59,000	8.0	90,000	80.4	54-3/4x48-3/16x44-1/8 (1391x1224x1122)	540 (245)				
PDS460115HGS*C	57,000	14.5	12.0	59,000	8.0	115,000	80.3	54-3/4x48-3/16x44-1/8 (1391x1224x1122)	541 (245)				
PDS460130HGS*C	57,000	14.5	12.0	59,000	8.0	130,000	78.9	54-3/4x48-3/16x44-1/8 (1391x1224x1122)	542 (245)				

^{* - 0 =} Standard, 1 = Low NOx

14 SEER PACKAGE DUAL FUEL HEAT PUMP, 2.5 to 5 TONS

208/230-3-60

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- · Easily converts to down discharge applications
- · Combination gas heating, heat pump heating and electric cooling
- · Low NOx units available

BUILT TO LAST

- Pre-painted steel cabinet
- · Induced-draft combustion and venting
- Direct spark ignition
- High efficiency ECM indoor blower motor on all models
- · Aluminized steel tubular heat exchanger
- · Vertical condenser fan discharge
- Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor
- Crankcase heaters on all models

WARRANTY*

- 10 year heat exchanger limited warranty
- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.





indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .



As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

	Co	oling		Heati	ing	Gas He	ating		Operating	
Model Number	Capacity BTU/h	SEER	EER	Input BTU/h	HSPF	Input BTU/h	AFUE	Height x Width x Depth in (mm)	Weight lbs (kg)	Notes
PDD430040H00*C	28,600	14.2	12.0	29,600	8.0	40,000	80.08	44-1/8x48-3/16x32-5/8 (1121x1224x829)	360 (163)	
PDD430060H00*C	28,600	14.2	12.0	29,600	8.0	60,000	80.0	44-1/8x48-3/16x32-5/8 (1121x1224x829)	361 (163)	
PDD436060H00*C	35,800	14.5	12.0	35,800	8.0	60,000	78.5	44-3/4x48-3/16x44-1/8 (1137x1224x1122)	440 (200)	
PDD436090H00*C	35,800	14.5	12.0	35,800	8.0	90,000	80.4	44-3/4x48-3/16x44-1/8 (1137x1224x1122)	441 (200)	
PDD442060H00*C	40,500	14.5	12.0	41,500	8.0	60,000	78.5	48-3/4x48-3/16x44-1/8 (1238x1224x1122)	486 (220)	
PDD442090H00*C	40,500	14.5	12.0	41,500	8.0	90,000	80.4	48-3/4x48-3/16x44-1/8 (1238x1224x1122)	487 (220)	
PDD448090H00*C	46,500	14.5	12.0	45,500	8.0	90,000	80.4	48-3/4x48-3/16x44-1/8 (1238x1224x1122)	506 (230)	
PDD448115H00*C	46,500	14.5	12.0	45,500	8.0	115,000	80.3	48-3/4x48-3/16x44-1/8 (1238x1224x1122)	507 (230)	
PDD448130H00*C	46,500	14.5	12.0	45,500	8.0	130,000	78.9	48-3/4x48-3/16x44-1/8 (1238x1224x1122)	508 (230)	
PDD460090H00*C	57,000	14.5	12.0	59,000	8.0	90,000	80.4	54-3/4x48-3/16x44-1/8 (1391x1224x1122)	540 (245)	
PDD460115H00*C	57,000	14.5	12.0	59,000	8.0	115,000	80.3	54-3/4x48-3/16x44-1/8 (1391x1224x1122)	541 (245)	
PDD460130H00*C	57,000	14.5	12.0	59,000	8.0	130,000	78.9	54-3/4x48-3/16x44-1/8 (1391x1224x1122)	542 (245)	

^{* - 0 =} Standard, 1 = Low NOx

14 SEER PACKAGE AIR CONDITIONER, 2.5 to 5 TONS

208/230-3-60, 460-3-60

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- · Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- Pre-painted steel cabinet
- · High Efficiency ECM indoor blower motor on all models
- · Vertical condenser fan discharge
- · Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFORMANC	UNIT PERFORMANCE DATA												
	Co	oling											
	Capacity				Operating								
Model Number	BTU/h	SEER	EER	Height x Width x Depth in (mm)	Weight lbs (kg)	Notes							
PAD430000H000C	28,600	14.5	12.0	40 x 48-3/16 x 32-5/8 (1016 x 1224 x 829)	300 (136)								
PAD436000H000C	34,200	14.5	12.0	46 x 48-3/16 x 32-5/8 (1168 x 1224 x 829)	358 (162)								
PAD436000L000C	34,200	14.5	12.0	46 x 48-3/16 x 32-5/8 (1168 x 1224 x 829)	358 (162)								
PAD442000H000C	41,000	14.5	12.0	49-7/8 x 48-3/16 x 44-1/8 (1266 x 1224 x 1123)	412 (187)								
PAD442000L000C	41,000	14.5	12.0	49-7/8 x 48-3/16 x 44-1/8 (1266 x 1224 x 1123)	412 (187)								
PAD448000H000C	47,000	14.2	12.0	49-7/8 x 48-3/16 x 44-1/8 (1266 x 1224 x 1123)	430 (195)								
PAD448000L000C	47,000	14.2	12.0	49-7/8 x 48-3/16 x 44-1/8 (1266 x 1224 x 1123)	430 (195)								
PAD460000H000C	57,000	14.2	12.0	53-7/8 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	458 (208)								
PAD460000L000C	57,000	14.2	12.0	53-7/8 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	458 (208)								



14 SEER PACKAGE HEAT PUMP, 2.5 to 5 TONS

208/230-3-60, 460-3-60

- REFRIGERATION CIRCUIT
 Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models
- Short-cycling protection for the compressor is built into the defrost control board

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- · Combination electric heating and cooling

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- · Pre-painted steel cabinet
- High Efficiency ECM indoor blower motor on all models
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .





As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



UNIT PERFORMAN	JNIT PERFORMANCE DATA													
	Co	oling		Heat Pu	ımp									
							Operating							
l	Capacity			Capacity			Weight							
Model Number	BTU/h	SEER	EER	BTU/h	HSPF	Height x Width x Depth in (mm)	lbs (kg)	Notes						
PHD430000H000D	28,600	14.2	12.0	29,000	8.0	44 1/8 x 48 3/16 x 32 5/8 (1121 x 1224 x 829)	340 (154)							
PHD436000H000D	35,800	14.5	12.0	34,800	8.0	44 3/4 x 48 3/16 x 44 3/16 (1137 x 1224 x 1122)	418 (190)							
PHD436000L000D	35,800	14.5	12.0	34,800	8.0	44 3/4 x 48 3/16 x 44 3/16 (1137 x 1224 x 1122)	418 (190)							
PHD442000H000D	40,500	14.5	12.0	40,500	8.0	48 3/4 x 48 3/16 x 44 3/16 (1238 x 1224 x 1122)	464 (210)							
PHD442000L000D	40,500	14.5	12.0	40,500	8.0	48 3/4 x 48 3/16 x 44 3/16 (1238 x 1224 x 1122)	464 (210)							
PHD448000H000D	46,500	14.5	12.0	45,500	8.0	48 3/4 x 48 3/16 x 44 3/16 (1238 x 1224 x 1122)	452 (205)							
PHD448000L000D	46,500	14.5	12.0	45,500	8.0	48 3/4 x 48 3/16 x 44 3/16 (1238 x 1224 x 1122)	452 (205)							
PHD460000H000D	57,000	14.5	12.0	60,000	8.0	54 3/4 x 48 3/16 x 44 3/16 (1391 x 1224 x 1122)	506 (230)							
PHD460000L000D	57,000	14.5	12.0	60,000	8.0	54 3/4 x 48 3/16 x 44 3/16 (1391 x 1224 x 1122)	506 (230)							

13 SEER PACKAGE GAS/ELECTRIC, 2.5 to 5 TONS

208/230-3-60, 460-3-60

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- · Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating and electric cooling
- · Low NOx units available

BUILT TO LAST

- · Induced-draft combustion and venting
- Pre-painted steel cabinet
- · Direct spark ignition
- High efficiency ECM indoor blower motor on all models
- · Stainless steel tubular heat exchanger
- · Vertical condenser fan discharge
- Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 10 year heat exchanger limited warranty
- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFORM	ANCE DA	TA						
	Co	oling	Heat		ting			
Model Number	Capacity BTU/h	SEER	EED	Input BTU/h	AFUE %	Height x Width x Depth in (mm)	Operating Weight lbs	Notes
PGS330040HGS*C	28,600	13.5	11.2	40.000	80.0	42x48-3/16x32-5/8 (1066x1224x829)	(kg) 309 (140)	Notes
PGS330040LGS*C	28,600	13.5	11.2	40.000	80.0	42x48-3/16x32-5/8 (1066x1224x829)	309 (140)	
PGS330060HGS*C	28,600	13.5	11.2	60,000	80.0	42x48-3/16x32-5/8 (1066x1224x829)	309 (140)	
PGS330060LGS*C	28,600	13.5	11.2	60,000	80.0	42x48-3/16x32-5/8 (1066x1224x829)	309 (140)	
PGS336060HGS*C	34,400	13.0	11.0	60,000	80.0	46x48-3/16x32-5/8 (1016x1224x829)	319 (144)	
PGS336060LGS*C	34,400	13.0	11.0	60,000	80.0	46x48-3/16x32-5/8 (1016x1224x829)	319 (144)	
PGS336090HGS*C	34,400	13.0	11.0	90,000	79.3	46x48-3/16x32-5/8 (1016x1224x829)	319 (144)	
PGS336090LGS*C	34,400	13.0	11.0	90,000	79.3	46x48-3/16x32-5/8 (1016x1224x829)	319 (144)	
PGS342060HGS*C	40,500	13.2	11.2	60,000	78.5	40x48-3/16x44-1/8 (1016x1224x1123)	411 (186)	
PGS342060LGS*C	40,500	13.2	11.2	60,000	78.5	40x48-3/16x44-1/8 (1016x1224x1123)	411 (186)	
PGS342090HGS*C	40,500	13.2	11.2	90,000	80.4	40x48-3/16x44-1/8 (1016x1224x1123)	411 (186)	
PGS342090LGS*C	40,500	13.2	11.2	90,000	80.4	40x48-3/16x44-1/8 (1016x1224x1123)	411 (186)	
* 0 - Ctandard 1.	L ALL NION		•			·	0	

^{* - 0 =} Standard, 1 = Low NOx

Continued on next page

PGS3 (continued)

UNIT PERFORMA	ANCE DA	TA						
	Co	oling		Heat	ing			
	Capacity			Input	AFUE		Operating Weight lbs	
Model Number	BTU/h	SEER	EER	BTU/h	%	Height x Width x Depth in (mm)	(kg)	Notes
PGS348090HGS*C	46,500	13.2	11.2	90,000	80.4	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGS348090LGS*C	46,500	13.2	11.2	90,000	80.4	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGS348115HGS*C	46,500	13.2	11.2	115,000	80.3	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGS348115LGS*C	46,500	13.2	11.2	115,000	80.3	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGS348130HGS*C	46,500	13.2	11.2	130,000	78.9	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGS348130LGS*C	46,500	13.2	11.2	130,000	78.9	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGS360090HGS*C	57,000	13.4	11.0	90,000	80.4	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGS360090LGS*C	57,000	13.4	11.0	90,000	80.4	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGS360115HGS*C	57,000	13.4	11.0	115,000	80.3	42x48-3/16x44-1/8 (1016x1224x1123)	441 (200)	
PGS360115LGS*C	57,000	13.4	11.0	115,000	80.3	42x48-3/16x44-1/8 (1016x1224x1123)	441 (200)	
PGS360130HGS*C	57,000	13.4	11.0	130,000	78.9	42x48-3/16x44-1/8 (1016x1224x1123)	441 (200)	
PGS360130LGS*C	57,000	13.4	11.0	130,000	78.9	42x48-3/16x44-1/8 (1016x1224x1123)	441 (200)	

^{* - 0 =} Standard, 1 = Low NOx

13 SEER PACKAGE GAS/ELECTRIC, 2.5 to 5 TONS

208/230-3-60, 460-3-60

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- · Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating and electric cooling
- · Low NOx units available

BUILT TO LAST

- · Induced-draft combustion and venting
- Direct spark ignition
- Pre-painted steel cabinet
- High efficiency ECM indoor blower motor on all models
- · Aluminized steel tubular heat exchanger
- Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 10 year heat exchanger limited warranty
- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFORMANC	E DATA							
	Co	oling		Heating				
Model Number	Capacity BTU/h	SEER	FER	Input BTU/h	AFUE %	Height x Width x Depth in (mm)	Operating Weight Ibs (kg)	Notes
PGD330040H00*C	28,600	13.5	11.2	40.000	80.0	42x48-3/16x32-5/8 (1066x1224x829)	309 (140)	110163
PGD330040L00*C	28,600	13.5	11.2	40.000	80.0	42x48-3/16x32-5/8 (1066x1224x829)	309 (140)	
PGD330060H00*C	28,600	13.5	11.2	60,000	80.0	42x48-3/16x32-5/8 (1066x1224x829)	309 (140)	
PGD330060L00*C	28,600	13.5	11.2	60,000	80.0	42x48-3/16x32-5/8 (1066x1224x829)	309 (140)	
PGD336060H00*C	34,400	13.0	11.0	60,000	80.0	46x48-3/16x32-5/8 (1016x1224x829)	319 (144)	
PGD336060L00*C	34,400	13.0	11.0	60,000	80.0	46x48-3/16x32-5/8 (1016x1224x829)	319 (144)	
PGD336090H00*C	34,400	13.0	11.0	90,000	79.3	46x48-3/16x32-5/8 (1016x1224x829)	319 (144)	
PGD336090L00*C	34,400	13.0	11.0	90,000	79.3	46x48-3/16x32-5/8 (1016x1224x829)	319 (144)	
PGD342060H00*C	40,500	13.2	11.2	60,000	78.5	40x48-3/16x44-1/8 (1016x1224x1123)	411 (186)	
PGD342060L00*C	40,500	13.2	11.2	60,000	78.5	40x48-3/16x44-1/8 (1016x1224x1123)	411 (186)	
PGD342090H00*C	40,500	13.2	11.2	90,000	80.4	40x48-3/16x44-1/8 (1016x1224x1123)	411 (186)	
PGD342090L00*C	40,500	13.2	11.2	90,000	80.4	40x48-3/16x44-1/8 (1016x1224x1123)	411 (186)	

* - 0 = Standard, 1 = Low NOx

Continued on next page

PGD3 (continued)

UNIT PERFORMANO	CE DATA (C	ontinu	ed)					
	Co	oling		Heating				
	Capacity			Input	AFUE		Operating Weight lbs	
Model Number	BTU/h	SEER	EER	BTU/h	%	Height x Width x Depth in (mm)	(kg)	Notes
PGD348090H00*C	46,500	13.2	11.2	90,000	80.4	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGD348090L00*C	46,500	13.2	11.2	90,000	80.4	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGD348115H00*C	46,500	13.2	11.2	115,000	80.3	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGD348115L00*C	46,500	13.2	11.2	115,000	80.3	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGD348130H00*C	46,500	13.2	11.2	130,000	78.9	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGD348130L00*C	46,500	13.2	11.2	130,000	78.9	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGD360090H00*C	57,000	13.4	11.0	90,000	80.4	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGD360090L00*C	57,000	13.4	11.0	90,000	80.4	42x48-3/16x44-1/8 (1016x1224x1123)	419 (190)	
PGD360115H00*C	57,000	13.4	11.0	115,000	80.3	42x48-3/16x44-1/8 (1016x1224x1123)	441 (200)	
PGD360115L00*C	57,000	13.4	11.0	115,000	80.3	42x48-3/16x44-1/8 (1016x1224x1123)	441 (200)	
PGD360130H00*C	57,000	13.4	11.0	130,000	78.9	42x48-3/16x44-1/8 (1016x1224x1123)	441 (200)	
PGD360130L00*C	57,000	13.4	11	130,000	78.9	42x48-3/16x44-1/8 (1016x1224x1123)	441 (200)	

^{* - 0 =} Standard, 1 = Low NOx

13 SEER PACKAGE DUAL FUEL HEAT PUMP, 2.5 to 5 TONS

208/230-3-60

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating, heat pump heating and electric cooling
- · Low NOx units available

BUILT TO LAST

- · Induced-draft combustion and venting
- Direct spark ignition
- Pre-painted steel cabinet
- High efficiency ECM indoor blower motor on all models
- · Stainless steel tubular heat exchanger
- · Vertical condenser fan discharge
- Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 10 year heat exchanger limited warranty
- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMANC	UNIT PERFORMANCE DATA													
	Cooling			Heat P Heat	•	Gas Heating								
Model Number	Capacity BTU/h	SEER	EER	Input BTU/h	HSPF	Input BTU/h	AFUE %	Height x Width x Depth in (mm)	Operating Weight Ibs (kg)	Notes				
PDS330040HGS*C	29,000	13.5	11.5	29,000	7.7	40,000	80.0		365 (165)	110103				
PDS330060HGS*C	29,000	13.5	11.5	29,000	7.7	60,000	80.0	42-1/8x48-3/16x32-5/8	365 (165)					
PDS336060HGS*C	35,000	13.5	11.5	35,000	7.7	60,000	80.0	(1070x1224x829)	372 (168)					
PDS336090HGS*C	35,000	13.5	11.5	35,000	7.7	90,000	79.3		372 (168))					
PDS342060HGS*C	40,000	13.2	11.5	40,000	7.7	60,000	78.5		453 (205)					
PDS342090HGS*C	40,000	13.2	11.5	40,000	7.7	90,000	80.4	44-3/4x48-3/16x44-1/8	453 (205)					
PDS348090HGS*C	47,000	13.5	11.5	46,500	7.7	90,000	80.4	(1137x1224x1123)	474 (215)					
PDS348115HGS*C	47,000	13.5	11.5	46,500	7.7	115,000	80.3	(113/X1224X1123)	474 (215)					
PDS348130HGS*C	47,000	13.5	11.5	46,500	7.7	130,000	78.9		474 (215)					
PDS360090HGS*C	57,000	13.5	11.5	57,000	7.7	90,000	80.4		498 (226)	_				
PDS360115HGS*C	57,000	13.5	11.5	57,000	7.7	115,000	80.3	48-3/4x48-3/16x44-1/8	498 (226)	_				
PDS360130HGS*C	57,000	13.5	11.5	57,000	7.7	130,000	78.9	(1266x1224x1123)	498 (226)					

^{* - 0 =} Standard, 1 = Low NOx

13 SEER PACKAGE DUAL FUEL HEAT PUMP, 2.5 to 5 TONS

208/230-3-60

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- · Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating, heat pump heating and electric cooling
- · Low NOx units available

BUILT TO LAST

- · Induced-draft combustion and venting
- Direct spark ignition
- Pre-painted steel cabinet
- High efficiency ECM indoor blower motor on all models
- · Aluminized steel tubular heat exchanger
- · Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 10 year heat exchanger limited warranty
- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFORMANCE DATA										
			Heat Pump							
	Co	Cooling		Heating		Gas Heating			Operating	
	Capacity			Input		Input	AFUE	Height x Width x Depth	Weight	
Model Number	BTU/h	SEER	EER	BTU/h	HSPF	BTU/h	%	in (mm)	lbs (kg)	Notes
PDD330040H00*C	29,000	13.5	11.5	29,000	7.7	40,000	80.0		365 (165)	
PDD330060H00*C	29,000	13.5	11.5	29,000	7.7	60,000	80.0	42-1/8x48-3/16x32-5/8	365 (165)	
PDD336060H00*C	35,000	13.5	11.5	35,000	7.7	60,000	80.0	(1070x1224x829)	372 (168)	
PDD336090H00*C	35,000	13.5	11.5	35,000	7.7	90,000	79.3		372 (168)	
PDD342060H00*C	40,000	13.2	11.5	40,000	7.7	60,000	78.5		453 (205)	
PDD342090H00*C	40,000	13.2	11.5	40,000	7.7	90,000	80.4	44-3/4x48-3/16x44-1/8	453 (205)	
PDD348090H00*C	47,000	13.5	11.5	46,500	7.7	90,000	80.4	(1137x1224x1123)	474 (215)	
PDD348115H00*C	47,000	13.5	11.5	46,500	7.7	115,000	80.3	(11377122471123)	474 (215)	
PDD348130H00*C	47,000	13.5	11.5	46,500	7.7	130,000	78.9		474 (215)	
PDD360090H00*C	57,000	13.5	11.5	57,000	7.7	90,000	80.4	48-3/4x48-3/16x44-1/8	498 (226)	
PDD360115H00*C	57,000	13.5	11.5	57,000	7.7	115,000	80.3	(1266x1224x1123)	498 (226)	
PDD360130H00*C	57,000	13.5	11.5	57,000	7.7	130,000	78.9	(1200x1224x1120)	498 (226)	

^{* - 0 =} Standard, 1 = Low NOx

13 SEER PACKAGE AIR CONDITIONER, 2.5 to 5 TONS

208/230-3-60, 460-3-60

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- · Copper tube/aluminum fin condenser and evaporator coils

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications

BUILT TO LAST

- Pre-painted steel cabinet
- High efficiency ECM indoor blower motor on all models
- · Vertical condenser fan discharge
- Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFORMANCE DATA							
	Cooling						
	Capacity				Operating		
Model Number	BTU/h	SEER	EER	Height x Width x Depth in (mm)	Weight lbs (kg)	Notes	
PAD330000H000C	28,600	13.5	11.2	42 x 48 3/16 x 32 5/8 (1065 x 1224 x 829)	277 (125)		
PAD336000H000C	34,400	13.0	11.0	46 x 48 3/16 x 32 5/8 (1016 x 1224 x 829)	283 (128)		
PAD336000L000C	34,400	13.0	11.0	46 x 48 3/16 x 32 5/8 (1016 x 1224 x 829)	283 (128)		
PAD342000H000C	40,500	13.2	11.2	40 x 48-3/16 x 44-1/8 (1016 x 1224 x 1123)	369 (167)		
PAD342000L000C	40,500	13.2	11.2	40 x 48-3/16 x 44-1/8 (1016 x 1224 x 1123)	369 (167)		
PAD348000H000C	46,500	13.2	11.2	42 x 48 3/16 x 44 1/8 (1066 x 1224 x1123)	375 (170)		
PAD348000L000C	46,500	13.2	11.2	42 x 48 3/16 x 44 1/8 (1066 x 1224 x1123)	375 (170)		
PAD360000H000C	57,000	13.4	11.0	42 x 48 3/16 x 44 1/8 (1066 x 1224 x1123)	397 (180)		
PAD360000L000C	57,000	13.4	11.0	42 x 48 3/16 x 44 1/8 (1066 x 1224 x1123)	397 (180)		

13 SEER PACKAGE HEAT PUMP, 2.5 to 5 TONS

208/230-3-60, 460-3-60

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models
- Short-cycling protection for the compressor is built into the defrost control board

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- · Combination electric heating and cooling

BUILT TO LAST

- 2" spacing wire grilles standard on all models
- Pre-painted steel cabinet
- High efficiency ECM indoor blower motor on all models
- · Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org

UNIT PERFORMANCE DATA									
	Co	oling		Heat Pu	mp				
Model Number	Capacity BTU/h	SEER	EER	Capacity BTU/h	HSPF	Height x Width x Depth in (mm)	Operating Weight Ibs (kg)	Notes	
PHD330000H000C	29,000	13.5	11.5	29,000	7.7	42 4/9 × 49 2/16 × 22 E/9	332 (150)		
PHD336000H000C	35,000	13.5	11.5	35,000	7.7	42-1/8 x 48-3/16 x 32-5/8 (1070 x 1224 x 829)	336 (152)		
PHD336000L000C	35,000	13.5	11.5	35,000	7.7	(1070 x 1224 x 629)	336 (152)		
PHD342000H000C	40,000	13.2	11.5	40,000	7.7		441 (186)		
PHD342000L000C	40,000	13.2	11.5	40,000	7.7	44-3/4 x 48-3/16 x 44-1/8	441 (186)		
PHD348000H000C	47,000	13.5	11.5	46,500	7.7	(1137 x 1224 x1123)	429 (194)		
PHD348000L000C	47,000	13.5	11.5	46,500	7.7		429 (194)		
PHD360000H000C	57,000	13.5	11.5	57,000	7.7	48-3/4 x 48-3/16 x 44-1/8	454 (206)		
PHD360000L000C	57,000	13.5	11.5	57,000	7.7	(1266 x1224 x 1123)	454 (206)		

PGD3, PGS3, PAD3, PHD3, PDD3, PDS3

Three Phase Model Accessories

Accessories

Accessory Model Number	Description	Use With	Notes
CURBS			
CPRFCURB010A00	Roof Curb, 11" High	30 - 60	
CPRFCURB011A00	Roof Curb, 14" High	30 - 60	
CPRFCURB012A00	Roof Curb, 11" High	42 - 60	
CPRFCURB013A00	Roof Curb, 14" High	42 - 60	
Note: CPRFCURB010A00 & CPR	FCURB011A00 can be used with PGD342-60, PGS342-60, PAD342-60 unit	s with some overha	ng.
ADAPTER CURBS*			
CPADCURB001A00	Adapter Curb for use with NPRFCURB006A00 & NPRFCURB007A00	30 - 36	
CPADCURB002A00	Adapter Curb for use with NPRFCURB008A00 & NPRFCURB009A00	42 - 60	
* Can also be used when replacing	g other manufacturer's older generation units that contains a composite base	without a metal bas	e rail.
CONCENTRIC ADAPTORS -	(Use with curb only)		
NPCONADP001A00	For 18" round duct (use with curbs CPRFCURB010A00, CPRFCURB011A00)	Small Curb	
NPCONADP002A00	For 18" round duct (use with curbs CPRFCURB012A00, CPRFCURB013A00)	Large Curb	
ECONOMIZERS			
CPECOMZR007A00	Dedicated Vertical Economizer - Internal with solid state controller,	30, 36	
CPECOMZR008A00	gear driven, fully modulating damper, spring return actuator, supply	42, 48	
	air sensor, up to 50% barometric relief, supply and dry outdoor air	·	
CPECOMZR009A00	sensors. INcludes filter rack with 1" filter*. Dedicated Horizontal Economizer - Internal with solid state controller,	60	
CPECOMZR010A00	fully modulating damper, spring return actuator, supply air sensor,	30 - 36	
CPECOMZR011A00	outdoor air sensor, and low ambient compressor lockout switch	42 - 48	
CPECOMZR012A00	included. Includes filter rack with 1-inch filters*.	60	
CPRLYKIT001A00	Economizer Relay for Heat Pumps	ALL	
AXB078ENT	Outdoor Enthalpy Control	ALL	
* Outdoor enthalpy available as fie	ld installed accessory; Filter rack and filter same as 'CPFILTRK' kit.		
DAMPERS	·		
CPMANDPR007A00		30 - 36	
CPMANDPR008A00	Manual Outside Air Damper - External w/filter rack and 1" filter	42 - 48	
CPMANDPR009A00		60	
NTERNAL FILTER RACKS			
CPFILTRK007A00		30 - 36	
CPFILTRK008A00	Internal Filter Rack (includes 1-inch filters)	42 - 48	
CPFILTRK009A00		60	
CRANKCASE HEATER - BEL	LY BAND TYPE		
NPCRKHTR008A00	240V Crankcase Heater	30 - 36	
NPCRKHTR004A00	240V Crankcase Heater (Included on 60 size models)	42 - 48	
NPCRKHTR009A00	480V Crankcase Heater	30 - 36	
NPCRKHTR005A00	480V Crankcase Heater (Included on 60 size models)	42 - 48	
LOW AMBIENT, ANTI-CYCLE	TIMER, COMPRESSOR START ASSIST		
	Low Ambient Control - enables cooling system to operate down	A1.1	
CPLOWAMB001A00	to 0 Deg. F by cycling condenser fan on and off.	ALL	
NRTIMEGD001A00	Five Minute Compressor Delay	ALL	
GAS CONVERSION KITS			
NPLPCONV013B00	Natural to LP Conversion Kit (0 - 2000')	ALL	
NPLPCONV014B00	Natural to LP Conversion Kit (2001' - 6000')	ALL	
NPNGCONV004B00	LP to Natural Gas Conversion Kit (0 - 2000')	ALL	
FLUE DISCHARGE DEFLECT	TOR		
CRFLUEDS001A00	Directs flue gas exhaust 90 degrees upward from current discharge. Designed to allow tighter distances between unit and combustible surfaces. 24 inch Height. AGA certified.	ALL	
	Compastible surfaces. 24 Inch Height. AGA Certified.		novt page

continued on next page

PGD3, PGS3, PAD3, PHD3, PDD3, PDS3

Three Phase Model Accessories

Accessories

Accessory Model Number	Description	Use With	Notes					
HAIL GUARDS / COIL PROTECTION FOR PGD3,PGS3, PAD3								
NAPA00501GR	3/8" spacing dense wire grilles	30						
NAPA00901GR	3/8" spacing dense wire grilles	36						
NAPA00601GR	3/8" spacing dense wire grilles	42						
NAPA00801GR	3/8" spacing dense wire grilles	48 - 60						
HAIL GUARDS / COIL PROTE	ECTION FOR PHD3, PDD3, PDS3							
NAPA00501GR	3/8" spacing dense wire grilles	30 - 36						
NAPA00601GR	3/8" spacing dense wire grilles	42 - 48						
NAPA01001GR	3/8" spacing dense wire grilles	60						
DUCT TRANSITIONS								
NPDUCFLG002A00	Square to 14" Round (1 set of 2, use with horizontal duct flanges only)	30 - 48						
ELECTRIC HEATERS FOR P	AD3 208 / 240V (3-Phase)							
MODEL	Nominal Capacity (kW)	Use With	Notes					
EHNA05H0N	3.8 / 5.0	ALL						
EHNA10H0N	7.5 / 10.0	ALL						
EHNA10H6F	7.5 / 10.0	ALL						
EHNA15H0N	11.3 / 15.0	ALL						
EHNA15H6F	11.3 / 15.0	ALL						
EHNA20H6F	15.0 / 20.0	42 - 60						
ELECTRIC HEATERS FOR P	HD3 208 / 240V (3-Phase)							
EHNA05H0N	3.8 / 5.0	ALL						
EHNA10H0N	7.5 / 10.0	30 - 48						
EHNA10H6F	7.5 / 10.0	ALL						
EHNA15H6F	11.3 / 15.0	ALL						
EHNA20H6F	15.0 / 20.0	42 - 60						
ELECTRIC HEATERS FOR F	PAD3 AND PHD3 460V (3-Phase)							
EHNA05L0N	5.0	ALL						
EHNA10L0N	10.0	ALL						
EHNA15L0N	15.0	ALL						
EHNA20L0N	20.0	42 - 60						

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

PGD4, PGS4, PDS4, PDD4, PAD4, PHD4

Three Phase Model Accessories

Accessories

Accessory Model Number	Description	PDS4, PDD4	PGD4, PGS4, PAD4	PHD4	Notes
CURBS	Description	1004	FAD4	FIID4	Notes
CPRFCURB010A00	Roof Curb, 11" High	30	30 - 60	30	
		30		30	
CPRFCURB011A00	Roof Curb, 14" High	36 - 60	30 - 60	36 - 60	
CPRFCURB012A00	Roof Curb, 11" High	36 - 60	42 - 60	36 - 60	
CPRFCURB013A00	Roof Curb, 14" High		42 - 60		
	CPRFCURB011A00 can be used with PGD342-60, PGS342-60, PA	AD342-60	units with some o	vernang.	
ADAPTER CURBS*	A dente Out for we with NDDFOLIDDOOM OO	ı		Г	
CPADCURB001A00	Adapter Curb for use with NPRFCURB006A00 & NPRFCURB007A00	30	30 - 36	30	
CPADCURB002A00	Adapter Curb for use with NPRFCURB008A00 & NPRFCURB009A00	36 - 60	42 - 60	36 - 60	
Can also be used when rep	placing other manufacturer's older generation units that contains a co	mposite ba	ase without a met	al base rail	3
·	RS - (Use with curb only)				
NPCONADP001A00	For 18" round duct (use with curbs CPRFCURB010A00, CPRFCURB011A00)		Small Curb		
NPCONADP002A00	For 18" round duct (use with curbs CPRFCURB012A00, CPRFCURB013A00)		Large Curb		
ECONOMIZERS	(C) 14 (CC) (CC) (CC)				
CPECOMZR007A00	Dedicated Vertical Economizer - Internal with solid state controller, gear driven, fully modulating damper, spring	30	30 - 36	30	
CPECOMZR008A00	return actuator, up to 50% barometric relief, supply and	36 - 42	42 - 48	36 - 42	
CPECOMZR009A00	outdoor air sensors. Includes filter rack with 1" filters*.		60	48 - 60	
CPECOMZR010A00	Dedicated Horizontal Economizer - Internal with solid state controller, fully modulating damper, spring return actuator,	30	30 - 36	30	
CPECOMZR011A00	supply air sensor, outdoor air sensor, and low ambient compressor lockout switch included. Includes filter rack	36 - 42	42 - 48	36 - 42	
CPECOMZR012A00	with 1-inch filters*.	48 - 60	60	48 - 60	
CPRLYKIT001A00	Economizer Relay for Heat Pumps		ALL	•	
AXB078ENT	Outdoor Enthalpy Control		ALL		
Outdoor enthalpy available	as field installed accessory; Filter rack and filter same as 'CPFILTR	(' kit.		<u> </u>	
DAMPERS					
CPMANDPR007A00	Mary 10 (title A) Danier 5 (title 1 177)	30	30 - 36	30	
CPMANDPR008A00	Manual Outside Air Damper - External w/filter rack and 1"	36 - 42	42 - 48	36 - 42	
CPMANDPR009A00	filter	48 - 60	60	48 - 60	
NTERNAL FILTER RAC	KS				
CPFILTRK007A00		30	30 - 36	30	
CPFILTRK008A00	Internal Filter Rack (includes 1-inch filters)	36 - 42	42 - 48	36 - 42	
CPFILTRK009A00	1	48 - 60	60	48 - 60	
LOW AMBIENT, ANTI-C	YCLE TIMER	1.0 00			
		1			
CPLOWAMB001A00*	Low Ambient Control - enables cooling system to operate down to 0 Deg. F by cycling condenser fan on and off.*		ALL		
NRTIMEGD001A00	Five Minute Compressor Delay		ALL		
	ed with this Low Ambient Control when used in heat pump app	olication			
GAS CONVERSION KITS					
NIDI DOGNII (O LODGO	N + 1 + 1 D O	I	A 1 1	T	

continued on next page

ALL

ALL

ALL

Natural to LP Conversion Kit (0 - 2000')

Natural to LP Conversion Kit (2001' - 6000')

LP to Natural Gas Conversion Kit (0 - 2000')

NPLPCONV013B00

NPLPCONV014B00

NPNGCONV004B00

PGD4, PGS4, PDS4, PDD4, PAD4, PHD4

Three Phase Model Accessories

Accessories (cont.)

		Use With						
Accessory		PDS4,	PGD4, PGS4,					
Model Number	Description	PDD4	PAD4	PHD4	Notes			
FLUE DISCHARGE DEFL	ECTOR							
CRFLUEDS001A00	Directs flue gas exhaust 90 degrees upward from current discharge. Designed to allow tighter distances between unit and combustible surfaces. 24 inch Height. AGA certified.		ALL					
DUCT TRANSITIONS								
NPDUCFLG002A00	Square to 14" Round (1 set of 2, use with horizontal duct flanges only)		30 - 48					
ELECTRIC HEATERS FO	PR PAD4 208 / 240V (3-Phase)							
MODEL	Nominal Capacity (kW)				Notes			
EHNA05H0N	3.8 / 5.0	-	ALL					
EHNA10H0N	7.5 / 10.0	-	ALL					
EHNA10H6F	7.5 / 10.0	-	ALL					
EHNA15H0N	11.3 / 15.0	-	ALL	ALL				
EHNA15H6F	11.3 / 15.0	-	- ALL					
EHNA20H6F	15.0 / 20.0	-	42 - 60	1				
ELECTRIC HEATERS FO	PR PHD4 208 / 240V (3-Phase)							
EHNA05H0N	3.8 / 5.0	-	ALL					
EHNA10H0N	7.5 / 10.0	-	30 - 42					
EHNA10H6F	7.5 / 10.0	-	ALL					
EHNA15H0N	N/A	-	N/A					
EHNA15H6F	11.3 / 15.0	-	ALL					
EHNA20H6F	15.0 / 20.0	-	42 - 60)				
ELECTRIC HEATERS FO	ELECTRIC HEATERS FOR PAD4 AND PHD4 460V (3-Phase)							
EHNA05L0N	5.0	-	ALL					
EHNA10L0N	10.0	-	ALL					
EHNA15L0N	15.0	-	ALL					
EHNA20L0N	20.0	-	42 - 60					

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

Accessories

Accessory						
Model Number	Description	PGR5	PAR5	PHR5	Notes	
CURBS						
CPRFCURB010A00	Roof Curb, 11" High		36 - 60			
CPRFCURB011A00	Roof Curb, 14" High		36 - 60			
CPRFCURB012A00	Roof Curb, 11" High		36 - 60			
CPRFCURB013A00	Roof Curb, 14" High		36 - 60			
Note: CPRFCURB010A00 8	& CPRFCURB011A00 can be used with 36-60 units with some overhang.					
ADAPTER CURBS*						
CPADCURB001A00	Adapter Curb for use with NPRFCURB006A00 & NPRFCURB007A00		30			
CPADCURB002A00	Adapter Curb for use with NPRFCURB008A00 & NPRFCURB009A00		36 - 60			
* Can also be used when re	placing other manufacturer's older generation units that contains a composi-	site base w	ithout a me	tal base rail.		
CONCENTRIC ADAPTE	RS - (Use with curb only)					
NPCONADP001A00	For 18" round duct (use with curbs CPRFCURB010A00, CPRFCURB011A00)		24 - 30			
NPCONADP002A00	For 18" round duct (use with curbs CPRFCURB012A00, CPRFCURB013A00)		36 - 60			
DAMPERS						
CPMANDPR007A00	Manual Outside Air Danies and the City		30			
CPMANDPR008A00	Manual Outside Air Damper - includes filter rack and 1" filter -		36 - 42			
CPMANDPR009A00	same as CPFILTRK kit)		48 - 60			
INTERNAL FILTER RAC	KS					
CPFILTRK007A00			30			
CPFILTRK008A00	Internal Filter Rack (includes 1-inch filters)		36 - 42			
CPFILTRK009A00			48 - 60			
LOW AMBIENT, ANTI-C	YCLE TIMER, COMPRESSOR START ASSIST					
CPLOWAMB001A00	Low Ambient Control - enables cooling system to operate down to 0 Deg. F by cycling condenser fan on and off.		ALL			
NRTIMEGD001A00	Five Minute Compressor Delay		ALL			
NPHSTART001A00	PTC Compressor Start Assist Kit		ALL			
GAS CONVERSION KIT						
NPLPCONV013B00	Natural to LP Conversion Kit (0 - 2000')	ALL	N/A	N/A		
NPLPCONV014B00	Natural to LP Conversion Kit (2001' - 6000')	ALL	N/A	N/A		
NPNGCONV004B00	LP to Natural Gas Conversion Kit (0 - 2000')	ALL	N/A	N/A		
FLUE DISCHARGE DEF	, ,					
CRFLUEDS001A00	Directs flue gas exhaust 90 degrees upward from current discharge. Designed to allow tighter distances between unit and combustible surfaces. 24 inch Height. AGA certified.		ALL			
DUCT TRANSITIONS						
NPDUCFLG002A00	Square to 14" Round (1 set of 2, use with horizontal duct flanges only)		30 - 48			
ECONOMIZER						
ECD-EDSML-JC2-ADB*	Two-stage compatible vertical economizer with Jade Honeywell		30			
ECD-EDLGS-JC2-ADB*	W7220 controller, Honeywell actuator, and dry bulb sensor. (Contact MicroMetl Customer Service at 1-800-662-4822 to		36 - 42			
ECD-EDLGB-JC2-ADB*	order)		48 - 60			
ECH-EDSML-JC2-ADB*	Two-stage compatible horizontal economizer with Jade		30			
ECH-EDLGS-JC2-ADB*	Honeywell W7220 controller, Honeywell actuator, and dry bulb sensor. (Contact MicroMetl Customer Service at 1-800-662-		36 - 42			
ECH-EDLGB-JC2-ADB*	4822 to order)		48 - 60			
* Contact MircoMetl Cu	ustomer Service at 1-800-662-4822 to order					

Accessories (cont.)

Accessory Model Number	Description	PGR5	PAR5	Notes	
THERMOSTATS					
TSTAT0406	Universal Programmable Thermostat, Dual Fuel compatible, 2-stage cool, 2-stage gas heat, 2-stage HP heat, 2-stage electric heat		ALL		
TSTAT0408	Universal Programmable Thermostat with Humidity Sensing and Control, Dual Fuel compatible, 2-stage cool, 2-stage gas heat, 2-stage HP heat, 2-stage electric heat	ALL			
TSTAT0101SC	Observer Communicating Touchscreen Thermostat with Humidity Sensing and Control, Dual Fuel compatible, 2-stage cool, 2-stage gas heat, 2-stage HP heat, 2-stage electric heat	ALL			
NAXA00101DB	Daughter Board, use with communicating thermostat TSTAT0101SC and non-communicating equipment	ALL			

Daughter Board required for use with TSTAT0101SC and non-communicating unit.

ELECTRIC HEATERS					
MODEL	Nominal Capacity (kW) - Fused/Stages	PGR5	PAR5	PHR5	Notes
EHNA05H0N	3.8/5.0 - No/2	N/A	30 - 60	30 - 60	
EHNA10H0N	7.5/10.0 - No/2	N/A	30 - 60	30 - 48	
EHNA10H6F	7.5/10.0 - Yes/2	N/A	30 - 60	30 - 60	
EHNA15H0N	11.3/15.0 - No/2	N/A	30 - 60	N/A	
EHNA15H6F	11.3/15.0 - Yes/2	N/A	30 - 60	30 - 60	
EHNA20H6F	15.0/20.0 - Yes/2	N/A	42 - 60	42 - 60	
DUAL POINT WIRING K	Т				
DPDUALPT001A00	Dual Point Wiring Kit for 5 - 20 kW Heaters	N/A	ALL	ALL	
CRANKCASE HEATER (Factory installed on some models)				
CPCRKHTR008A00	Crankcase Heater	30 - 36	30 - 36	N/A	
CPCRKHTR004A00	Crankcase Heater	42 - 48	42 - 48	48	

EFFICIENT 13 SEER 3-PHASE AIR CONDITIONER ENVIRONMENTALLY SOUND R-410A REFRIGERANT

3 THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 3-phase, 60 Hz 460 Volt, 3-phase, 60 Hz REFRIGERATION CIRCUIT

- Copeland Scroll™ compressors on all models
- Filter-Drier supplied with every unit for field installation
- External high and low refrigerant service ports
- Low ambient feature allows safe operation down to 20°F(-7°C) outdoor temperature
- Copper tube/aluminum fin coil

PERFORMANCE

Compressor sound jacket standard

EASY TO INSTALL AND SERVICE

- Comfort Alert™ Diagnostics device on all models
- Easy access service valves on all models
- Innovative control box design
- High and low pressure switches
- Fan motor in-line disconnect plug
- Only two screws to access control panel
- · Factory charged with R-410A refrigerant

BUILT TO LAST

- · High gloss, baked-on powder coat finish over galvanized steel
- · Post-painted (black) coil fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- · Corner posts for extra strength and style

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.







ose of the AFRC Certified IN Main indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFO	RMANCE	DATA						
					Max.			
				Min.	Fuse			
Model		Size	Nominal	Circuit	or	Operating Dimensions	Ship / Operating	
Number	Voltage	(tons)	Btu/hr	A mpacity	Breaker	h x w x d in. (mm)	Weight lbs. (kg)	Notes
H4A336GHD	208/230	3	36,000	14.2	20	25-3/16 x 31-3/16 x 31-3/16	196/160 (89 / 73)	
H4A336GLD	460	3	3 36,000 -	7.7	15	(640 x 793 x 793)	130/100 (03/73)	
H4A342GHD	208/230	3½	42,000	18.0	30	32 x 31-3/16 x 31-3/16	230/195 (104/89)	
H4A342GLD	460	3/2	42,000	8.0	15	(813 x 793 x 793)	230/193 (104/09)	
H4A348GHD	208/230	4	48,000	17.6	30	35-3/8 x 31-3/16 x 31-3/16	243/203 (110/92)	
H4A348GLD	460	4	40,000	8.2	15	(899 x 793 x 793)	243/203 (110/92)	
H4A360GHD	208/230	5	60,000	21.2	30	28-9/16 x 31-3/16 x 31-3/16	250/215 (113/98)	
H4A360GLD	460		00,000	10.3	20	(726 x 793 x 793)	230/213 (113/90)	

EFFICIENT 13 SEER 3-PHASE AIR CONDITIONER ENVIRONMENTALLY SOUND R-410A REFRIGERANT

2½ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 3-phase, 60 Hz 460 Volt, 3-phase, 60 Hz 575 Volt, 3-phase, 60 Hz REFRIGERATION CIRCUIT

- Scroll compressors on all models
- Filter-Drier supplied with every unit for field installation
- · Copper tube/aluminum fin coil

EASY TO INSTALL AND SERVICE

- Easy access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- Baked-on powder coat finish over galvanized steel
- · Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFOR	MANCE DA	TA						
Model Number	Voltage	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions h x w x d in. (mm)	Ship / Operating Weight lbs. (kg)	Notes
N4A330GHC	208/230	2½	30,000	11.2	20	28-11/16 x 23-1/2 x 23-1/2 (729 x 597 x 597)	136 / 111 (62 / 50)	
N4A336GHB	208/230			14.5	20	31-13/16 x 25-3/4 x 25-3/4	170 / 141	
N4A336GLB	460	3	36,000	7.7	15		(77 / 64)	
N4A336GSB	575			5.3 15 (808 x 654 x 654)	(77704)			
N4A342GHA	208/230	3½	42,000	18	30	32-5/16 x 31-3/16 x 31-3/16	208 / 180	
N4A342GLA	460	3/2	42,000	8.1 15 (821 x 792 x 792)		(821 x 792 x 792)	(94 / 82)	
N4A348GHB	208/230			17.8	30	25 2/4 × 24 2/46 × 24 2/46	216 / 179	
N4A348GLB	460	4	48,000	8.3	15	35-3/4 x 31-3/16 x 31-3/16 (908 x 792 x 792)	(98 / 81)	
N4A348GSB	575			6	15	(300 × 132 × 132)	(90701)	
N4A360GHC	208/230			21.4	30	20.45/40 24.2/40 24.2/40	224 / 192	
N4A360GLC	460	5	60,000	10.5	15	28-15/16 x 31-3/16 x 31-3/16 (735 x 792 x 792)	(102 / 87)	
N4A360GSC	575			7.6	15	(100 x 102 x 102)	(102/67)	



R2A3**GHR

3-PHASE AIR CONDITIONER COMPONENT

2-1/2 THRU 5 TONS 208 / 230 Volt, 3-phase, 60 Hz

REFRIGERATION CIRCUIT

- Scroll compressors on all models
- · Compressors contain proper charge of mineral oil
- · Copper tube/aluminum fin coil

EASY TO INSTALL AND SERVICE

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- · Factory charged with dry nitrogen holding charge
- For use with R-22 refrigerant

BUILT TO LAST

- Pre-painted cabinet finish over galvanized steel
- · Post-painted (black) coil fins
- Coated inlet grille with with 3/8" (10mm) spacing for extra protection (hail guard)



- 1 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.





UNIT PERFO	RMANC	E DATA					
Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight lbs. (kg)	Notes
R2A330GHR	2½	30,000	10.70	15	28-7/16 x 23-1/8 x 23-1/8 (722 x 587 x 587)	131 / 117 (59 / 53)	
R2A336GHR	3	36,000	14.60	20	24-13/16 x 31-3/16 x 31-3/16 (630 x 792 x 792)	163 / 141 (74 / 64)	
R2A342GHR	3½	42,000	16.70	25	31-13/16 x 31-3/16 x 31-3/16 (808 x 792 x 792)	195 / 172 (88 / 78)	
R2A348GHR	4	48,000	17.40	25	42 x 31-3/16 x 31-3/16 (1067 x 792 x 792)	219 / 184 (99 / 84)	
R2A360GHR	5	60,000	20.70	30	35-3/16 x 31-3/16 x 31-3/16 (894 x 792 x 792)	240 / 217 (108 / 98)	

R-410A Ducted Horizontal Air Conditioner ENVIRONMENTALLY SOUND R-410A REFRIGERANT

3 THRU 5 TONS 208 / 230 Volt, 3-phase 460 Volt, 3-phase ENERGY EFFICIENCY

• 13 - 14.5 SEER/11 - 12 EER

SOUND

• Levels as low as 70 dBA

DESIGN FEATURES

- · Matched with ducted indoor units
- Ideal for multi-family use
- Small footprint "stackable"
- Weather-resistant cabinet
 - All steel cabinet construction
 - Baked on powder paint
 - Mesh coil guard

RELIABILITY, QUALITY, AND TOUGHNESS

- Scroll compressor
- Factory-supplied filter drier
- Factory installed Crankcase Heater on 3 through 5 ton models
- High pressure switch
- Line lengths up to 200 feet (61m) (see Long Line Application Guideline)
- 65 foot (20m) lift (see Long Line Application Guideline)
- Low ambient operation (down to -20°F/-28.9°C) with low ambient accessories
- · Installation as close as 6 inches (25mm) from wall

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.









Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMANCE DATA							
Model Number	Voltage	Size (tons)	Nominal Btu/hr	Operating Weight lbs. (kg)	Notes		
HC4A336AHA	208/230	3	36,000	218 (99)			
HC4A336ALA	460	3		210 (99)			
HC4A348AHA	208/230	4	40.000	284 (129)			
HC4A348ALA	460	4	48,000	204 (129)			
HC4A360AHA	208/230	5	60,000	294 (134)			
HC4A360ALA	460	5	00,000	294 (134)			

COMMERCIAL SPLIT SYSTEM CONDENSING UNITS R-410A 6 - 20 TONS

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- Single stage cooling capacity control on all 072-241 models
- Two stage cooling capacity control on all 120-240 models
- Round copper tube aluminum plate fin (RTPF) condenser coils on all models
- Brass suction and liquid line service valves
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Galvanized steel cabinet with pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- · Fully hermetic scroll compressor with crankcase heater
- · Compressor mounted on independent vibration isolators
- Comfort AlertTM Diagnostic Board LED Go-No-Go and fault code Built in time guard anti-short cycle Phase protection

Fault code retention logic

Low volt compressor contactor protector

- · All units have high and low pressure switches
- Direct drive permanently lubricated condenser fan motors
- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Outdoor temperature cooling operation range up to 125°F (52°C) and down to 40°F (4°C) using winter start kit
- Models with optional low ambient control provide cooling operation down to -20°F (-29°C)
- · All units factory run tested

WARRANTY

- 5 year compressor limited warranty
- 1 year parts limited warranty See warranty certificate for complete details.



indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org



CAS072-151





UNIT PERFORMANCE DATA - Single Circuit								
			Cooling					
		Nom.	Net		Total		Operating	
	Cooling	Capacity	Capacity		Power	Height x Width x Depth	Weight	
Model Number	Circuits	Ton	BTU/h	EER	(kW)	in (mm)	lbs (kg)	Notes
CAS072HAA0A00A	1	6.0	71,000	11.5	6.2	42-3/8 x 59-3/8 x 45-7/8	389 / 176	
CAS072HBA0A00A*	1	6.0	71,000	11.5	6.2	(1076 x 1509 x 1165)	389 / 176	
CAS072LAA0A00A	1	6.0	71,000	11.5	6.2	(1070 x 1309 x 1103)	389 / 176	
CAS072LBA0A00A*	1	6.0	71,000	11.5	6.2	42-3/8 x 59-3/8 x 45-7/8	389 / 176	
CAS072SAA0A00A	1	6.0	71,000	11.5	6.2	(1076 x 1509 x 1165)	389 / 176	
CAS072SBA0A00A*	1	6.0	71,000	11.5	6.2	(1070 x 1309 x 1103)	389 / 176	
CAS091HAA0A00A	1	7.5	92,000	11.2	8.2	42-3/8 x 59-3/8 x 45-7/8	391 / 177	
CAS091HBA0A00A*	1	7.5	92,000	11.2	8.2	(1076 x 1509 x 1165)	391 / 177	
CAS091LAA0A00A	1	7.5	92,000	11.2	8.2	(1070 x 1309 x 1103)	391 / 177	
CAS091LBA0A00A*	1	7.5	92,000	11.2	8.2	42-3/8 x 59-3/8 x 45-7/8	391 / 177	
CAS091SAA0A00A	1	7.5	92,000	11.2	8.2	(1076 x 1509 x 1165)	391 / 177	
CAS091SBA0A00A*	1	7.5	92,000	11.2	8.2	(1070 x 1303 x 1103)	391 / 177	
CAS121HAA0A00A	1	10.0	117,000	11.2	10.4	50-3/8 x 59-3/8 x 45-7/8	490 / 222	
CAS121HBA0A00A*	1	10.0	117,000	11.2	10.4	(1279 x 1509 x 1165)	490 / 222	
CAS121LAA0A00A	1	10.0	117,000	11.2	10.4	50-3/8 x 59-3/8 x 45-7/8	490 / 222	
CAS121LBA0A00A*	1	10.0	117,000	11.2	10.4	(1279 x 1509 x 1165)	490 / 222	

^{*} Models with optional low ambient control

Continued on Next Page

CAS (continued)

UNIT PERFORMANCE	DATA - S	ingle Ciruit	•				, ,	
			Cooling		1			
		Nom.	Net		Total	l	Operating	
	_		Capacity		Power	Height x Width x Depth	Weight	
Model Number	Circuits	Ton	BTU/h	EER	(kW)	in (mm)	lbs (kg)	Notes
CAS121SAA0A00A	1	10.0	117,000	11.2	10.4	50-3/8 x 59-3/8 x 45-7/8	490 / 222	
CAS121SBA0A00A*	1	10.0	117,000	11.2	10.4	(1279 x 1509 x 1165)	490 / 222	
CAS151HAA0A00A	1	12.5	148,000	11.0	13.5	50-3/8 x 59-3/8 x 45-7/8	598 / 271	
CAS151HBA0A00A*	1	12.5	148,000	11.0	13.5	(1279 x 1509 x 1165)	598 / 271	
CAS151LAA0A00A	1	12.5	148,000	11.0	13.5	50-3/8 x 59-3/8 x 45-7/8	598 / 271	
CAS151LBA0A00A*	1	12.5	148,000	11.0	13.5	(1279 x 1509 x 1165)	598 / 271	
CAS151SAA0A00A	1	12.5	148,000	11.0	13.5	50-3/8 x 59-3/8 x 45-7/8	598 / 271	
CAS151SBA0A00A*	1	12.5	148,000	11.0	13.5	(1279 x 1509 x 1165)	598 / 271	
CAS181HAA0A00A	1	15.0	184,000	11.2	16.4	50-3/8 x 86-3/8 x 45-7/8	731 / 322	
CAS181HBA0A00A*	1	15.0	184,000	11.2	16.4	(1279 x 2193 x 1165)	731 / 322	
CAS181LAA0A00A	1	15.0	184,000	11.2	16.4	50-3/8 x 86-3/8 x 45-7/8	731 / 322	
CAS181LBA0A00A*	1	15.0	184,000	11.2	16.4	(1279 x 2193 x 1165)	731 / 322	
CAS181SAA0A00A	1	15.0	184,000	11.2	16.4	50-3/8 x 86-3/8 x 45-7/8	731 / 322	
CAS181SBA0A00A*	1	15.0	184,000	11.2	16.4	(1279 x 2193 x 1165)	731 / 322	
CAS241HAA0A00A	1	20.0	240,000	11.0	21.8	50-3/8 x 86-3/8 x 67-1/8	978 / 444	
CAS241HBA0A00A*	1	20.0	240,000	11.0	21.8	(1279 x 2193 x 1704)	978 / 444	
CAS241LAA0A00A	1	20.0	240,000	11.0	21.8	50-3/8 x 86-3/8 x 67-1/8	978 / 444	
CAS241LBA0A00A*	1	20.0	240,000	11.0	21.8	(1279 x 2193 x 1704)	978 / 444	
CAS241SAA0A00A	1	20.0	240,000	11.0	21.8	50-3/8 x 86-3/8 x 67-1/8	978 / 444	
CAS241SBA0A00A*	1	20.0	240,000	11.0	21.8	(1279 x 2193 x 1704)	978 / 444	
UNIT PERFORMANCE	DATA - [Dual Circuit			•	,		
CAS120HDA0A00A	2	10.0	117,000	11.2	10.4	50-3/8 x 59-3/8 x 45-7/8	516 / 234	
CAS120HEA0A00A*	2	10.0	117,000	11.2	10.4	(1279 x 1509 x 1165)	516 / 234	
CAS120LDA0A00A	2	10.0	117,000	11.2	10.4	50-3/8 x 59-3/8 x 45-7/8	516 / 234	
CAS120LEA0A00A*	2	10.0	117,000	11.2	10.4	(1279 x 1509 x 1165)	516 / 234	
CAS120SDA0A00A	2	10.0	117,000	11.2	10.4	50-3/8 x 59-3/8 x 45-7/8	516 / 234	
CAS120SEA0A00A*	2	10.0	117,000	11.2	10.4	(1279 x 1509 x 1165)	516 / 234	
CAS150HDA0A00A	2	12.5	148,000	11.0	13.5	50-3/8 x 59-3/8 x 45-7/8	654 / 297	
CAS150HEA0A00A*	2	12.5	148,000	11.0	13.5	(1279 x 1509 x 1165)	654 / 297	
CAS150LDA0A00A	2	12.5	148,000	11.0	13.5	50-3/8 x 59-3/8 x 45-7/8	654 / 297	
CAS150LEA0A00A*	2	12.5	148,000	11.0	13.5	(1279 x 1509 x 1165)	654 / 297	
CAS150SDA0A00A	2	12.5	148,000	11.0	13.5	50-3/8 x 59-3/8 x 45-7/8	654 / 297	
CAS150SEA0A00A*	2	12.5	148,000	11.0	13.5	(1279 x 1509 x 1165)	654 / 297	
CAS180HDA0A00A	2	15.0	184,000	11.2	16.4	50-3/8 x 86-3/8 x 45-7/8	731 / 322	
CAS180HEA0A00A*	2	15.0	184,000	11.2	16.4	(1279 x 2193 x 1165)	731 / 322	
CAS180LDA0A00A	2	15.0	184,000	11.2	16.4	50-3/8 x 86-3/8 x 45-7/8	731 / 322	
CAS180LEA0A00A*	2	15.0	184,000	11.2	16.4	(1279 x 2193 x 1165)	731 / 322	
CAS180SDA0A00A	2	15.0	184,000	11.2	16.4	50-3/8 x 86-3/8 x 45-7/8	731 / 322	
CAS180SEA0A00A*	2	15.0	184,000	11.2	16.4	(1279 x 2193 x 1165)	731 / 322	
CAS240HDA0A00A	2	20.0	240,000	11.0	21.8	50-3/8 x 86-3/8 x 67-1/8	978 / 444	
CAS24011DA0A00A*	2	20.0	240,000	11.0	21.8	(1279 x 2193 x 1704)	978 / 444	
CAS240HEA0A00A CAS240LDA0A00A	2	20.0	240,000	11.0	21.8	50-3/8 x 86-3/8 x 67-1/8	978 / 444	
	2		·		21.8	(1279 x 2193 x 1704)		
CAS240LEA0A00A*		20.0	240,000	11.0		,	978 / 444	
CAS240SDA0A00A	2	20.0	240,000	11.0	21.8	50-3/8 x 86-3/8 x 67-1/8	978 / 444	
CAS240SEA0A00A*	2	20.0	240,000	11.0	21.8	(1279 x 2193 x 1704)	978 / 444	

^{*} Models with optional low ambient control

Accessories Air Conditioners

	N4A3, H4A3 (3-Phase R-410A Air Conditioner)		
Part Number	Description	Used On Model Size	Notes
NASA003CH	Crankcase Heater for Scroll Compressor (208/230 V)	30, 36	
NASA00301CH	Crankcase Heater for Scroll Compressor (460 V)	42, 48, 60	
NASA004CH	Crankcase Heater for Scroll Compressor (460 V)	36	
NASA001CH	Crankcase Heater for Scroll Compressor (208/230 V)	42, 48, 60	
NASA00701CH	Crankcase Heater for Scroll Compressor (575 V)	N4A3-36	
NASA00801CH	Crankcase Heater for Scroll Compressor (575 V)	N4A3-48, 60	
NASA001FS	Evaporator Freeze Thermostat	ALL	
NASA403PS	Low Pressure Switch, AC, R-410A	N4A3-ALL	
NASA404PS	High Pressure Switch, AC or HP, R-410A	N4A3-ALL	
NASA401LS	Liquid Line Solenoid Valve, R-410A	ALL	
NASA001TD	Time Delay Relay, Indoor Blower	ALL	
NASA00201WS	Winter Start Control	ALL	
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL	
NASA401LA	Low Ambient Pressure Switch	N4A3-ALL	
NASA001SF	Support Feet, 4" tall	ALL	
NASA001SJ	Sound Jacket, Compressor	N4A3-30, 36, 42, 48	
NASA003SJ	Sound Jacket, Compressor	N4A3-60	
NAEA40501TX	TXV Kit, R-410A - 2010 and later Piston Coils	N4A3-30	
NAEA40601TX	TXV Kit, R-410A - 2010 and later Piston Coils	36, 42	
NAEA40701TX	TXV Kit, R-410A - 2010 and later Piston Coils	48, 60	
EBAC05TXVX	TXV Kit, R410A 20052009 R22 TXV Fancoils (air handlers)	N4A3-30	
EBAC06TXVX	TXV Kit, R410A 20052009 R22 TXV Fancoils (air handlers)	36, 42	
EBAC07TXVX	TXV Kit, R410A 20052009 R22 TXV Fancoils (air handlers)	48, 60	

	R2A3**GHR (3-Phase Air Conditioner Component)							
Part Number	Description	Used On Model Size	Notes					
NASA001FS	Evaporator Freeze Thermostat	ALL						
NASA203PS	Low Pressure Switch	ALL						
NASA204PS	High Pressure Switch	ALL						
NASA201LS	Liquid Line Solenoid Valve	ALL						
NASA001TD	Time Delay Relay, Indoor Blower	ALL						
NASA00201WS	Winter Start Control	ALL						
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL						
NASA201LA	Low Ambient Kit (Pressure Switch)	ALL						
NASA001SF	Support Feet, 4" (102mm) tall	ALL						
NASA003CH	Crankcase Heater for Compressor	30, 36						
NASA001CH	Crankcase Heater for Compressor	42, 48, 60						
NASA001SJ	Sound Jacket, Compressor	30, 36, 42, 48						
NASA003SJ	Sound Jacket, Compressor	60						
AMF153TKB	TXV Kit, R-22 (converts R-22 piston coils to R-22 TXV)	30, 36						
AMF355TKB	TXV Kit, R-22 (converts R-22 piston coils to R-22 TXV)	42, 48, 60						
	COME MODEL O MAY BE EASTORY INSTALLE		•					

SOME MODELS MAY BE FACTORY INSTALLED.

Accessories Ducted Horizontal Air Conditioners

	HC4A3 (R-410A Air Conditioner)						
Part Number	Description	Used On Model Size	Notes				
NASA001TD	TIME DELAY KIT	All					
EBAC06TXVX	TXV KIT, R-410A	36					
EBAC07TXVX	2005-2009 R-22 TXV	48					
EBAC08TXVX	Fan coils (air handlers)	60					
NAEA40601TX	TXV KIT, R-410A	36					
NAEA40701TX	2010 and later Piston coils	48					
NASA402LA	LOW AMBIENT KIT	All					
NASA001FS	FRZ THERM KIT	All					
NASA00201WS	WINTER ST KIT	All					
NASA001CH	CRANKCASE HEATER KIT	48AH*, 60AH*					
NASA002CH	CRANKCASE HEATER KIT	48AL*, 60AL*					
NASA003CH	CRANKCASE HEATER KIT	36AH*					
NASA004CH	CRANKCASE HEATER KIT	36AL*					
NASA001SJ	SOUND JACKET KIT	48, 60					
NASA002SJ	SOUND JACKET KIT	36					
NASA001LS	SOL VALVE KIT	All					
NASA001SC	PTC KIT	All					
NASA003SC	HARD START KIT	All					
NASA001AC	CYCLE PROTECTOR KIT	All					
NASA00301WB	WIND BAFFLE KIT	36					
NASA00401WB	WIND BAFFLE KIT	48, 60					
NASA00201SG	STACKING KIT	36, 48, 60					
NASA00201WM	WALL MOUNT KIT	36, 48, 60					

^{*}Factory Installed

CAS072 - 240

Accessories

Accessory Model Number		Accessories	Notes
LOW AMBIENT CONTROLS			
CALOWAMB030A00		072, 091, 121, 151, 120, 150	
CALOVAIVIBOSOAOO		(208/230-3-60v only)	
CALOWAMB031A00		072, 091 (460-3-60v only)	
CALOWAMB032A00		121, 151, 120, 150	
CALOVAIVIBU3ZAUU		(460-3-60v only)	
CALOWAMBOSSAGO		072, 091, 121, 151	
CALOWAMB033A00		(575-3-60v only)	
CALOWAMB037A00		181 (208/230-3-60v only)	
CALOWAMB038A00	Low Ambient Temperature Head	181 (460-3-60v only)	
CALOWAMB039A00	Pressure Contoller, allows cooling	181 (575-3-60v only)	
CALOWAMB018A00	operation down to −20°F by varying	241 (208/230-3-60v only)	
CALOWAMB019A00	the speed on the condenser fan.	241 (460-3-60v only)	
CALOWAMB020A00		241 (575-3-60v only)	
CALOWAMB036A00		120, 150 (208/230-3-60v only)	
CALOWAMB040A00		180 (208/230-3-60v only)	
CALOWAMB041A00		180 (460-3-60v only)	
CALOWAMB042A00		180 (575-3-60v only)	
CALOWAMB021A00		240 (208/230-3-60v only)	
CALOWAMB022A00		240 (460-3-60v only)	
CALOWAMB023A00		240 (575-3-60v only)	
LOUVERED HAIL GUARDS	- CONDENSER COIL		
CALVHLGD005A00		072	
CALVHLGD006A00	Louvered Condenser Coil Hail Guard -	090, 091	
CALVHLGD011A00	Includes louvered panel(s) to protect	120,121	
CALVHLGD012A00	condenser coil from damage and	150,151	
CALVHLGD008A00	vandalism	180,181	
CALVHLGD009A00		240,241	
LIQUID LINE SOLENOID VA	ALVES (LLSV)		
1179871	Liquid Line Solenoid Valve	3/8" L [‡]	
1179872	Liquid Line Solenoid Valve	1/2" L	
1179873	Liquid Line Solenoid Valve	5/8" L	
1178274	Solenoid Coil	ALL LLSVs listed	
SIGHT GLASSES **	O'alat Olara	0.001.1	
1179879	Sight Glass	3/8" L	
1179877	Sight Glass	1/2" L	
1179878	Sight Glass	5/8" L	

L - Liquid line

[‡]Bushings required

L - Liquid line

 $^{^{\}dagger}$ LLSV must be installed at the INDOOR unit

^{**} Available from FAST Parts

EFFICIENT 13 SEER 3-PHASE HEAT PUMP ENVIRONMENTALLY SOUND R-410A REFRIGERANT

2-1/2 THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 3-phase, 60 Hz 460 Volt, 3-phase, 60 Hz

- REFRIGERATION CIRCUIT

 Copeland Scroll™ compressors on all models
- Crankcase heaters factory installed on all models
- Suction line accumulator factory installed
- Bi-flow filter-drier included for field installation
- Integrated solid state control with Time-Temperature Defrost
- · High and low pressure switches
- · Copper tube / aluminum fin coil

PERFORMANCE

· Compressor sound jacket standard

EASY TO INSTALL AND SERVICE

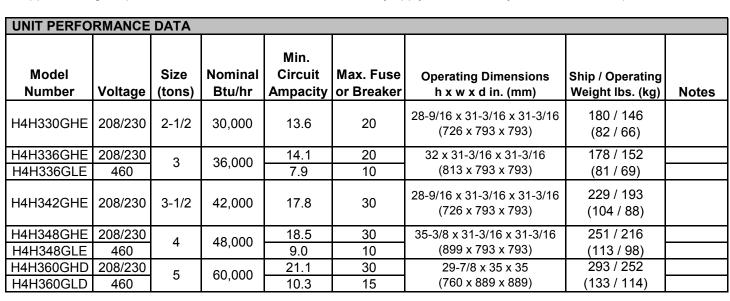
- Comfort Alert™ Diagnostics device on all models
- Easy access service valves on all models
- · Innovative control box design
- External high and low refrigerant service ports
- · Fan motor in-line disconnect plug
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- High gloss, baked-on powder coat finish over galvanized steel
- · Post-painted (black) coil fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- · Corner posts for extra strength and style

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.









Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

EFFICIENT 13 SEER 3-PHASE HEAT PUMP ENVIRONMENTALLY SOUND R-410A REFRIGERANT

2½ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 3-phase, 60 Hz 460 Volt, 3-phase, 60 Hz REFRIGERATION CIRCUIT

- · Scroll compressors on all models
- Suction line accumulator factory installed
- Bi-flow filter-drier included for field installation
- Integrated solid state control with Time-Temperature Defrost
- High and low pressure switches
- · Copper tube / aluminum fin coil

EASY TO INSTALL AND SERVICE

- Easy access service valves on all models
- External high and low refrigerant service ports
- · Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- · Baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFO	UNIT PERFORMANCE DATA							
Model Number	Voltage	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions L x W x H in. (mm)	Operating/ Ship Weight Ibs. (kg)	Notes
N4H330GHF	208/230	21/2	30,000	13.6	20	31-3/16 x 31-3/16 x 28-7/16 (792 x 792 x 722)	149/170 (68/77)	
N4H336GHF	208/230	3	36,000	14.1	20	31-3/16 x 31-3/16 x 31-13/16	169/189	
N4H336GLF	460	J	30,000	7.9	10	(792 x 792 x 722)	(78/86)	
N4H342GHF	208/230	3½	42,000	18.4	30	31-3/16 x 31-3/16 x 31-13/16 (792 x 792 x 722)	180/200 (82/91)	
N4H348GHF	208/230	4	48.000	18.7	30	31-3/16 x 31-3/16 x 28-7/16	208/228	
N4H348GLF	460	4	40,000	8.5	10	(908 x 792 x 792)	(96/104)	
N4H360GHF	208/230	5	60,000	21.1	30	35 x 35 x 28-15/16	250/282	
N4H360GLF	460		00,000	10.4	15	(889 x 889 x 735)	(113/128)	

R2H3**GHR

3-PHASE HEAT PUMP COMPONENT

2½ THRU 5 TONS 208 / 230 Volt, 3-phase, 60 Hz

REFRIGERATION CIRCUIT

- Scroll compressors on all models
- · Compressors contain proper charge of mineral oil
- Suction line accumulator factory installed
- Integrated solid state control with Time-Temperature Defrost
- · Low pressure switch
- Copper tube / aluminum fin coil

EASY TO INSTALL AND SERVICE

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- · Factory charged with dry nitrogen holding charge
- For use with R-22 refrigerant

BUILT TO LAST

- Pre-painted cabinet finish over galvanized steel
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)

WARRANTY*

- 1 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFORMANCE DATA								
Model Number (Series	Size	Nominal	Min. Circuit	Max. Fuse or	Operating Dimensions	Ship / Operating		
100/300)	(tons)	Btu/hr	Ampacity	Breaker	height x width x depth in. (mm)	Weight lbs. (kg)	Notes	
R2H330GHR	2½	30,000	15.4	25	28-7/16 x 31-3/16 x 31-3/16 (722 x 792 x 792)	183 / 161 (83 / 73)		
R2H336GHR	3	36,000	14.0	25	31-13/16 x 31-3/16 x 31-3/16 (808 x 792 x 792)	198 / 177 (90 /80)		
R2H342GHR	3½	42,000	19.0	30	38-5/8 x 31-3/16 x 31-3/16 (981 x 792 x 792)	223 / 198 (101 / 90)		
R2H348GHR	4	48,000	19.8	30	28-7/16 x 31-3/16 x 31-3/16 (722 x 792 x 792)	230 / 207 (104 / 94)		
R2H360GHR	5	60,000	23.3	40	42 x 31-3/16 x 31-3/16	298 / 273 (135 / 124)		





(1067 x 792 x 792)

R2H3**GHR

3-PHASE HEAT PUMP COMPONENT

2½ THRU 5 TONS 208 / 230 Volt, 3-phase, 60 Hz

REFRIGERATION CIRCUIT

- Scroll compressors on all models
- · Compressors contain proper charge of mineral oil
- Suction line accumulator factory installed
- Integrated solid state control with Time-Temperature Defrost
- · Low pressure switch
- Copper tube / aluminum fin coil

EASY TO INSTALL AND SERVICE

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- · Factory charged with dry nitrogen holding charge
- For use with R-22 refrigerant

BUILT TO LAST

- Pre-painted cabinet finish over galvanized steel
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)

WARRANTY*

- 1 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFO	RMANC	E DATA					
Model Number (Series 200/400)	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight lbs. (kg)	Notes
R2H330GHR	2½	30,000	13.2	20	28-7/16 x 31-3/16 x 31-3/16 (722 x 792 x 792)	183 / 161 (83 / 73)	
R2H336GHR	3	36,000	14.6	25	31-13/16 x 31-3/16 x 31-3/16 (808 x 792 x 792)	198 / 177 (90 /80)	
R2H342GHR	3½	42,000	16.7	25	38-5/8 x 31-3/16 x 31-3/16 (981 x 792 x 792)	223 / 198 (101 / 90)	
R2H348GHR	4	48,000	20.7	30	28-7/16 x 31-3/16 x 31-3/16 (722 x 792 x 792)	230 / 207 (104 / 94)	
R2H360GHR	5	60,000	21.2	30	42 x 31-3/16 x 31-3/16 (1067 x 792 x 792)	298 / 273 (135 / 124)	





R-410A Ducted Horizontal Heat Pump ENVIRONMENTALLY SOUND R-410A REFRIGERANT

3 THRU 5 TONS 208 / 230 Volt, 3-phase 460 Volt, 3-phase ENERGY EFFICIENCY

• 13 - 14.5 SEER / 10.5 - 12 EER / 7.7 - 8.5 HSPF

SOUND

• Levels as low as 71 dBA

DESIGN FEATURES

- · Matched with ducted indoor units
- Ideal for multi-family use
- Small footprint "stackable"
- Weather-resistant cabinet
 - All steel cabinet construction
 - Baked on powder paint
 - Mesh coil guard

RELIABILITY, QUALITY, AND TOUGHNESS

- Scroll compressor
- Factory-supplied filter drier
- Factory installed Crankcase Heater on 2½ through 5 ton models
- · High pressure switch
- Low pressure switch
- Accumulator
- Line lengths up to 200 feet (61m) (see Long Line Application Guideline)
- 65 foot (20m) lift (see Long Line Application Guideline)
- Low ambient operation (down to -20°F/-28.9°C) with low ambient accessories
- Installation as close as 6 inches (25mm) from wall

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * Applies to orginal purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.









Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFORMANCE	UNIT PERFORMANCE DATA								
Model Number	Voltage	Size (tons)	Nominal Btu/hr	Operating Weight lbs. (kg)	Notes				
HC4H336AHA	208/230	3	36,000	232 (105)					
HC4H336ALA	460	3	30,000	232 (103)					
НС4Н348АНА	208/230	4	49.000	278 (126)					
HC4H348ALA	460	4	48,000	270 (120)					
HC4H360AHA	208/230	5	60,000	306 (139)					
HC4H360ALA	460	5	00,000	300 (139)					

COMMERCIAL SPLIT SYSTEMS HEAT PUMP UNITS R-410A 6 - 20 TONS

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- Single stage cooling capacity control on 072-121 models
- Two stage cooling capacity control on 180-240 models
- All models utilize round copper tube, aluminum plate fin condenser coils (RTPF)
- Brass suction and liquid line service valves
- Fully hermetic scroll compressor with crankcase heater and suction line accumulators
- Compressor include overload protection and vibration isolation for further enhancement of quiet operation
- $\bullet \ \mathsf{Comfort} \ \mathsf{Alert}^{\mathsf{TM}} \ \mathsf{Diagnostic} \ \mathsf{Board}$

LED Go-No-Go and fault code

Built in time guard anti-short cycle

Phase protection

Fault code retention logic

- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Filter drier standard with each unit (shopped for field installation)
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Direct drive permanently lubricated condenser fan motors
- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- · All units have high and low pressure switches
- Outdoor temperature cooling operation range up to 125°F (52°C) and down to 35°F (2°C) using winter start kit
- Models with optional low ambient control provide cooling operation down to -20°F (-29°C)
- · All units factory run tested

WARRANTY

- 5 year compressor limited warranty
- 1 year parts limited warranty

See warranty certificate for complete details.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .





6 - 7.5 Ton

20 Ton



UNIT PERFORMANCE DATA - Single Circuit								
			Cooling					
		Nom.	Net		Total		Operating	
	Cooling	Capacity	Capacity		Power	Height x Width x Depth	Weight lbs	
Model Number	Circuits	Ton	BTU/h	EER	(kW)	in (mm)	(kg)	Notes
CHS072HAA0A00A	1	6.0	70,000	11.0	6.4	42-3/8 x 59-3/8 x 45-7/8	441 / 201	
CHS072HBA0A00A*	1	6.0	70,000	11.0	6.4	(1076 x 1509 x 1165)	441 / 201	
CHS072LAA0A00A	1	6.0	70,000	11.0	6.4	(1076 x 1509 x 1165)	441 / 201	
CHS072LBA0A00A*	1	6.0	70,000	11.0	6.4	42-3/8 x 59-3/8 x 45-7/8	441 / 201	
CHS072SAA0A00A	1	6.0	70,000	11.0	6.4	(1076 x 1509 x 1165)	441 / 201	
CHS072SBA0A00A*	1	6.0	70,000	11.0	6.4	(1076 x 1509 x 1165)	441 / 201	
CHS091HAA0A00A	1	7.5	89,000	11.0	8.1	42-3/8 x 59-3/8 x 45-7/8	483 / 219	
CHS091HBA0A00A*	1	7.5	89,000	11.0	8.1	(1076 x 1509 x 1165)	483 / 219	
CHS091LAA0A00A	1	7.5	89,000	11.0	8.1	(1076 x 1509 x 1105)	483 / 219	
CHS091LBA0A00A*	1	7.5	89,000	11.0	8.1	42-3/8 x 59-3/8 x 45-7/8	483 / 219	
CHS091SAA0A00A	1	7.5	89,000	11.0	8.1	(1076 x 1509 x 1165)	483 / 219	
CHS091SBA0A00A*	1	7.5	89,000	11.0	8.1	(1076 x 1509 x 1165)	483 / 219	
CHS121HAA0A00A	1	10.0	112,000	11.0	10.2	50-3/8 x 59-3/8 x 45-7/8	575 / 261	
CHS121HBA0A00A*	1	10.0	112,000	11.0	10.2	(1279 x 1509 x 1165)	575 / 261	
CHS121LAA0A00A	1	10.0	112,000	11.0	10.2	50-3/8 x 59-3/8 x 45-7/8	575 / 261	
CHS121LBA0A00A*	1	10.0	112,000	11.0	10.2	(1279 x 1509 x 1165)	575 / 261	
CHS121SAA0A00A	1	10.0	112,000	11.0	10.2	50-3/8 x 59-3/8 x 45-7/8	575 / 261	
CHS121SBA0A00A*	1	10.0	112,000	11.0	10.2	(1279 x 1509 x 1165)	575 / 261	

^{*} Models with optional low ambient control

continued on next page

CHS (continued)

UNIT PERFORMANCE	JNIT PERFORMANCE DATA (Cont.) - Dual Ciruit								
			Cooling						
		Nom.	Net		Total		Operating		
	Cooling	Capacity	Capacity		Power	Height x Width x Depth	Weight lbs		
Model Number	Circuits	Ton	BTU/h	EER	(kW)	in (mm)	(kg)	Notes	
CHS180HDA0A00A	2	15.0	178,000	10.6	16.8		768 / 348		
CHS180HEA0A00A*	2	15.0	178,000	10.6	16.8		768 / 348	 	
CHS180LDA0A00A	2	15.0	178,000	10.6	16.8	50-3/8 X 86-3/8 X 45-1/8	768 / 348		
CHS180LEA0A00A*	2	15.0	178,000	10.6	16.8	[1279 X 2193 X 1148]	768 / 348		
CHS180SDA0A00A	2	15.0	178,000	10.6	16.8		768 / 348	 [
CHS180SEA0A00A*	2	15.0	178,000	10.6	16.8		768 / 348		
CHS240HDA0A00A	2	20.0	222,000	10.7	20.8		1015 / 460		
CHS240HEA0A00A*	2	20.0	222,000	10.7	20.8		1015 / 460	 [
CHS240LDA0A00A	2	20.0	222,000	10.7	20.8	50-3/8 X 86-3/8 X 67-1/8	1015 / 460	 	
CHS240LEA0A00A*	2	20.0	222,000	10.7	20.8	[1279 X 2193 X 1704]	1015 / 460		
CHS240SDA0A00A	2	20.0	222,000	10.7	20.8		1015 / 460		
CHS240SEA0A00A*	2	20.0	222,000	10.7	20.8		1015 / 460	I	

^{*} Models with optional low ambient control

Accessories Heat Pumps

	N4H3, H4H3 (3-Phase R-410A Heat Pump)	
Part Number	Description	Used On Model Size	Notes
NASA001FS	Evaporator Freeze Thermostat	ALL	
NASA001LS	Liquid Line Solenoid Valve, HP, R-22 or R-410A	ALL	
NASA001TD	Time Delay Relay, Indoor Blower	ALL	
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL	
NASA401LA	Low Ambient Pressure Switch	N4H3-ALL	
NASA001SF	Support Feet, 4" tall	ALL	
NASA001SJ	Sound Jacket, Compressor	N4H3-30, 36, 42, 48	
NASA003SJ	Sound Jacket, Compressor	N4H3-60	
NASA00106SS	Snow Stand Kit	ALL	
NAEA40501TX	TXV Kit, R410A 2010 and later Piston Coils	N4H3-30	
NAFA40604TV	TVV Vit D. 440A 2040 and later Dieton Caile	H4H3-30,	
NAEA40601TX	TXV Kit, R410A 2010 and later Piston Coils	36, 42	
NAEA40701TX	TXV Kit, R410A 2010 and later Piston Coils	48, 60	
EBAC05TXVX	TXV Kit, R410A 20052009 R22 TXV Fancoils (air handlers)	N4H3-30	
EDA COSTVIV	TV////: D 4404 2005 2000 D 22 TV// Fanceila (air handlara)	H4H3-30,	
EBAC06TXVX	TXV Kit, R410A 20052009 R22 TXV Fancoils (air handlers)	36, 42	
EBAC07TXVX	TXV Kit, R410A 20052009 R22 TXV Fancoils (air handlers)	48, 60	

	R2H3**GHR (3-Phase Heat Pump Component)								
Part Number	Description	Used On Model Size	Notes						
NASA001FS	Evaporator Freeze Thermostat	ALL							
NASA001LS	Liquid Line Solenoid Valve	ALL							
NASA001TD	Time Delay Relay, Indoor Blower	ALL							
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL							
NASA201LA	Low Ambient Kit (Pressure Switch)	ALL							
NASA204PS	High Pressure Switch*	ALL							
NASA001SF	Support Feet, 4" tall	ALL							
NASA001CH	Crankcase Heater for Compressor	30, 36, 42, 48, 60							
NASA002SJ	Sound Jacket, Compressor	30							
NASA001SJ	Sound Jacket, Compressor	36, 42, 48							
NASA003SJ	Sound Jacket, Compressor	60							
AMF153TKB	TXV Kit, R-22 (converts R-22 piston coils to R-22 TXV)	30, 36							
AMF355TKB	TXV Kit, R-22 (converts R-22 piston coils to R-22 TXV)	42, 48, 60							

SOME MODELS MAY BE FACTORY INSTALLED.
REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

Accessories Ducted Horizontal Heat Pumps

	HC4H3 (R-410A Heat Pum	p)	
Part Number	Description	Used On Model Size	Notes
NASA001TD	TIME DELAY KIT	All	
EBAC06TXVX	TXV KIT, R-410A	36	
EBAC07TXVX	2005-2009 R-22 TXV	48	
EBAC08TXVX	Fan coils (air handlers)	60	
NAEA40601TX	TXV KIT, R-410A	36	
NAEA40701TX	2010 and later Piston coils	48	
NASA402LA	LOW AMBIENT KIT	All	
NASA001FS	FRZ THERM KIT	All	
NASA001CH	CRANKCASE HEATER KIT	48AH*, 60AH*	
NASA002CH	CRANKCASE HEATER KIT	48AL*, 60AL*	
NASA003CH	CRANKCASE HEATER KIT	36AH*	
NASA004CH	CRANKCASE HEATER KIT	36AL*	
NASA001SJ	SOUND JACKET KIT	48, 60	
NASA002SJ	SOUND JACKET KIT	36	
NASA001LS	SOL VALVE KIT	All	
NASA001SC	PTC KIT	All	
NASA003SC	HARD START KIT	All	
NASA001AC	CYCLE PROTECTOR KIT	All	
NASA00301WB	WIND BAFFLE KIT	36	
NASA00401WB	WIND BAFFLE KIT	48, 60	
NASA00201WM	WALL MOUNT KIT	36, 48, 60	

^{*}Factory Installed

CHS072 - 240

Accessories

Accessory Model Number	Description	Accessories	Notes
LOW AMBIENT CONTROL	S		
DALOWAMB004A00	Low Ambient Temperature Head Pressure	072 - 121 (208/230-3-60v only)	
DALOWAMB005A00	Controller, allows cooling operation down	072 - 091 (460-3-60v only)	
DALOWAMB009A00	to 20°F by varying the speed on the	121 (460-3-60v only)	
DALOWAMB006A00	condenser fan.	072 - 121 (575-3-60v only)	
CALOWAMB024A00		180 (208/230-3-60v only)	
CALOWAMB025A00	Low Ambient Temperature Head Pressure	180 (460-3-60v only)	
CALOWAMB026A00	Controller, allows cooling operation down	180 (575-3-60v only)	
CALOWAMB027A00	to 20°F by varying the speed on the	240 (208/230-3-60v only)	
CALOWAMB028A00	condenser fan.	240 (460-3-60v only)	
CALOWAMB029A00		240 (575-3-60v only)	
LOUVERED HAIL GUARDS	S - CONDENSER COIL		
CALVHLGD005A00		072	
CALVHLGD006A00	Louvered Condenser Coil Hail Guard -	091	
CALVHLGD010A00	Includes louvered panel(s) to protect	121	
CALVHLGD008A00	condenser coil from damage and vandalism	180	
CALVHLGD009A00		240	
LIQUID LINE SOLENOID V	ALVES (LLSV)		
1179871¹	Liquid Line Solenoid Valve	(3/8 L)	
1179872¹	Liquid Line Solenoid Valve	(1/2"L)	
1179873¹	Liquid Line Solenoid Valve	(5/8 L)	
1179874	Solenoid Coil	ALL	
BI-FLOW SIGHT GLASSES	**		
1179879	Sight Glass	(3/8 L)	
1179878	Sight Glass	(1/2 L)	
1179877	Sight Glass	(5/8 L)	

¹ Bi-Flow kit 1183150 is also required

L - Liquid line

^{**} Available from FAST parts

DIRECT EXPANSION COMMERCIAL PACKAGED AIR HANDLING UNITS, 6 - 25 TONS

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- Multi-position design for horizontal or vertical installation without modification
- Two sloped condensate pans on each unit for horizontal or vertical applications
- Cleanable insulation treated with Environmental Protection Agency (EPA) registered antimicrobial agent improves indoor air quality
- · 2 inch filters
- · High static design meets a wide range of applications
- Powerful belt-driven forward curved fans
- Single refrigerant circuit on 072 and 091 sizes; dual refrigerant circuit on 120-300 sizes.
 Dual circuit can be field modified for use on single circuit condernsers.
- Single blower on 072 to 120 sizes; dual blower on 150 to 300 sizes
- · Cooling coils with mechanically bonded fins provide peak heat transfer
- Standard factory-installed thermo-static expansion valve (TXV) with removable power element
- Easy maintenance removal of single panel allows access to virtually all components
- Die-formed galvanized steel casings provide durability and structural integrity (optional paint is available)
- 24-volt terminal block for control wiring connection.
- Economizer accessory provides ventilation air and free cooling
- · Hot water coil, steam coil, and electric heat accessories are available

WARRANTY

• 1 year parts limited warranty See warranty certificate for complete details.





FAS150-180

FAS072-120





FAS072KBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072MAAA0A0A 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072MBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SAAA0A0A 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS091KAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091KBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MBAA0A0A* 10 2 56-1/16 x 89 x 28-3/16 (1424 x 1244 x 714) 695 (315) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315)	UNIT PERFORMANCE	DATA				
Model Number Tons Circuits Height x Width x Depth in (mm) Weight lbs (kg) Notes FAS072KAAA0A0A 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072KBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072MBAA0A0A0A 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SAAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS091KAAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS091KBAA0A0A0* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS091KBAA0A0A0* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MAA0A0A0 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SAAOA0A0A <t< th=""><th></th><th></th><th>Number</th><th></th><th>_</th><th></th></t<>			Number		_	
FAS072KAAA0A0A 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072KBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072MBAA0A0A 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072MBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A0 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A0 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A0 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS091KAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091KBAA0A0A0 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A0 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A0 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAA0A0A0 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MBAA0A0A0 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MBAA0A0A0 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MBAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 405 (193) FAS120SBAA0A0A0 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A0 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A0 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A0 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150SBAA0A0A0 10 2 56-1/16 x 89 x 28-3/16 (1424 x 1244 x 714) 695 (315) FAS150SBAA0A0A0 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0 15 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0 15 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315)		Nominal	of		Operating	
FAS072KBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072MAAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072MBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SAAA0A0A 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS091KAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091KBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150MBAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315)	Model Number	Tons	Circuits	Height x Width x Depth in (mm)	Weight lbs (kg)	Notes
FAS072MAAA0A0A 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072MBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SAAA0A0A 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091KBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091BBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150BBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150MBAA0A0A0 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315)	FAS072KAAA0A0A	6	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	399 (181)	
FAS072MBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SAAA0A0A 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS091KAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091KBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120MBAA0A0A TO 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A TO 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A TO 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A TO 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A TO 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150SBAA0A0A TO 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150SBAA0A0A TO 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150SBAA0A0A TO 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150SBAA0A0A TO 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A TO 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A TO 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A TO 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A TO 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A TO 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A TO 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A	FAS072KBAA0A0A*	6	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	399 (181)	
FAS072SAAA0A0A 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS072SBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FAS091KAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091KBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MBAA0A0A* 10 2 56-1/16 x 89 x 28-3/16 (1424 x 1244 x 714) 695 (315) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0AA* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0AA* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0AA* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0AA* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0AA* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0AA 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315)	FAS072MAAA0A0A	6	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	399 (181)	
FASO72SBAA0A0A* 6 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 399 (181) FASO91KAA0A0A0 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FASO91KBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FASO91MAA0A0A0 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FASO91MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FASO91MBAA0A0A0* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FASO91SAA0A0A0 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FASO91SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAA0A0A0 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SAA0A0A0 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315)	FAS072MBAA0A0A*	6	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	399 (181)	
FAS091KAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091KBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS180MAAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315)	FAS072SAAA0A0A	6	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	399 (181)	
FAS091KBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315)	FAS072SBAA0A0A*	6	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	399 (181)	
FAS091MAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A	FAS091KAAA0A0A	7-1/2	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	404 (183)	
FAS091MBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A0* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315)	FAS091KBAA0A0A*	7-1/2	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	404 (183)	
FAS091SAAA0A0A 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS180MAAA00A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 713 (323)	FAS091MAAA0A0A	7-1/2	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	404 (183)	
FAS091SBAA0A0A* 7-1/2 1 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 404 (183) FAS120MAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MAAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS180MAAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 713 (323)	FAS091MBAA0A0A*	7-1/2	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	404 (183)	
FAS120MAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MAAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SAAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS180MAAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 713 (323)	FAS091SAAA0A0A	7-1/2	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	404 (183)	
FAS120MBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MAAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS180MAAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 713 (323)	FAS091SBAA0A0A*	7-1/2	1	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	404 (183)	
FAS120SAAA0A0A 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MAAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS180MAAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 713 (323)	FAS120MAAA0A0A	10	2	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	425 (193)	
FAS120SBAA0A0A* 10 2 56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714) 425 (193) FAS150MAAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SAAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS180MAAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 713 (323)	FAS120MBAA0A0A*	10	2	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	425 (193)	
FAS150MAAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SAAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS180MAAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 713 (323)	FAS120SAAA0A0A	10	2	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)	425 (193)	
FAS150MBAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SAAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS180MAAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 713 (323)	FAS120SBAA0A0A*	10	2	56-1/16 x 49 x 28-3/16 (1424 x 1244 x 714)		
FAS150SAAA0A0A 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS180MAAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 713 (323)	FAS150MAAA0A0A	12-1/2	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)	695 (315)	
FAS150SEAA0A0A* 12-1/2 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 695 (315) FAS180MAAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 713 (323)	FAS150MBAA0A0A*	12-1/2	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)		
FAS180MAAA0A0A 15 2 56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714) 713 (323)	FAS150SAAA0A0A		2	,		
	FAS150SEAA0A0A*	12-1/2	2	,		
	FAS180MAAA0A0A	15	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)	713 (323)	

*High Static Models continued on next page

FAS (continued)

UNIT PERFORMANCE	DATA (Cor	nt.)			
		Number			
	Nominal	of		Operating	
Model Number	Tons	Circuits	Height x Width x Depth in (mm)	Weight lbs (kg)	Notes
FAS180SAAA0A0A	15	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)	713 (323)	
FAS180HEAA0A0A*	15	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)	713 (323)	
FAS180SEAA0A0A*	15	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)	713 (323)	
FAS240HAAA0A0A	20	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)	730 (331)	
FAS240HEAA0A0A*	20	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)	730 (331)	
FAS240LAAA0A0A	20	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)	730 (331)	
FAS240LEAA0A0A*	20	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)	730 (331)	
FAS240SAAA0A0A	20	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)	730 (331)	
FAS240SEAA0A0A*	20	2	56-1/16 x 89 x 28-3/16 (1424 x 2261 x 714)	730 (331)	
FAS300HAAA0A0A	25	2	65-9/16 x 100-1/2 x 32-5/8 (1665x2553x829)	1050 (477)	
FAS300HEAA0A0A*	25	2	65-9/16 x 100-1/2 x 32-5/8 (1665x2553x829)	1050 (477)	
FAS300LAAA0A0A	25	2	65-9/16 x 100-1/2 x 32-5/8 (1665x2553x829)	1050 (477)	
FAS300LEAA0A0A*	25	2	65-9/16 x 100-1/2 x 32-5/8 (1665x2553x829)	1050 (477)	
FAS300SAAA0A0A	25	2	65-9/16 x 100-1/2 x 32-5/8 (1665x2553x829)	1050 (477)	
FAS300SEAA0A0A*	25	2	65-9/16 x 100-1/2 x 32-5/8 (1665x2553x829)	1050 (477)	

^{*}High Static Models

FAS072 - 300

Accessories

Accessory Model Number	Description	Use With	Notes
GRILLES			
AGRC01AA	Return Air Grille	6 to 10	
AGRPC01AA	Return Air Grille, Painted	6 to 10	
AGRC02BA	Return Air Grille	12-1/2 to 20	
CARAGRIL003A00	Return Air Grille	25	
CARAGRIL006A00	Return Air Grille, Painted	25	
STEAM COILS			
ASPC01AA	Steam Coil (1 Row)	6 to 10	
ASPC02BA	Steam Coil (1 Row)	12-1/2 to 20	
CASTCOIL003A00	Steam Coil (1 Row)	25	
SUBBASE			
ASBC01A	Floor Mount Base (Subbase)	6 to 20	
CASUBASE002A00	Floor Mount Base (Subbase)	25	
CASUBASE004A00	Floor Mount Base (Subbase), Painted	25	
SUSPENSION BRACKETS			
AHBC01A	Overhead Suspension Brackets	6 to 25	
CONDENSATE OVERFLOW			
ACSC01A	Condensate Overflow Switch	6 to 25	
PLENUMS			
APDC01AA	Discharge Plenum	6 to 10	
APDPC01AA	Discharge Plenum, Painted	6 to 10	
APDC02BA	Discharge Plenum	12-1/2 to 20	
CAPLENUM003A00	Discharge Plenum	25	
CAPLENUM006A00	Discharge Plenum, Painted	25	
ECONOMIZER	12.100.101.1gg : 10.101.11, 1 0.11.101		
AEMC01AA	Economizer	6 to 10	
AEMC02BA	Economizer	12-1/2 to 20	
CAECOMZR003A00	Economizer	25	
CO2 SENSOR	Loonemicor		
DNCBDIOX005A00	CO2 Sensor for Economizer	6 to 20	
HOT WATER COIL	COL CONTON TO LOCATION ILLON	0.0 _0	
AHWC01AA	Hot Water Coil (2 Row)	6 to 10	
AHWC02BA	Hot Water Coil (2 Row)	12-1/2 to 20	
CAHWCOIL003A00	Hot Water Coil (2 Row)	25	
TRANSFORMER RELAY	THE TRACE CON (2 PROTE)		
	Transformer Relay Package - Contains 200/230/460 to 24-volt		
CATRANRY001A00	transformer, indoor fan and solenoid valve relays with wiring and	6 to 25	
	quick connect terminals. Recommended for 24-volt thermostat	0 10 20	
	applications when additional VA is required.		
ELECTRIC HEATERS			
AAHC05AHA	5 kW, 208/240v	6 to 10	
AAHC05ALA	5 kW, 480v	6 to 10	
AAHC05ASA	5 kW, 575v	6 to 10	
AAHC10AHA	10 kW, 208/240v	6 to 10	
AAHC10ALA	10 kW, 480v	6 to 10	
AAHC10ASA	10 kW, 575v	6 to 10	
AAHC15AHA	15 kW, 208/240v	6 to 10	
AAHC15AHA	15 kW, 480v	6 to 10	
AAHC15ASA	15 kW, 575v	6 to 10	
AAHC15ASA AAHC25AHA	25 kW, 208/240v	6 to 10	
AAI IUZDAHA	23 RVV, 200/240V	continued on	

continued on next page

FAS072 - 300

Accessories cont.

Accessory Model Number	Description	Use With	Notes
ELECTRIC HEATERS			
AAHC25ALA	25 kW, 480v	6 to 10	
AAHC25ASA	25 kW, 575v	6 to 10	
AAHC35CHA	35 kW, 208/240	7.5 to 10	
AAHC35CLA	35 kW, 480v	7.5 to 10	
AAHC35CSA	35 kW, 575v	7.5 to 10	
AAHC10BHA	10 kw, 208/240v	12-1/2 to 20	
AAHC10BLA	10 kw, 480v	12-1/2 to 20	
AAHC10BSA	10 kw, 575v	12-1/2 to 20	
AAHC20BHA	20 kw, 208/240v	12-1/2 to 20	
AAHC20BLA	20 kw, 480v	12-1/2 to 20	
AAHC20BSA	20 kw, 575v	12-1/2 to 20	
AAHC30BHA	30 kw, 208/240v	12-1/2 to 20	
AAHC30BLA	30 kw, 480v	12-1/2 to 20	
AAHC30BSA	30 kw, 575v	12-1/2 to 20	
AAHC50DHA	50 kw, 208/240v	15 to 20	
AAHC50DLA	50 kw, 480v	15 to 20	
AAHC50DSA	50 kw, 575v	15 to 20	
AAHC20EHA	20 kw, 208/240v	25	
AAHC20ELA	20 kw, 480v	25	
AAHC20ESA	20 kw, 575v	25	
AAHC40EHA	40 kw, 208/240v	25	
AAHC40ELA	40 kw, 480v	25	
AAHC40ESA	40 kw, 575v	25	
AAHC50EHA	50 kw, 208/240v	25	
AAHC50ELA	50 kw, 480v	25	
AAHC50ESA	50 kw, 575v	25	
AAHC70EHA	70 kw, 208/240v	25	
AAHC70ELA	70 kw, 480v	25	
AAHC70ESA	70 kw, 575v	25	

FHS072 - 240

Accessories

		Use With	
Accessory Model Number	Description	Size (Ton)	Notes
GRILLES			
AGRC01AA	Return Air Grille	6 to 10	
AGRPC01AA	Return Air Grille (Painted)	6 to 10	
AGRC02BA	Return Air Grille	15 & 20	
AGRPC02BA	Return Air Grille (Painted)	15 & 20	
STEAM COILS			
ASPC01AA	Steam Coil (1 Row)	6 to 10	
ASPC02BA	Steam Coil (1 Row)	15 & 20	
SUBBASE			
ASBC01A	Floor Mount Base (Subbase)	6 to 20	
ASBPC01A	Floor Mount Base (Subbase) (Painted)	6 to 20	
SUSPENSION BRACKETS		, , , , , , , , , , , , , , , , , , ,	
AHBC01A	Overhead Suspension Brackets	6 to 20	
CONDENSATE OVERFLO		3 13 23	
ACSC01A	Condensate Overflow Switch	6 to 20	
PLENUMS	Tonas oronon omen		
APDC01AA	Discharge Plenum	6 to 10	
APDPC01AA	Discharge Plenum (Painted)	6 to 10	
APDC02BA	Discharge Plenum	15 & 20	
APDPC02BA	Discharge Plenum (Painted)	15 & 20	
ECONOMIZER	Discharge Flendin (Fainted)	13 & 20	
AEMC01AA	Economizer	6 to 10	
AEMC02AA		15 & 20	
CO2 SENSOR	Economizer	13 & 20	
	CO2 Canaar for Faanamirar	6 to 20	
DNCBDIOX005A00 HOT WATER COIL	CO2 Sensor for Economizer	0 10 20	
	List Water Cail (2 Daw)	6 to 10	
AHWC01AA	Hot Water Coil (2 Row)	6 to 10	
AHWC02BA	Hot Water Coil (2 Row)	15 & 20	
RELAY PACKAGE	Transfermen Balan Bashara Cantaina 200/200/400 to 24	ı	
	Transformer Relay Package - Contains 200/230/460 to 24-		
CATRANRY001A00	volt transformer, indoor fan and solenoid valve relays with	6 to 20	
	wiring and quick connect terminals. (Recommended for 24-		
	volt thermostat applications when additional VA is required)	45 (4 no suring d)	
007001 VDDD	Fan Coil Relay Board - Allows line voltage connections	15 (1 required)	
33ZCRLYBRD	between fan coil controller and multi-speed fans of line	& .00 (0 t)	
	voltage actuators.	20 (2 required)	
ELECTRIC HEATERS	L 5 LW - 000/040	0 1 10 1	
AAHC05AHA	5 kW, 208/240v	6 to 10	
AAHC05ALA	5 kW, 480v	6 to 10	
AAHC05ASA	5 kW, 575v	6 to 10	
AAHC10AHA	10 kW, 208/240v	6 to 10	
AAHC10ALA	10 kW, 480v	6 to 10	
AAHC10ASA	10 kW, 575v	6 to 10	
AAHC15AHA	15 kW, 208/240v	6 to 10	
AAHC15ALA	15 kW, 480v	6 to 10	
AAHC15ASA	15 kW, 575v	6 to 10	
AAHC25AHA	25 kW, 208/240v	6 to 10	
AAHC25ALA	25 kW, 480v	6 to 10	
AAHC25ASA	25 kW, 575v	6 to 10	
AAHC35CHA	35 kW, 208/240	7.5 to 10	
AAHC35CLA	35 kW, 480v	7.5 to 10	

FHS072 - 240

Accessories cont.

		Use With	
Accessory Model Number	Description	Size (Ton)	Notes
ELECTRIC HEATERS			
AAHC35CSA	35 kW, 575v	7.5 to 10	
AAHC10BHA	10 kW, 208/240v	15 & 20	
AAHC10BLA	10 kW, 480v	15 & 20	
AAHC10BSA	10 kW, 575v	15 & 20	
AAHC20BHA	20 kW, 208/240v	15 & 20	
AAHC20BLA	20 kW, 480v	15 & 20	
AAHC20BSA	20 kW, 575v	15 & 20	
AAHC30BHA	30 kW, 208/240v	15 & 20	
AAHC30BLA	30 kW, 480v	15 & 20	
AAHC30BSA	30 kW, 575v	15 & 20	
AAHC50BHA	50 kW, 208/240v	15 & 20	_
AAHC50BLA	50 kW, 480v	15 & 20	
AAHC50BSA	50 kW, 575v	15 & 20	·

CAHZ/CAVT

REPLACEMENT ENCASED COILS, R-410A or R22, 6 - 20 TONS

- CAHZ design for horizontal installation
- · CAVT design vertical installation
- TXV metering device factory installed
- Insulated casings
- · Coils are UL listed

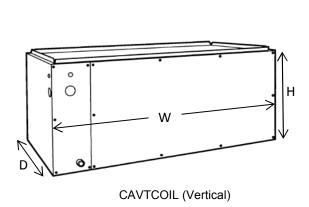
CAVTCOIL212A

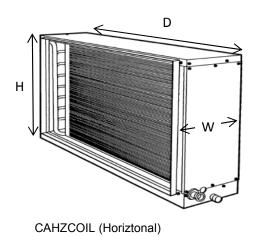
Vertical

10

2

Shipping with factory nitrogen hold charge





UNIT PERFORMANCE DATA Operating Number Nominal of Weight **Model Number** Tons Circuits Height x Width x Depth in (mm) Design lbs (kg) **Notes** R-410A CAHZCOIL408A Horizontal 7.5 28.3 x 10.8 x 48 (719 x 274 x 1219) 156 (71) 28.3 x 10.8 x 68 (719 x 274 x 1727) CAHZCOIL412A Horizontal 10 1 202 (92) CAVTCOIL408A 18.6 x 42 x 22.2 (472 x 1067 x 564) Vertical 7.5 168 (76) 1 CAVTCOIL412A 18.6 x 53.4 x 22.2 (472 x 1356 x 564) Vertical 10 2 222 (101) **R22** CAHZCOIL208A Horizontal 7.5 1 28.3 x 10.8 x 48 (719 x 274 x 1219) 156 (71) CAHZCOIL212A Horizontal 10 1 28.3 x 10.8 x 68 (719 x 274 x 1727) 202 (92) CAVTCOIL208A 7.5 1 18.6 x 42 x 22.2 (472 x 1067 x 564) Vertical 168 (76)

18.6 x 53.4 x 22.2 (472 x 1356 x 564)

222 (101)

NOTES

COMMERCIAL RTU 3-27.5 TON

NOTES

HIGH EFFICIENCY PACKAGE GAS HEATING/ELECTRIC COOLING R-410A SINGLE PACKAGE ROOFTOP 3 - 12.5 TONS (1 & 3-Phase)

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- One-piece, high efficiency gas heating and electric cooling with a low profile, prewired, tested and charged at the factory
- · All units are convertible from downflow to horizontal air flow; no special adapter curbs are necessary
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Fully insulated cabinet
- Tubular-section type aluminized heat exchanger standard with optional stainless steel heat exchanger available
- Single-stage cooling capacity control on 036-072 models, two-stage on 090-150 models
- Redundant gas valve, up to two stages of heating
- Exclusive IGC solid-state control for on-board diagnostics with LED error code designation. burner control logic and energy saving indoor fan motor delay
- High efficiency, gas heat with induced draft flue exhaust design
- Single scroll compressor on 036-072 models, dual scroll compressors on 090 -150 models with internal line-break overload protection
- · All units have high and low pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- Refrigerant circuits contain a liquid line filter drier to trap dirt and moisture
- · Indoor and outdoor coils constructed of aluminum fins mechanically bonded to seamless copper tubes
- Newly-designed indoor refrigerant header for easier maintenance and replacement
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; side or center drain
- Direct drive high efficiency ECM blower motors on 036-060 single phase models
- Belt drive evaporator-fan motor and pulley combinations available on all 3 phase models
- · Access panels with easy grip handles provide guick and easy access to the blower and blower motor, control box, and compressor
- Field convertible airflow (3-12.5 ton). 12.5 ton models require a simple supply air duct cover to field convert from factory vertical to horizontal.
- No-strip screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal
- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Outdoor temperature cooling operation range up to 125°F (46°C) and down to 25°F (-4°C) using winter start kit
- TXV refrigerant metering device on each circuit to precisely control refrigerant flow
- · Large, laminated control wiring and power wiring drawings are affixed to unit to make troubleshooting easy
- Standard, medium and high static fan motor options available
- Exclusive IGC anti-cycle protection for gas heat operation
- Provisions for thru-the-bottom power entry capability
- Single point gas and electrical connections
- Optional 2 speed drive motor system utilizes a Variable Frequency Drive (VFD) to automatically adjust theindoor fan motor speed between cooling stages.
- Factory installed Hot Gas Reheat Adaptive Dehumidification System on all sizes, includes MotorMaster I controller.
- · Low NOx models available that meet California Air Quality Management NOx requirements and include stainless steel heat exchangers

WARRANTY

- 15 Year limited warranty on optional stainless steel heat exchanger
- 10 year limited warranty on aluminized heat exchanger
- 5 year compressor limited warranty
- 1 year parts limited warranty

See warranty certificate for complete details



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org





RGH036-060





As an Energy Star® Partner, International Comfort Products, has

determined that this product meets the ENERGY STAR® guidelines for energy

UNIT PERFORMANCE	JNIT PERFORMANCE DATA - SINGLE STAGE COOLING													
		Cooling		Heating			Operating							
	Nominal	Capacity			Input		Height x Width x Depth	Weight						
Model Number	Tons	BTU/h	SEER	EER	BTU/h	AFUE%	in (mm)	lbs (kg)	Notes					
RGH036KDXA0AAA														
RGH036HDXA0AAA	3	36.000	15.00	12.50	72.000	82.0	33-3/8 x 46-3/4 x 74-3/8	505 (229)						
RGH036LDXA0AAA	3	30,000	15.00	12.50	12,000	02.0	(847 x 1187 x 1888)	505 (229)						
RGH036SDXA0AAA														

continued on next page

RGH (continued)

UNIT PERFORMANCE	DATA - S	_		LING (C				1		
		Co	oling	1	Hea	ting		Operating		
	Nominal	Capacity			Input		Height x Width x Depth	Weight		
Model Number	Tons	BTU/h	SEER	EER	BTU/h	AFUE%	in (mm)	lbs (kg)	Notes	
RGH036KEXA0AAA							,	- · · · · · · · · · · · · · · · · · · ·		
RGH036HEXA0AAA	_						33-3/8 x 46-3/4 x 74-3/8			
RGH036LEXA0AAA	3	36,000	15.00	12.50	115,000	80.0	(847 x 1187 x 1888)	505 (229)		
RGH036SEXA0AAA							(047 x 1107 x 1000)			
RGH048KDXA0AAA										
RGH048HDXA0AAA							41-3/8 x 46-3/4 x 74-3/8			
	4	48,500	15.60	13.00	72,000	82.0		590 (268)		
RGH048LDXA0AAA		·					(1051 x 1187 x 1888)	` ,		
RGH048SDXA0AAA										
RGH048KEXA0AAA							44 0/0 40 0/4 74 0/0			
RGH048HEXA0AAA	4	48,500	15.60	13.00	115,000	81.0	41-3/8 x 46-3/4 x 74-3/8	590 (268)		
RGH048LEXA0AAA	•	.0,000			,		(1051 x 1187 x 1888)	355 (255)		
RGH048SEXA0AAA										
RGH048KFXA0AAA										
RGH048HFXA0AAA	4	48,500	15.60	13 00	150,000	80.0	41-3/8 x 46-3/4 x 74-3/8	590 (268)		
RGH048LFXA0AAA	4	40,300	13.00	13.00	130,000	00.0	(1051 x 1187 x 1888)	390 (200)		
RGH048SFXA0AAA										
RGH060KDXA0AAA										
RGH060HDXA0AAA	-	57.500	45.00	40.45	70.000	00.0	41-3/8 x 46-3/4 x 74-3/8	000 (074)		
RGH060LDXA0AAA	5	57,500	15.20	12.45	72,000	82.0	(1051 x 1187 x 1888)	600 (271)		
RGH060SDXA0AAA							(100171101711000)			
RGH060KEXA0AAA										
RGH060HEXA0AAA							41-3/8 x 46-3/4 x 74-3/8			
RGH060LEXA0AAA	5	57,500	15.20	12.45	115,000	81.0	(1051 x 1187 x 1888)	600 (271)		
RGH060SEXA0AAA							(1031 x 1107 x 1000)			
RGH060KFXA0AAA										
RGH060HFXA0AAA							41-3/8 x 46-3/4 x 74-3/8			
	5	57,500	15.20	12.45	150,000	80.0		600 (271)		
RGH060LFXA0AAA							(1051 x 1187 x 1888)	, ,		
RGH060SFXA0AAA										
RGH072HDAA0AAA	•	70.000	N1/A	40.00	70.000	00.0	41-1/4 x 59-1/2 x 88-1/8	705 (0.47)		
RGH072LDAA0AAA	6	73,000	N/A	12.00	72,000	82.0	(1048 x 1510 x 2238)	765 (347)		
RGH072SDAA0AAA							(10101111111111111111111111111111111111			
RGH072HEAA0AAA							41-1/4 x 59-1/2 x 88-1/8			
RGH072LEAA0AAA	6	73,000	N/A	12.00	125,000	81.0	(1048 x 1510 x 2238)	765 (347)		
RGH072SEAA0AAA							(1040 X 1010 X 2200)			
RGH072HFAA0AAA							41-1/4 x 59-1/2 x 88-1/8			
RGH072LFAA0AAA	6	73,000	N/A	12.00	150,000	80.0	(1048 x 1510 x 2238)	765 (347)		
RGH072SFAA0AAA							(1048 x 1310 x 2238)			
UNIT PERFORMANCE	DATA - TI	NO STAGE	COOLIN	G						
RGH090HDAA0AAA	2AIA - II	JIAGE				I				
RGH090LDAA0AAA	7.5	89,000	N/A	12 00	125,000	82.0	49-3/8 x 59-1/2 x 88-1/8	920 (420)		
RGH090SDAA0AAA	7.5	09,000	IN/A	12.00	123,000	02.0	(1253 x 1510 x 2238)	920 (420)		
RGH090HEAA0AAA	7 5	90.000	NI/A	12.00	100 000	00.0	49-3/8 x 59-1/2 x 88-1/8	020 (420)		
RGH090LEAA0AAA	7.5	89,000	N/A	12.00	180,000	82.0	(1253 x 1510 x 2238)	920 (420)		
RGH090SEAA0AAA							` '			
RGH090HFAA0AAA	- -	00.000		40.00	004.005	00.0	49-3/8 x 59-1/2 x 88-1/8	000 (400)		
RGH090LFAA0AAA	7.5	89,000	N/A	12.00	224,000	82.0	(1253 x 1510 x 2238)	920 (420)		
RGH090SFAA0AAA							(=====================================			
RGH102HDAA0AAA	_						49-3/8 x 59-1/2 x 88-1/8			
RGH102LDAA0AAA	8.5	97,000	N/A	12.00	125,000	82.0	(1253 x 1510 x 2238)	925 (420)		
RGH102SDAA0AAA							(1200 X 1010 X 2200)			
RGH102HEAA0AAA							49-3/8 x 59-1/2 x 88-1/8			
RGH102LEAA0AAA	8.5	97,000	N/A	12.00	180,000	82.0		925 (420)		
RGH102SEAA0AAA							(1253 x 1510 x 2238)	' '		
RGH102HFAA0AAA							40 2/0 v 50 4/0 · 00 4/0			
RGH102LFAA0AAA	8.5	97,000	N/A	12.00	224,000	82.0	49-3/8 x 59-1/2 x 88-1/8	925 (420)		
		,	,, .		,		(1253 x 1510 x 2238)	J = 0 (. = 0)		

RGH (continued)

HINIT DEDECOMANCE	DATA T	NO STACE	COOLIN	C (Cani	linuad)				
UNIT PERFORMANCE	DAIA - II		oling	G (Con	inued) Hea	tina		0	
	l		Jonnig			ung	11 1 1 4 14 14 15 41	Operating	
	Nominal	Capacity			Input		Height x Width x Depth	Weight	
Model Number	Tons	BTU/h	SEER	EER	BTU/h	AFUE%	in (mm)	lbs (kg)	Notes
RGH110HDAA0AAA	40	444.000	N1/A	40	400 000	00.0	49-3/8 x 59-1/2 x 88-1/8	4000 (400)	
RGH110LDAA0AAA	10	111,000	N/A	12	180,000	82.0	(1253 x 1510 x 2238)	1099 (498)	
RGH110SDAA0AAA							,		
RGH110HEAA0AAA		444.000	NI/A	40	004.000	00.0	49-3/8 x 59-1/2 x 88-1/8	4000 (400)	
RGH110LEAA0AAA	10	111,000	N/A	12	224,000	82.0	(1253 x 1510 x 2238)	1099 (498)	
RGH110SEAA0AAA							,		
RGH110HFAA0AAA RGH110LFAA0AAA	10	111 000	NI/A	40	250,000	82.0	49-3/8 x 59-1/2 x 88-1/8	1000 (400)	
RGH110SFAA0AAA	10	111,000	N/A	12	250,000	82.0	(1253 x 1510 x 2238)	1099 (498)	
RGH120HDAA0AAA							· · · · · · · · · · · · · · · · · · ·		
RGH120LDAA0AAA	10	115,000	N/A	11.50	180,000	82.0	49-3/8 x 59-1/2 x 88-1/8	1099 (498)	
RGH120SDAA0AAA		113,000	IN/A	11.50	100,000	02.0	(1253 x 1510 x 2238)	1099 (490)	
RGH120HEAA0AAA									
RGH120LEAA0AAA	10	115,000	N/A	11 50	224,000	82.0	49-3/8 x 59-1/2 x 88-1/8	1099 (498)	
RGH120SEAA0AAA	i '`	110,000	14// (11.00	221,000	02.0	(1253 x 1510 x 2238)	1000 (100)	
RGH120HFAA0AAA							40.0/0 50.4/0 00.4/0		
RGH120LFAA0AAA	10	115,000	N/A	11.50	250,000	80.0	49-3/8 x 59-1/2 x 88-1/8	1099 (498)	
RGH120SFAA0AAA		,				5515	(1253 x 1510 x 2238)	(100)	
RGH150HDAA0AAA	40.5	440,000	NI/A	40.00	450,000	00.0	49-3/8 x 59-1/2 x 88-1/8	4400 (040)	
RGH150LDAA0AAA	12.5	146,000	N/A	12.20	150,000	80.0	(1253 x 1510 x 2238)	1430 (649)	
RGH150HEAA0AAA							49-3/8 x 59-1/2 x 88-1/8		
RGH150LEAA0AAA	12.5	146,000	N/A	12.20	180,000	81.0		1430 (649)	
RGH150SEAA0AAA							(1253 x 1510 x 2238)		
RGH150HFAA0AAA							57-3/8 x 63-3/8 x 115-		
RGH150LFAA0AAA	12.5	146,000	N/A	12.20	240,000	81.0	7/8	1430 (649)	
RGH150SFAA0AAA							(1456 x 1609 x 2942)		
UNIT PERFORMANCE	DATA FOR	R LOW NOx	MODELS	S					
		Co	oling		Hea	ting		Operating	
	Nominal	Capacity			Input		Height x Width x Depth	Weight	
Model Number	Tons	BTU/h	SEER	EER	BTU/h	AFUE%	in (mm)	lbs (kg)	Notes
RGH036KLXA0AAA							33-3/8 x 46-3/4 x 74-3/8		
RGH036HLXA0AAA	3	36,000	15.00	12.50	60,000	80.0	(847 x 1187 x 1888)	505 (229)	
RGH036LLXA0AAA									
RGH036KMXA0AAA							(047 X 1107 X 1000)		
RGH036HMXA0AAA									
	3	36,000	15.00	12.50	90,000	81.0	33-3/8 x 46-3/4 x 74-3/8	505 (229)	
RGH036LMXA0AAA	3	36,000	15.00	12.50	90,000	81.0		505 (229)	
RGH036LMXA0AAA RGH048KLXA0AAA	3	36,000				81.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888)		
		36,000 48,500		12.50 13.00		81.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8	505 (229) 590 (268)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA	4						33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888)		
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA	4	48,500	15.60	13.00	60,000	80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048HMXA0AAA	4			13.00			33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8	` `	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048HMXA0AAA RGH048LMXA0AAA	4	48,500	15.60	13.00	60,000	80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048HMXA0AAA RGH048LMXA0AAA RGH048KNXA0AAA	4	48,500 48,500	15.60 15.60	13.00	60,000	80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268) 590 (268)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048HMXA0AAA RGH048LMXA0AAA RGH048KNXA0AAA RGH048HNXA0AAA	4	48,500	15.60 15.60	13.00	60,000	80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8	590 (268)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048HMXA0AAA RGH048LMXA0AAA RGH048KNXA0AAA RGH048HNXA0AAA	4	48,500 48,500	15.60 15.60	13.00	60,000	80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268) 590 (268)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048HMXA0AAA RGH048LMXA0AAA RGH048KNXA0AAA RGH048HNXA0AAA RGH048LNXA0AAA RGH060KLXA0AAA	4 4	48,500 48,500 48,500	15.60 15.60	13.00 13.00 13.00	60,000 90,000 120,000	80.0 81.0 80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268) 590 (268) 590 (268)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048HMXA0AAA RGH048LMXA0AAA RGH048KNXA0AAA RGH048HNXA0AAA RGH048LNXA0AAA RGH060KLXA0AAA	4 4	48,500 48,500	15.60 15.60	13.00 13.00 13.00	60,000	80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268) 590 (268)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048HMXA0AAA RGH048KNXA0AAA RGH048KNXA0AAA RGH048HNXA0AAA RGH048LNXA0AAA RGH060KLXA0AAA RGH060HLXA0AAA	4 4 4 5	48,500 48,500 48,500	15.60 15.60	13.00 13.00 13.00	60,000 90,000 120,000	80.0 81.0 80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268) 590 (268) 590 (268)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048LMXA0AAA RGH048LMXA0AAA RGH048HNXA0AAA RGH048LNXA0AAA RGH060KLXA0AAA RGH060HLXA0AAA RGH060LLXA0AAA	4 4 4 5	48,500 48,500 48,500 57,500	15.60 15.60 15.20	13.00 13.00 13.00 12.45	60,000 90,000 120,000 60,000	80.0 81.0 80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268) 590 (268) 590 (268) 600 (271)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048HMXA0AAA RGH048KNXA0AAA RGH048HNXA0AAA RGH048HNXA0AAA RGH060KLXA0AAA RGH060HLXA0AAA RGH060KMXA0AAA RGH060KMXA0AAA	4 4 4 5	48,500 48,500 48,500	15.60 15.60 15.20	13.00 13.00 13.00	60,000 90,000 120,000 60,000	80.0 81.0 80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268) 590 (268) 590 (268)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048LMXA0AAA RGH048LMXA0AAA RGH048HNXA0AAA RGH048LNXA0AAA RGH060KLXA0AAA RGH060HLXA0AAA RGH060KMXA0AAA RGH060HMXA0AAA RGH060HMXA0AAA	4 4 4 5	48,500 48,500 48,500 57,500	15.60 15.60 15.20	13.00 13.00 13.00 12.45	60,000 90,000 120,000 60,000	80.0 81.0 80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268) 590 (268) 590 (268) 600 (271)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048HMXA0AAA RGH048KNXA0AAA RGH048KNXA0AAA RGH048LNXA0AAA RGH060KLXA0AAA RGH060HLXA0AAA RGH060KMXA0AAA RGH060HMXA0AAA RGH060HMXA0AAA RGH060HMXA0AAA RGH060HMXA0AAA	4 4 4 5	48,500 48,500 48,500 57,500	15.60 15.60 15.20	13.00 13.00 13.00 12.45	60,000 90,000 120,000 60,000 90,000	80.0 81.0 80.0 81.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268) 590 (268) 590 (268) 600 (271)	
RGH048KLXA0AAA RGH048HLXA0AAA RGH048LLXA0AAA RGH048KMXA0AAA RGH048LMXA0AAA RGH048LMXA0AAA RGH048HNXA0AAA RGH048LNXA0AAA RGH060KLXA0AAA RGH060HLXA0AAA RGH060KMXA0AAA RGH060HMXA0AAA RGH060HMXA0AAA	4 4 4 5 5	48,500 48,500 48,500 57,500	15.60 15.60 15.20	13.00 13.00 13.00 12.45	60,000 90,000 120,000 60,000	80.0 81.0 80.0	33-3/8 x 46-3/4 x 74-3/8 (847 x 1187 x 1888) 41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	590 (268) 590 (268) 590 (268) 600 (271)	

HIGH EFFICIENCY PACKAGE GAS HEATING/ELECTRIC COOLING R-410A SINGLE PACKAGE ROOFTOP 15 - 25 TONS

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- · One-piece, gas heating and electric cooling with a low profile, prewired, tested and charged at the factory
- Dedicated vertical or horizontal air flow duct configuration models; no field kits required
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- · Fully insulated cabinet
- Two-stage cooling with independent circuits and control on all models
- · Redundant gas valve for two stage gas heating capacity control
- Exclusive IGC solid-state control for on-board diagnostics with LED error code designation, burner control logic and energy saving indoor fan motor delay
- High efficiency, gas heat with induced draft flue exhaust design
- Scroll compressors on all models
- · All units have high and low pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- Refrigerant circuits contain a liquid line filter drier to trap dirt and moisture
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; end drain
- · Belt drive evaporator-fan motor and pulley combinations available to meet most applications
- Access panels with easy grip handles provide quick and easy access to the blower and blower motor, control box, and compressors
- "No-strip" screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal
- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Standard outdoor temperature cooling operation range up to 125°F (52°C) and down to 35°F (2°C)
- TXV metering devices on all models to precisely control refrigerant flow
- · Large, laminated control wiring and power wiring drawings are affixed to unit to make troubleshooting easy
- Standard, medium and high static fan motor options available
- · Capable of thru-the-base or thru-the-curb gas line routing
- Single point gas and electrical connections

WARRANTY

- 15 Year limited warranty on optional stainless steel heat exchanger
- 10 Year limited warranty on aluminized heat exchanger
- 5 year compressor limited warranty
- 1 year parts limited warranty
 See warranty certificate for complete details



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .



International Comfort Products, has

determined that this product meets the ENERGY STAR® guidelines for energy



UNIT PERFORMANCI	JNIT PERFORMANCE DATA													
			Cool	ing	Heati			Operating						
	Dedicated		Сар.		Input	AFUE	Height x Width x	Weight						
Model Number	Airflow	Tons	BTU/h	EER	BTU/h	%	Depth in (mm)	lbs (kg)	Notes					
RGH181HDAA0AAA							49-3/8 x 86-5/8 x 127-7/8							
RGH181LDAA0AAA	Vertical	15	174,000	12.00	220,000	81.0	(1253 x 2199 x 3249)	1892 (860)						
RGH181SDAA0AAA							(1255 X 2199 X 3249)							
RGH181HEAA0AAA							49-3/8 x 86-5/8 x 127-7/8							
RGH181LEAA0AAA	Vertical	15	174,000	12.00	310,000	81.0	(1253 x 2199 x 3249)	1892 (860)						
RGH181SEAA0AAA							(1233 X 2199 X 3249)							
RGH181HFAA0AAA							49-3/8 x 86-5/8 x 127-7/8							
RGH181LFAA0AAA	Vertical	15	174,000	12.00	400,000	81.0	(1253 x 2199 x 3249)	1892 (860)						
RGH181SFAA0AAA							(1200 x 2199 x 3249)							

continued on next page

RGH (Continued)

UNIT PERFORMANCE [DATA (Contin	uea)							
			Cool	ing	Heating			Operating	
	Dedicated		Сар.		Input	AFUE	Height x Width x Depth	Weight	
Model Number	Airflow	Tons	BTU/h	EER	BTU/h	%	in (mm)	lbs (kg)	Notes
RGH183HDAA0AAA							49-3/8 x 86-5/8 x 127-7/8	` ' '	
RGH183LDAA0AAA	Horizontal	15	174,000	12.00	220,000	81.0		1892 (860)	
RGH183SDAA0AAA					-		(1253 x 2199 x 3249)	, ,	
RGH183HEAA0AAA							49-3/8 x 86-5/8 x 127-7/8		
RGH183LEAA0AAA	Horizontal	15	174,000	12.00	310,000	81.0		1892 (860)	
RGH183SEAA0AAA							(1253 x 2199 x 3249)		
RGH183HFAA0AAA							49-3/8 x 86-5/8 x 127-7/8		
RGH183LFAA0AAA	Horizontal	15	174,000	12.00	400,000	81.0	(1253 x 2199 x 3249)	1892 (860)	
RGH183SFAA0AAA							(1255 X 2199 X 5249)		
RGH210HDAA0AAA							49-3/8 x 86-5/8 x 141-1/2		
RGH210LDAA0AAA	Vertical	17.5	202,000	12.00	220,000	81.0	(1253 x 2199 x 3594)	2102 (956)	
RGH210SDAA0AAA							(1253 X 2 199 X 3594)		
RGH210HEAA0AAA							49-3/8 x 86-5/8 x 141-1/2		
RGH210LEAA0AAA	Vertical	17.5	202,000	12.00	310,000	81.0	(1253 x 2199 x 3594)	2102 (956)	
RGH210SEAA0AAA							(1200 X 2199 X 3094)		
RGH210HFAA0AAA							49-3/8 x 86-5/8 x 141-1/2		
RGH210LFAA0AAA	Vertical	17.5	202,000	12.00	400,000	81.0	(1253 x 2199 x 3594)	2102 (956)	
RGH210SFAA0AAA							(1233 X 2199 X 3394)		
RGH213HDAA0AAA							49-3/8 x 86-5/8 x 141-1/2		
RGH213LDAA0AAA	Horizontal	17.5	202,000	12.00	220,000	81.0	(1253 x 2199 x 3594)	2102 (956)	
RGH213SDAA0AAA							(1200 X 2100 X 0004)		
RGH213HEAA0AAA							49-3/8 x 86-5/8 x 141-1/2		
RGH213LEAA0AAA	Horizontal 17.	17.5 202,00	202,000	0 12.00	310,000	81.0	(1253 x 2199 x 3594)	2102 (956)	
RGH213SEAA0AAA							(1233 X 2199 X 3394)		
RGH213HFAA0AAA							49-3/8 x 86-5/8 x 141-1/2		
RGH213LFAA0AAA	Horizontal	17.5	202,000	12.00	400,000	81.0	(1253 x 2199 x 3594)	2102 (956)	
RGH213SFAA0AAA							(1235 X 2135 X 3354)		
RGH240HDAA0AAA							57-3/8 x 86-5/8 x 141-1/2		
RGH240LDAA0AAA	Vertical	20	236,000	12.00	220,000	81.0	(1458 x 2199 x 3594)	2247 (1021)	
RGH240SDAA0AAA							(1400 X 2100 X 0004)		
RGH240HEAA0AAA							57-3/8 x 86-5/8 x 141-1/2		
RGH240LEAA0AAA	Vertical	20	236,000	12.00	310,000	81.0	(1458 x 2199 x 3594)	2247 (1021)	
RGH240SEAA0AAA							(1400 X 2100 X 0004)		
RGH240HFAA0AAA							57-3/8 x 86-5/8 x 141-1/2		
RGH240LFAA0AAA	Vertical	20	236,000	12.00	400,000	81.0	(1458 x 2199 x 3594)	2247 (1021)	
RGH240SFAA0AAA							(1100 X 2100 X 000 1)		
RGH243HDAA0AAA	1						57-3/8 x 86-5/8 x 141-1/2		
RGH243LDAA0AAA	Horizontal	20	236,000	12.00	220,000	81.0	(1458 x 2199 x 3594)	2247 (1021)	
RGH243SDAA0AAA							(1400 X 2100 X 0004)		
RGH243HEAA0AAA	1		000 000	40.55	040.555		57-3/8 x 86-5/8 x 141-1/2		
RGH243LEAA0AAA	Horizontal	20	236,000	12.00	310,000	81.0	(1458 x 2199 x 3594)	2247 (1021)	
RGH243SEAA0AAA							(1100 X 2100 X 0004)		
RGH243HFAA0AAA	↓		000 000	40.55	400 000	, ,	57-3/8 x 86-5/8 x 141-1/2		
RGH243LFAA0AAA	Horizontal	20	236,000	12.00	400,000	81.0	(1458 x 2199 x 3594)	2247 (1021)	
RGH243SFAA0AAA							(.100 X 2100 X 0004)		
RGH300HDAA0AAA	1 ,,		000 5 = 1		000 5		57-3/8 x 86-5/8 x 157-3/4		
RGH300LDAA0AAA	Vertical	25	282,000	11.20	220,000	81.0	(1456 x 2199 x 4007)	2193 (997)	
RGH300SDAA0AAA							(1100 X 2100 X 4001)		
RGH300HEAA0AAA]						57-3/8 x 86-5/8 x 157-3/4		
RGH300LEAA0AAA	Vertical	25	282,000	11.20	310,000	81.0	(1456 x 2199 x 4007)	2193 (997)	
RGH300SEAA0AAA							(1700 X 2199 X 4001)		
RGH300HFAA0AAA							57-3/8 x 86-5/8 x 157-3/4		
RGH300LFAA0AAA	Vertical	25	282,000	11.20	400,000	81.0		2193 (997)	
RGH300SFAA0AAA	1						(1456 x 2199 x 4007)		

continued on next page

RGH (Continued)

UNIT PERFORMANCE DATA (Continued)											
			Cool	Cooling		ng		Operating			
	Dedicated		Сар.		Input	AFUE	Height x Width x Depth	Weight			
Model Number	Airflow	Tons	BTU/h	EER	BTU/h	%	in (mm)	lbs (kg)	Notes		
RGH303HDAA0AAA							57-3/8 x 86-5/8 x 157-3/4				
RGH303LDAA0AAA	Horizontal	25	282,000	11.20	220,000	81.0	(1456 x 2199 x 4007)	2193 (997)			
RGH303SDAA0AAA							(1430 X 2199 X 4007)				
RGH303HEAA0AAA							57-3/8 x 86-5/8 x 157-3/4				
RGH303LEAA0AAA	Horizontal	25	282,000	11.20	310,000	81.0		2193 (997)			
RGH303SEAA0AAA							(1456 x 2199 x 4007)				
RGH303HFAA0AAA							57-3/8 x 86-5/8 x 157-3/4				
RGH303LFAA0AAA	Horizontal	25	282,000	11.20	400,000	81.0	(1456 x 2199 x 4007)	2193 (997)			
RGH303SFAA0AAA							(1430 X 2 199 X 4007)				

PACKAGE GAS HEATING/ELECTRIC COOLING R-410A SINGLE PACKAGE ROOFTOP 3 - 15 TONS (1 & 3-Phase)

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- · Standard Efficiency, gas heating and electric cooling with a low profile, prewired, tested and charged at the factory
- Field Convertible from vertical to horizontal airflow on all models. No special kit required on 036–150 models. Field accessory supply duct kit required for 180 size model only.
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Fully insulated cabinet
- Tubular-section type aluminized heat exchanger standard with optional stainless steel heat exchanger available
- · Single-stage or two stage cooling capacity control
- · Redundant gas valve, up to two stages of heating
- Exclusive IGC solid-state control for on-board diagnostics with LED error code designation, burner control logic and energy saving indoor fan motor delay
- High efficiency, gas heat with induced draft flue exhaust design
- · Single or dual scroll compressor with internal line-break overload protection
- · All units have high and low pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- Refrigerant circuits contain a liquid line filter drier to trap dirt and moisture
- · Indoor and outdoor coils constructed of aluminum fins mechanically bonded to seamless copper tubes
- Newly-designed indoor refrigerant header for easier maintenance and replacement
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; side or center drain
- Belt drive evaporator-fan motor and pulley combinations available to meet any application
- Access panels with easy grip handles provide quick and easy access to the blower and blower motor, control box, and compressor
- No-strip screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal

RGS091-121

- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Outdoor temperature cooling operation range up to 115°F (46°C) and down to 25°F (4°C) using winter start kit
- · Fixed orifice metering devices on all models to precisely control refrigerant flow
- Large, laminated control wiring and power wiring drawings are affixed to unit to make troubleshooting easy
- · Standard, medium and high static fan motor options available
- · Provisions for thru-the-bottom power entry capability
- · Single point gas and electrical connections
- Low NOx models include stainless steel heat exchangers

WARRANTY

- 15 Year limited warranty on optional stainless steel heat exchanger
- 10 year limited warranty on aluminized heat exchanger
- 5 year compressor limited warranty
- 1 year parts limited warranty

See warranty certificate for complete details



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



UNIT PERFORMANCE	DATA - SIN	IGLE STAG	E COOL	ING					
		Co	Cooling			ating		Operating	
	Nominal	Capacity			Input	Thermal	Height x Width x Depth	Weight	
Model Number	Tons	BTU/h	SEER	EER	BTU/h	EFF%	in (mm)	lbs (kg)	Notes
RGS036KDAA0AAA									
RGS036HDAA0AAA	3	24 600	12.00	11.00	72.000	80-82	33-3/8 x 46-3/4 x 74-3/8	483 (219)	
RGS036LDAA0AAA	3	34,600	13.00	11.00	72,000	00-02	(847 x 1187 x 1888)	403 (219)	
RGS036SDAA0AAA									
RGS036KEAA0AAA									
RGS036HEAA0AAA	3	34,600	12.00	11 00	115 000	00.00	33-3/8 x 46-3/4 x 74-3/8	402 (240)	
RGS036LEAA0AAA] 3		13.00	11.00	115,000	80-82	(847 x 1187 x 1888)	483 (219)	
RGS036SEAA0AAA									

continued on next page



RGS036-072

Specifications	ala:aa44		: 414 4	4:	
Specifications	SHIDIECT	n channe	WITHOUT	notice	

UNIT PERFORMANCE	DATA - SI			LING (
		Co	ooling		Hea	ating		Operating	
	Nominal	Capacity			Input		Height x Width x Depth	Weight	
Model Number	Tons	BTU/h	SEER	EER	BTU/h	AFUE%	in (mm)	lbs (kg)	Notes
RGS048KDAA0AAA							•		
RGS048HDAA0AAA	1	45,000	12.00	11.00	72,000	80-82	33-3/8 x 46-3/4 x 74-3/8	527 (244)	
RGS048LDAA0AAA	4	45,000	13.00	11.00	12,000	00-02	(847 x 1187 x 1888)	537 (244)	
RGS048SDAA0AAA									
RGS048KEAA0AAA									
RGS048HEAA0AAA	4	45,000	12.00	11 00	115,000	80-82	33-3/8 x 46-3/4 x 74-3/8	537 (244)	
RGS048LEAA0AAA	4	43,000	13.00	11.00	113,000	00-02	(847 x 1187 x 1888)	337 (244)	
RGS048SEAA0AAA									
RGS048KFAA0AAA									
RGS048HFAA0AAA	4	45,000	13.00	11 00	150,000	80-82	33-3/8 x 46-3/4 x 74-3/8	537 (244)	
RGS048LFAA0AAA		45,000	13.00	11.00	130,000	00-02	(847 x 1187 x 1888)	337 (244)	
RGS048SFAA0AAA									
RGS060KDAA0AAA									
RGS060HDAA0AAA	5	59,000	13.00	10.80	72,000	80-82	33-3/8 x 46-3/4 x 74-3/8	569 (258)	
RGS060LDAA0AAA		33,000	13.00	10.00	12,000	00-02	(847 x 1187 x 1888)	309 (230)	
RGS060SDAA0AAA									
RGS060KEAA0AAA									
RGS060HEAA0AAA	5	59,000	13.00	10.80	115,000	80-82	33-3/8 x 46-3/4 x 74-3/8	569 (258)	
RGS060LEAA0AAA		33,000	13.00	10.00	110,000	00-02	(847 x 1187 x 1888)	303 (230)	
RGS060SEAA0AAA									
RGS060KFAA0AAA									
RGS060HFAA0AAA	5	59,000	13.00	10.80	150,000	80-82	33-3/8 x 46-3/4 x 74-3/8	569 (258)	
RGS060LFAA0AAA		00,000	10.00	10.00	100,000	00 02	(847 x 1187 x 1888)	000 (200)	
RGS060SFAA0AAA									
RGS072HDAA0AAA							41-3/8 x 46-3/4 x 74-3/8		
RGS072LDAA0AAA	6	70,000	N/A	11.00	72,000	80-82	(1051 x 1187 x 1888)	652 (296)	
RGS072SDAA0AAA							(1001 x 1107 x 1000)		
RGS072HEAA0AAA	_						41-3/8 x 46-3/4 x 74-3/8		
RGS072LEAA0AAA	6	70,000	N/A	11.00	115,000	80-82	(1051 x 1187 x 1888)	652 (296)	
RGS072SEAA0AAA							(1001 X 1101 X 1000)		
RGS072HFAA0AAA	_						41-3/8 x 46-3/4 x 74-3/8		
RGS072LFAA0AAA	6	70,000	N/A	11.00	150,000	80-82	(1051 x 1187 x 1888)	652 (296)	
RGS072SFAA0AAA							(1001 / 1101 / 1000)		
RGS091HDAA0AAA	4			44.00	40=000		41-1/4 x 59-1/2 x 88-1/8	0.40 (0.0=)	
RGS091LDAA0AAA	7.5	88,000	N/A	11.00	125,000	80-82	(1048 x 1510 x 2238)	810 (367)	
RGS091SDAA0AAA							(101011101011=00)		
RGS091HEAA0AAA		00.000	. 1/4	44.00	400.000	00.00	41-1/4 x 59-1/2 x 88-1/8	040 (007)	
RGS091LEAA0AAA	7.5	88,000	N/A	11.00	180,000	80-82	(1048 x 1510 x 2238)	810 (367)	
RGS091SEAA0AAA							(
RGS091HFAA0AAA		00.000	NI/A	44.00	004 000	00.00	41-1/4 x 59-1/2 x 88-1/8	040 (007)	
RGS091LFAA0AAA	7.5	88,000	N/A	11.00	224,000	80-82	(1048 x 1510 x 2238)	810 (367)	
RGS091SFAA0AAA							(
RGS101HDAA0AAA	0.5	07.000	NI/A	11 00	125 000	90.00	49-3/8 x 59-1/2 x 88-1/8	010 (442)	
RGS101LDAA0AAA	8.5	97,000	N/A	11.00	125,000	80-82	(1253 x 1510 x 2238)	910 (413)	
RGS101SDAA0AAA RGS101HEAA0AAA							<u>'</u>		
	0.5	07.000	NI/A	11 00	100 000	90.00	49-3/8 x 59-1/2 x 88-1/8	010 (442)	
RGS101LEAA0AAA	8.5	97,000	N/A	11.00	180,000	80-82	(1253 x 1510 x 2238)	910 (413)	
RGS101SEAA0AAA							,		
RGS101HFAA0AAA	0 =	07.000	NI/A	11 00	224 000	90.92	49-3/8 x 59-1/2 x 88-1/8	010 (442)	
RGS101LFAA0AAA RGS101SFAA0AAA	8.5	97,000	N/A	11.00	224,000	80-82	(1253 x 1510 x 2238)	910 (413)	

UNIT PERFORMANCE	DATA - SI	NGI E STA	SE COO	I ING (Continued	N			
UNIT FERT ORMANGE	DAIA - SI		ooling	LING (ating		Operating	
	Nominal	Capacity			Input	Thermal	Height x Width x Depth	Weight	
Madal Number		BTU/h	CEED	FED	BTU/h			_	Natas
Model Number RGS121HDAA0AAA	Tons	BTU/II	SEER	EEK	BTU/II	Eff.%	in (mm)	lbs (kg)	Notes
RGS121LDAA0AAA	10	117,000	N/A	11 00	180,000	80-82	49-3/8 x 59-1/2 x 88-1/8	065 (439)	
RGS121SDAA0AAA	10	117,000	IN/A	11.00	100,000	00-02	(1253 x 1510 x 2238)	965 (438)	
							,		
RGS121HEAA0AAA	40	117 000	NI/A	44.00	004 000	00.00	49-3/8 x 59-1/2 x 88-1/8	005 (400)	
RGS121LEAA0AAA	10	117,000	N/A	11.00	224,000	80-82	(1253 x 1510 x 2238)	965 (438)	
RGS121SEAA0AAA							,		
RGS121HFAA0AAA	40	447.000	N1/A	44.00	050 000	00.00	49-3/8 x 59-1/2 x 88-1/8	005 (400)	
RGS121LFAA0AAA	10	117,000	N/A	11.00	250,000	80-82	(1253 x 1510 x 2238)	965 (438)	
RGS121SFAA0AAA							(====;		
UNIT PERFORMANCE	DATA - TV	NO STAGE	COOLIN	IG					
RGS090HDAA0AAA		1					44 4/4 50 4/9 00 4/9		
RGS090LDAA0AAA	7.5	83,000	N/A	11.00	125,000	80-82	41-1/4 x 59-1/2 x 88-1/8	810 (367)	
RGS090SDAA0AAA	1	,			, , , , ,		(1048 x 1510 x 2238)	, (,	
RGS090HEAA0AAA	<u> </u>	<u> </u>					44 4/4 50 4/0 00 4/5		
RGS090LEAA0AAA	7.5	83,000	N/A	11.00	180,000	80-82	41-1/4 x 59-1/2 x 88-1/8	810 (367)	
RGS090SEAA0AAA	1	-2,500	""	55	,		(1048 x 1510 x 2238)		
RGS090HFAA0AAA								†	
RGS090LFAA0AAA	7.5	83,000	N/A	11 00	224,000	80-82	41-1/4 x 59-1/2 x 88-1/8	810 (367)	
RGS090SFAA0AAA	1 7.5	00,000	IN//	11.00	224,000	00-02	(1048 x 1510 x 2238)	010 (307)	
RGS102HDAA0AAA									
RGS102LDAA0AAA	8.5	97,000	N/A	11 00	125,000	80-82	49-3/8 x 59-1/2 x 88-1/8	910 (413)	
RGS102SDAA0AAA	0.5	97,000	IV/A	11.00	123,000	00-02	(1253 x 1510 x 2238)	910 (413)	
RGS1023DAA0AAA							· ·		
RGS102HEAA0AAA	8.5	97,000	N/A	11 00	180,000	80-82	49-3/8 x 59-1/2 x 88-1/8	910 (413)	
	0.5	97,000	IN/A	11.00	160,000	00-02	(1253 x 1510 x 2238)	910 (413)	
RGS102SEAA0AAA							,		
RGS102HFAA0AAA	0.5	07.000	NI/A	44.00	004 000	00.00	49-3/8 x 59-1/2 x 88-1/8	040 (440)	
RGS102LFAA0AAA	8.5	97,000	N/A	11.00	224,000	80-82	(1253 x 1510 x 2238)	910 (413)	
RGS102SFAA0AAA							,		
RGS120HDAA0AAA	40	447.000	N1/A	44.00	400.000	00.00	49-3/8 x 59-1/2 x 88-1/8	005 (400)	
RGS120LDAA0AAA	10	117,000	N/A	11.00	180,000	80-82	(1253 x 1510 x 2238)	965 (438)	
RGS120SDAA0AAA							(,		
RGS120HEAA0AAA				44.00			49-3/8 x 59-1/2 x 88-1/8	00= (400)	
RGS120LEAA0AAA	10	117,000	N/A	11.00	224,000	80-82	(1253 x 1510 x 2238)	965 (438)	
RGS120SEAA0AAA							(1200 X 1010 X 2200)		
RGS120HFAA0AAA	1						49-3/8 x 59-1/2 x 88-1/8		
RGS120LFAA0AAA	10	117,000	N/A	11.00	250,000	80-82	(1253 x 1510 x 2238)	965 (438)	
RGS120SFAA0AAA							(1200 X 1010 X 2200)		
RGS150HDAA0AAA							49-3/8 x 59-1/2 x 88-1/8		
RGS150LDAA0AAA	12.5	140,000	N/A	10.80	180,000	80-82	(1253 x 1510 x 2238)	1116 (506)	
RGS150SDAA0AAA							(1253 x 1510 x 2258)		
RGS150HEAA0AAA							49-3/8 x 59-1/2 x 88-1/8		
RGS150LEAA0AAA	12.5	140,000	N/A	10.80	224,000	80-82		1116 (506)	
RGS150SEAA0AAA							(1253 x 1510 x 2238)		
RGS150HFAA0AAA							49-3/8 x 59-1/2 x 88-1/8		
RGS150LFAA0AAA	12.5	140,000	N/A	10.80	250,000	80-82		1116 (506)	
RGS150SFAA0AAA	1						(1253 x 1510 x 2238)	` '	
RGS180HDAA0AAA							E7 0/0 v 00 0/0 · 445 7/0		
RGS180LDAA0AAA	15	174,000	N/A	10.80	180,000	80-82	57-3/8 x 63-3/8 x 115-7/8	1380 (627)	
RGS180SDAA0AAA	1				,		(1456 x 1609 x 2942)		
RGS180HEAA0AAA							0/0		
RGS180LEAA0AAA	15	174,000	N/A	10.80	240,000	80-82	57-3/8 x 63-3/8 x 115-7/8	1380 (627)	
RGS180SEAA0AAA	i 'ĭ	17 1,000	,, .	10.00	_ 10,000	00 02	(1456 x 1609 x 2942)	1000 (021)	
RGS180HFAA0AAA									
	15	174,000	NI/A	10 00	350,000	80-82	57-3/8 x 63-3/8 x 115-7/8	1390 (637)	
RGS180LFAA0AAA RGS180SFAA0AAA	15	174,000	N/A	10.80	350,000	00-02	(1456 x 1609 x 2942)	1380 (627)	
NGOTOUSTAAUAAA	Ī						<u> </u>	continued on	

UNIT PERFORMANCE	DATA FOR			.S		4.			
			ooling			ating		Operating	
	Nominal	Capacity			Input	Thermal	Height x Width x Depth	Weight	
Model Number	Tons	BTU/h	SEER	EER	BTU/h	Eff.%	in (mm)	lbs (kg)	Notes
RGS036KLAA0AAA									
RGS036HLAA0AAA	3	34,600	13 00	11.00	72,000	80-82	33-3/8 x 46-3/4 x 74-3/8	483 (219)	
RGS036LLAA0AAA]	34,000	13.00	11.00	12,000	00-02	(847 x 1187 x 1888)	403 (219)	
RGS036SLAA0AAA									
RGS036KMAA0AAA									
RGS036HMAA0AAA	3	34,600	13.00	11 00	115,000	80-82	33-3/8 x 46-3/4 x 74-3/8	483 (219)	
RGS036LMAA0AAA]	34,000	13.00	11.00	110,000	00-02	(847 x 1187 x 1888)	403 (213)	
RGS036SMAA0AAA									
RGS048KLAA0AAA									
RGS048HLAA0AAA	4	45,000	13 00	11.00	72,000	80-82	33-3/8 x 46-3/4 x 74-3/8	537 (244)	
RGS048LLAA0AAA		10,000	10.00	11.00	72,000	00 02	(847 x 1187 x 1888)	007 (211)	
RGS048SLAA0AAA									
RGS048KMAA0AAA									
RGS048HMAA0AAA	4	45,000	13.00	11.00	115,000	80-82	33-3/8 x 46-3/4 x 74-3/8	537 (244)	
RGS048LMAA0AAA	,	10,000			,	00 02	(847 x 1187 x 1888)	(= : :)	
RGS048SMAA0AAA									
RGS048KNAA0AAA							00 0/0 40 0/4 74 0/0		
RGS048HNAA0AAA	4	45,000	13.00	11.00	150,000	80-82	33-3/8 x 46-3/4 x 74-3/8	537 (244)	
RGS048LNAA0AAA		,,,,,,,			,	***	(847 x 1187 x 1888)	,	
RGS048SNAA0AAA									
RGS060KLAA0AAA							22 2/0 40 2/4 74 2/0		
RGS060HLAA0AAA	5	59,000	13.00	10.80	72,000	80-82	33-3/8 x 46-3/4 x 74-3/8	569 (258)	
RGS060LLAA0AAA		,			ŕ		(847 x 1187 x 1888)	,	
RGS060SLAA0AAA									
RGS060KMAA0AAA	ļ						22 2/0 × 46 2/4 × 74 2/0		
RGS060HMAA0AAA	5	59,000	13.00	10.80	115,000	80-82	33-3/8 x 46-3/4 x 74-3/8	569 (258)	
RGS060LMAA0AAA	ĺ				,		(847 x 1187 x 1888)		
RGS060SMAA0AAA									
RGS060KNAA0AAA	-						33-3/8 x 46-3/4 x 74-3/8		
RGS060HNAA0AAA	5	59,000	13.00	10.80	150,000	80-82		569 (258)	
RGS060LNAA0AAA							(847 x 1187 x 1888)		
RGS060SNAA0AAA									

ASHRAE 90.1 COMPLIANT PACKAGE GAS HEATING/ELECTRIC COOLING R-410A SINGLE PACKAGE ROOFTOP 17.5 - 27.5 TONS

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- One-piece, standard efficiency, gas heating and electric cooling with a low profile, prewired, tested and charged at the factory
- Dedicated vertical or horizontal air flow duct configuration models; no field kits required
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Fully insulated cabinet
- Two-stage cooling with independent circuits and control on all models
- Redundant gas valve for two stage gas heating capacity control
- Exclusive IGC solid-state control for on-board diagnostics with LED error code designation, burner control logic and energy saving indoor fan motor delay
- · High efficiency, gas heat with induced draft flue exhaust design
- Scroll compressors with internal line-break on all models
- All units have high and low pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- Refrigerant circuits contain a liquid line filter drier to trap dirt and moisture
- Round Tube plate fin evaporator and condenser coil design
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; end drain
- Belt drive evaporator-fan motor and pulley combinations available to meet any application
- Access panels with easy grip handles provide quick and easy access to the blower and blower motor, control box, and compressor
- No-strip screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal
- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Standard outdoor temperature cooling operation range up to 115°F (46°C) and down to 30°F (-1°C)
- Fixed orifice metering devices on all models to precisely control refrigerant flow
- · Large, laminated control wiring and power wiring drawings are affixed to unit to make troubleshooting easy
- Single point gas and electrical connections

WARRANTY

- 15 Year limited warranty on optional stainless steel heat exchanger
- 10 Year limited warranty on aluminized heat exchanger
- 5 year compressor limited warranty
- 1 year parts limited warranty

See warranty certificate for complete details



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .



UNIT PERFORMANCE	UNIT PERFORMANCE DATA											
			Cool	Cooling		ing		Operating				
	Dedicated		Сар.		Input		Height x Width x Depth	Weight lbs				
Model Number	Airflow	Tons	BTU/h	EER	BTU/h	AFUE%	in (mm)	(kg)	Notes			
RGS210HDAA0AAA							49-3/8 x 86-5/8 x 127-7/8					
RGS210LDAA0AAA	Vertical	17.5	207,000	10.80	220,000	81	(1253 x 2199 x 3249)	1948 (884)				
RGS210SDAA0AAA							(1253 X 2199 X 3249)					
RGS210HEAA0AAA							49-3/8 x 86-5/8 x 127-7/8					
RGS210LEAA0AAA	Vertical	17.5	207,000	10.80	310,000	81	(1253 x 2199 x 3249)	1948 (884)				
RGS210SEAA0AAA							(1253 X 2199 X 3249)					
RGS210HFAA0AAA							49-3/8 x 86-5/8 x 127-7/8					
RGS210LFAA0AAA	Vertical	17.5	207,000	10.80	400,000	81		1948 (884)				
RGS210SFAA0AAA							(1253 x 2199 x 3249)					
RGS213HDAA0AAA							49-3/8 x 86-5/8 x 127-7/8					
RGS213LDAA0AAA	Horizontal	17.5	207,000	10.80	220,000	81		1948 (884)				
RGS213SDAA0AAA							(1253 x 2199 x 3249)	, ,				

UNIT PERFORMANCE DATA (Continued)											
			Cool	ing	Heat	ing		Operating			
Model Number	Dedicated Airflow	Tons	Cap. BTU/h	EER	Input BTU/h	AFUE%	Height x Width x Depth in (mm)	Weight lbs (kg)	Notes		
RGS213HEAA0AAA RGS213LEAA0AAA	Horizontal	17.5	207,000		310,000	81	49-3/8 x 86-5/8 x 127-7/8 (1253 x 2199 x 3249)	1948 (884)			
RGS213SEAA0AAA RGS213HFAA0AAA RGS213LFAA0AAA	Horizontal	17.5	207,000	10.80	400,000	81	49-3/8 x 86-5/8 x 127-7/8	1948 (884)			
RGS213SFAA0AAA RGS240HDAA0AAA			, 		,		(1253 x 2199 x 3249) 49-3/8 x 86-5/8 x 141-1/2	, ,			
RGS240LDAA0AAA RGS240SDAA0AAA RGS240HEAA0AAA	Vertical	20	242,000	9.80	220,000	81.0	(1253 x 2199 x 3595)	2098 (952)			
RGS240LEAA0AAA RGS240SEAA0AAA	Vertical	20	242,000	9.80	310,000	81.0	49-3/8 x 86-5/8 x 141-1/2 (1253 x 2199 x 3595)	2098 (952)			
RGS240HFAA0AAA RGS240LFAA0AAA RGS240SFAA0AAA	Vertical	20	242,000	9.80	400,000	81.0	49-3/8 x 86-5/8 x 141-1/2 (1253 x 2199 x 3595)	2098 (952)			
RGS243HDAA0AAA RGS243LDAA0AAA RGS243SDAA0AAA	Horizontal	20	242,000	9.80	220,000	81.0	49-3/8 x 86-5/8 x 141-1/2 (1253 x 2199 x 3595)	2098 (952)			
RGS243HEAA0AAA RGS243LEAA0AAA RGS243SEAA0AAA	Horizontal	20	242,000	9.80	310,000	81.0	49-3/8 x 86-5/8 x 141-1/2 (1253 x 2199 x 3595)	2098 (952)			
RGS243HFAA0AAA RGS243LFAA0AAA RGS243SFAA0AAA	Horizontal	20	242,000	9.80	400,000	81.0	49-3/8 x 86-5/8 x 141-1/2 (1253 x 2199 x 3595)	2098 (952)			
RGS300HDAA0AAA RGS300LDAA0AAA RGS300SDAA0AAA	Vertical	25	280,000	9.80	220,000	81.0	57-3/8 x 86-5/8 x 141-1/2 (1456 x 2199 x 3595)	2234 (1013)			
RGS300HEAA0AAA RGS300LEAA0AAA RGS300SEAA0AAA	Vertical	25	280,000	9.80	310,000	81.0	57-3/8 x 86-5/8 x 141-1/2 (1456 x 2199 x 3595)	2234 (1013)			
RGS300HFAA0AAA RGS300LFAA0AAA RGS300SFAA0AAA	Vertical	25	280,000	9.80	400,000	81.0	57-3/8 x 86-5/8 x 141-1/2 (1456 x 2199 x 3595)	2234 (1013)			
RGS303HDAA0AAA RGS303LDAA0AAA RGS303SDAA0AAA	Horizontal	25	280,000	9.80	220,000	81.0	57-3/8 x 86-5/8 x 141-1/2 (1456 x 2199 x 3595)	2234 (1013)			
RGS303HEAA0AAA RGS303LEAA0AAA RGS303SEAA0AAA	Horizontal	25	280,000	9.80	310,000	81.0	57-3/8 x 86-5/8 x 141-1/2 (1456 x 2199 x 3595)	2234 (1013)			
RGS303HFAA0AAA RGS303HFAA0AAA RGS303SFAA0AAA	Horizontal	25	280,000	9.80	400,000	81.0	57-3/8 x 86-5/8 x 141-1/2 (1456 x 2199 x 3595)	2234 (1013)			
RGS336HDAA0AAA RGS336LDAA0AAA RGS336SDAA0AAA	Vertical	27.5	330,000	10.20	220,000	81.0	57-3/8 x 86-5/8 x 157-3/4 (1456 x 2199 x 4007)	2668 (1210)			
RGS336HEAA0AAA RGS336LEAA0AAA RGS336SEAA0AAA	Vertical	27.5	330,000	10.20	310,000	81.0	57-3/8 x 86-5/8 x 157-3/4 (1456 x 2199 x 4007)	2668 (1210)			
RGS336HFAA0AAA RGS336LFAA0AAA RGS336SFAA0AAA	Vertical	27.5	330,000	10.20	400,000	81.0	57-3/8 x 86-5/8 x 157-3/4 (1456 x 2199 x 4007)	2668 (1210)			
RGS333HDAA0AAA RGS333LDAA0AAA RGS333SDAA0AAA	Horizontal	27.5	330,000	10.20	220,000	81.0	57-3/8 x 86-5/8 x 157-3/4 (1456 x 2199 x 4007)	2668 (1210)			
RGS333HEAA0AAA RGS333HEAA0AAA RGS333SEAA0AAA	Horizontal	27.5	330,000	10.20	310,000	81.0	57-3/8 x 86-5/8 x 157-3/4 (1456 x 2199 x 4007)	2668 (1210)			
RGS333HFAA0AAA RGS333LFAA0AAA RGS333SFAA0AAA	Horizontal	27.5	330,000	10.20	400,000	81.0	57-3/8 x 86-5/8 x 157-3/4 (1456 x 2199 x 4007)	2668 (1210)			

HIGH EFFICIENCY PACKAGE ELECTRIC COOLING R-410A SINGLE PACKAGE ROOFTOP 3 -12.5 TONS (1 & 3 Phase)

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- · One-piece, high efficiency electric cooling with a low profile, prewired, tested and charged at the factory
- Field convertible from vertical to horizontal airflow on all models. No special kit required on 036-120 models. (Field accessory supply duct kit required for 150 size model only)
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Fully insulated cabinet
- Single-stage cooling capacity control on 036-072 models, two-stage on 090-150 models
- Single scroll compressor on 036-072 models, dual scroll compressors on 090 -150 models with internal line-break overload protection
- · All units have high and low pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- · Refrigerant circuits contain a liquid line filter drier to trap dirt and moisture
- Indoor and outdoor coils constructed of aluminum fins mechanically bonded to seamless copper tubes
- Newly-designed indoor refrigerant header for easier maintenance and replacement
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; side or center drain
- Direct drive high efficiency ECM blower motors on 036-060 single phase models
- Belt drive evaporator-fan motor and pulley combinations available to meet any application
- Access panels with easy grip handles provide quick and easy access to the blower and blower motor, control box, and compressor
- "No-strip" screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal
- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Outdoor temperature cooling operation range up to 125°F (52°C) and down to 35°F (-2°C) using winter start kit
- TXV refrigerant metering device on each circuit to precisely control refrigerant flow
- Large, laminated control wiring and power wiring drawings are affixed to unit to make troubleshooting easy
- Standard, medium and high static fan motor options available
- Provisions for thru-the-bottom power entry capability
- · Single point electrical connections

WARRANTY

- 5 year compressor limited warranty
- 1 year parts limited warranty
- See warranty certificate for complete details



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.







RAH072 - 120

RAH036 - 060

As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

UNIT PERFORMANCE DATA - Single Stage Cooling										
		Cool	ing							
	Nominal				Height x Width x Depth in	Unit Weight				
Model Number	Tons	Capacity BTU/h	SEER	EER	(mm)	Lbs(kg)	Notes			
RAH036K0XA0AAA										
RAH036H0XA0AAA	3	36,000	15.00	12.5	33-3/8 x 46-3/4 x 74-3/8	458 (208)				
RAH036L0XA0AAA	3	30,000	13.00	12.5	(847 x 1187 x 1888)	456 (206)				
RAH036S0XA0AAA										
RAH048K0XA0AAA										
RAH048H0XA0AAA	4	48,500	15.60	13.0	41-3/8 x 46-3/4 x 74-3/8	545 (207)				
RAH048L0XA0AAA	1 4	40,300	15.00	13.0	(1051 x 1187 x 1888)	343 (207)				
RAH048S0XA0AAA										
RAH060K0XA0AAA										
RAH060H0XA0AAA	5	57,500	15.20	12.5	41-3/8 x 46-3/4 x 74-3/8	550 (249)				
RAH060L0XA0AAA	5	37,300	15.20	12.5	(1051 x 1187 x 1888)	550 (249)				
RAH060S0XA0AAA										
RAH072H0AA0AAA					41-1/4 x 59-1/2 x 88-1/8					
RAH072L0AA0AAA	6	73,000	N/A	12.2		715 (324)				
RAH072S0AA0AAA]				(1048 x 1510 x 2238)					

RAH (continued)

UNIT PERFORMANCE DATA - Dual Stage Cooling										
		Cool	ing							
	Nominal				Height x Width x Depth in	Unit Weight				
Model Number	Tons	Capacity BTU/h	SEER	EER	(mm)	Lbs(kg)	Notes			
RAH090H0AA0AAA					49-3/8x 59-1/2 x 88-1/8					
RAH090L0AA0AAA	7.5	89,000	N/A	12.2	(1243 x 1510 x 2238)	860 (390)				
RAH090S0AA0AAA					(1243 X 1310 X 2238)					
RAH102H0AA0AAA					49-3/8x 59-1/2 x 88-1/8					
RAH102L0AA0AAA	8.5	97,000	N/A	12.2		860 (390)				
RAH102S0AA0AAA					(1243 x 1510 x 2238)					
RAH110H0AA0AAA					49-3/8x 59-1/2 x 88-1/8					
RAH110L0AA0AAA	10	111,000	N/A	12.0	(1243 x 1510 x 2238)	1025 (465)				
RAH110S0AA0AAA					(1243 X 1510 X 2238)					
RAH120H0AA0AAA					49-3/8x 59-1/2 x 88-1/8					
RAH120L0AA0AAA	10	115,000	N/A	11.7	(1243 x 1510 x 2238)	1025 (465)				
RAH120S0AA0AAA					(1243 X 1310 X 2236)					
RAH150H0AA0AAA					57-3/8x 63-3/8 x 115-7/8					
RAH150L0AA0AAA	12.5	146,000	N/A	12.4	(1456 x 1609 x 2942)	1360 (617)				
RAH150S0AA0AAA					(1430 X 1009 X 2942)					

HIGH EFFICIENCY PACKAGE ELECTRIC COOLING R-410A SINGLE PACKAGE ROOFTOP 15 - 25 TONS

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- · One-piece, electric cooling with a low profile, prewired, tested and charged at the factory
- Dedicated vertical or horizontal air flow duct configuration models; no field kits required
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer- coated interior panels tested to 500 hours salt spray protection
- · Fully insulated cabinet
- Two stage cooling with independent circuit and control on all models
- · Scroll compressors on all models
- All units have high and low pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- · Refrigerant circuits contain a liquid line filter drier to trap dirt and moisture
- · Indoor and outdoor coils constructed of aluminum fins mechanically bonded to seamless copper tubes
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; end drain
- · Belt drive evaporator-fan motor and pulley combinations available to meet most applications
- Access panels with easy grip handles provide quick and easy access to the blower and blower motor, control box and compressors
- "No-strip" screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal
- Newly-designed terminal board facilitates simple safe circuit troubleshooting and simplified control box arrangement
- Standard outdoor temperature cooling operation range up to 125°F (52°C) and down to 35°F (2°C)
- Newly-designed indoor refrigerant header for easier maintenance and replacement
- TXV metering devices on all models to precisely control refrigerant flow
- Large, laminated control wiring and power wiring drawings are affixed to unit to make troubleshooting easy
- Standard, medium and high static fan motor options available
- Full range of electric heaters and single point electrical connections

WARRANTY

- 5 year compressor limited warranty
- 1 year parts limited warranty
 See warranty certificate for complete details



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .



As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



15 Ton

UNIT PERFORMAN	UNIT PERFORMANCE DATA - Two Stage Cooling											
			Cooli	Cooling								
Model Number	Dedicated Airflow	Nominal Tons	Net Cap (Btuh)	EER	Total kW	IEER	Unit Dimensions H x W x L inches (mm)	Unit Weight Lbs (kg)	Notes			
RAH181H0AA0AAA			, ,				•	(0/				
RAH181L0AA0AAA	Vertical	15	174,000	12.2	14.3	13.2	49-3/8 x 86-3/8 x 127-7/8	1793 (815)				
RAH181S0AA0AAA							(1253 x 2199 x 3249)					
RAH183H0AA0AAA							49-3/8 x 86-3/8 x 127-7/8					
RAH183L0AA0AAA	Horizontal	15	174,000	12.2	14.3	13.2	(1253 x 2199 x 3249)	1793 (815)				
RAH183S0AA0AAA							(1253 X 2199 X 3249)					
RAH210H0AA0AAA							49-3/8 x 86-3/8 x 141-1/2					
RAH210L0AA0AAA	Vertical	17.5	202,000	12.2	16.6	13.2		2003 (911)				
RAH210S0AA0AAA							(1253 x 2199 x 3595)					

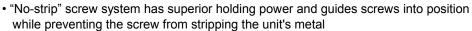
RAH (Continued)

UNIT PERFORMANCE DATA - Two Stage Cooling											
			Cool	ing							
Model Number	Dedicated Airflow	Nominal Tons	Net Cap (Btuh)	EER	Total kW	IEER	Unit Dimensions H x W x L inches (mm)	Unit Weight Lbs(kg)	Notes		
RAH213H0AA0AAA							49-3/8 x 86-3/8 x 141-1/2				
RAH213L0AA0AAA	Horizontal	17.5	202,000	12.2	16.6	13.2	(1253 x 2199 x 3595)	2003 (911)			
RAH213S0AA0AAA							(1253 X 2 199 X 3595)				
RAH240H0AA0AAA							57-3/8 x 86-3/8 x 141-1/2				
RAH240L0AA0AAA	Vertical	20	236,000	12.2	19.3	13.4	(1456 x 2199 x 3595)	2148 (976)			
RAH240S0AA0AAA							(1450 X 2199 X 5595)				
RAH243H0AA0AAA							57-3/8 x 86-3/8 x 141-1/2				
RAH243L0AA0AAA	Horizontal	20	236,000	12.2	19.3	13.4	(1456 x 2199 x 3595)	2148 (976)			
RAH243S0AA0AAA							(1450 X 2199 X 5595)				
RAH300H0AA0AAA							57-3/8 x 86-3/8 x 157-3/4				
RAH300L0AA0AAA	Vertical	25	282,000	11.4	25.2	12.2	1456 x x 2199 x 4007	2193 (997)			
RAH300S0AA0AAA							1430 % % 2199 % 4007				
RAH303H0AA0AAA							57-3/8 x 86-3/8 x 157-3/4				
RAH303L0AA0AAA	Horizontal	25	282,000	11.4	25.2	12.2	1456 x x 2199 x 4007	2193 (997)			
RAH303S0AA0AAA							1430 X X 2 199 X 4007				

ASHRAE 90.1 COMPLIANT ELECTRIC COOLING, R-410A SINGLE PACKAGE ROOFTOP 3 - 15 TONS (1 & 3 Phase)

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- · One-piece, electric cooling with low profile, prewired, tested and charged at the factory
- Field Convertible from vertical to horizontal airflow on all models. No special kit required on 036–150 models. Field accessory supply duct kit required for 180 size model only.
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Fully insulated cabinet
- Single-stage or two stage cooling capacity control
- · Single scroll or dual scroll compressor with internal line-break overload protection
- All units have high and low pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- · Refrigerant circuits contain a liquid line filter drier to trap dirt and moisture
- · Indoor and outdoor coils constructed of aluminum fins mechanically bonded to seamless copper tubes
- Newly-designed indoor refrigerant header for easier maintenance and replacement
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; side or center drain
- Belt drive evaporator-fan motor and pulley combinations available to meet any application
- Access panels with easy grip handles provide quick and easy access to the blower and blower motor, control box, and compressor





RAS036 - 072

RAS090 - 121

- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Outdoor temperature cooling operation range up to 115°F (46°C) and down to 25°F (-4°C) using winter start kit
- Fixed orifice metering devices on all models to precisely control refrigerant flow
- Large, laminated control wiring and power wiring drawings are affixed to unit to make troubleshooting easy
- Standard, medium and high static fan motor options available
- Provisions for thru-the-bottom power entry capability
- Single point electrical connections

WARRANTY

- · 5 year compressor limited warranty
- 1 year parts limited warranty See warranty certificate for complete details



ose of the Afrik Certified in Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .





UNIT PERFORMANCE DATA - Single Stage Cooling										
	Nominal	Cooling	Cooling Height x Width x Depth in Capacity BTU/h SEER EER (mm)		Unit					
Model Number	Tons	Capacity BTU/h				Weight Lbs (kg)	Notes			
RAS036K0AA0AAA										
RAS036H0AA0AAA	3	34,600	13.00	11.0	33-3/8 x 46-3/4 x 74-3/8	438 (199)				
RAS036L0AA0AAA] 3	34,000	13.00	11.0	(847 x 1187 x 1888)	430 (199)				
RAS036S0AA0AAA	1									
RAS048K0AA0AAA										
RAS048H0AA0AAA	4	45,000	13.00	11.0	33-3/8 x 46-3/4 x 74-3/8	494 (244)				
RAS048L0AA0AAA	1 4	45,000	13.00	11.0	(847 x 1187 x 1888)	494 (244)				
RAS048S0AA0AAA	1									
RAS060K0AA0AAA										
RAS060H0AA0AAA	5	50,000	13.00	10.8	33-3/8 x 46-3/4 x 74-3/8	E24 (220)				
RAS060L0AA0AAA	5	59,000	13.00	10.0	(847 x 1187 x 1888)	524 (238)				
RAS060S0AA0AAA	1									
RAS072H0AA0AAA					41 2/9 × 46 2/4 × 74 2/9					
RAS072L0AA0AAA	6	70,000	N/A	11.2	41-3/8 x 46-3/4 x 74-3/8	607 (275)				
RAS072S0AA0AAA					(1051 x 1187 x 1888)					

UNIT PERFORMANCE	UNIT PERFORMANCE DATA - Single Stage Cooling (Continued)									
	Nominal	Cooling				Unit				
	Tons				Height x Width x Depth in	Weight Lbs				
Model Number	10110	Capacity BTU/h	SEER	EER	(mm)	(kg)	Notes			
RAS091H0AA0AAA	_				41-3/8 x 59-1/2 x 88-1/8					
RAS091L0AA0AAA	7.5	88,000	N/A	11.2	(1051 x 1510 x 2238)	705 (320)				
RAS091S0AA0AAA					(1001 X 1010 X 2200)					
RAS101H0AA0AAA	1				49-3/8 x 59-1/2 x 88-1/8					
RAS101L0AA0AAA	8.5	97,000	N/A	11.2	(1253 x 1510 x 2238)	945 (384)				
RAS101S0AA0AAA					(1233 x 1310 x 2230)					
RAS121H0AA0AAA					49-3/8 x 59-1/2 x 88-1/8					
RAS121L0AA0AAA	10	117,000	N/A	11.2	(1253 x 1510 x 2238)	855 (388)				
RAS121S0AA0AAA					(1255 x 1510 x 2258)					
UNIT PERFORMANCE	DATA - Dua	al Stage Cooling								
RAS090H0AA0AAA					41-3/8 x 59-1/2 x 88-1/8					
RAS090L0AA0AAA	7.5	83,000	N/A	11.2	1051 x 1510 x 2238	760 (345)				
RAS090S0AA0AAA					1051 X 1510 X 2236					
RAS102H0AA0AAA					49-3/8 x 59-1/2 x 88-1/8					
RAS102L0AA0AAA	8.5	99,000	N/A	11.2		855 (388)				
RAS102S0AA0AAA					1253 x 1510 x 2238					
RAS120H0AA0AAA					49-3/8 x 59-1/2 x 88-1/8					
RAS120L0AA0AAA	10	114,000	N/A	11.3	1253 x 1510 x 2238	865 (393)				
RAS120S0AA0AAA	1				1253 X 1510 X 2238					
RAS150H0AA0AAA					49-3/8 x 59-1/2 x 88-1/8					
RAS150L0AA0AAA	12.5	140,000	N/A	11.0		1070 (489)				
RAS150S0AA0AAA	1				1253 x 1510 x 2238	<u> </u>				
RAS180H0AA0AAA					F7 2/0 × C2 2/0 × 44F 7/0					
RAS180L0AA0AAA	15.0	174,000	N/A	11.0	57-3/8 x 63-3/8 x 115-7/8	1305 (593)				
RAS180S0AA0AAA	1				(1456 x 1609 x 2942)	`				

ASHRAE 90.1 COMPLIANT PACKAGE ELECTRIC COOLING R-410A SINGLE PACKAGE ROOFTOP 17.5 - 25 TONS

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- · One-piece, electric cooling with a low profile, prewired, tested and charged at the factory
- Dedicated vertical or horizontal air flow duct configuration models; no field kits required
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer- coated interior panels tested to 500 hours salt spray protection
- Fully insulated cabinet
- Two stage cooling with independent circuit and control on all models
- · Scroll compressors with internal line-break on all models
- All units have high and low pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- Refrigerant circuits contain a liquid line filter drier to trap dirt and moisture
- Round Tube plate fin evaporator and condenser coil design
- Newly-designed indoor refrigerant header for easier maintenance and replacement
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; end drain
- · Belt drive evaporator-fan motor and pulley combinations available to meet most applications
- Access panels with easy grip handles provide quick and easy access to the blower and blower motor, control box and compressors
- "No-strip" screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal
- Newly-designed terminal board facilitates simple safe circuit troubleshooting and simplified control box arrangement
- Standard outdoor temperature cooling operation range up to 115°F (46°C) and down to 30°F (-1°C)
- Fixed orifice metering devices on all models to precisely control refrigerant flow
- Large, laminated control wiring and power wiring drawings are affixed to unit to make troubleshooting easy
- · Standard, medium and high static fan motor options available
- · Single point electrical connections

WARRANTY

- 5 year compressor limited warranty
- 1 year parts limited warranty
- See warranty certificate for complete details



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.





UNIT PERFORMAN	UNIT PERFORMANCE DATA - Two Stage Cooling										
			Cool	ing							
Model Number	Dedicated Airflow	Nominal Tons	Net Cap (Btuh)	EER	Total kW	IPLV	Unit Dimensions H x W x L inches (mm)	Unit Weight Lbs (kg)	Notes		
RAS210H0AA0AAA		47.5	000 000	44.0	40.0	40.0	49-3/8 x 86-5/8 x 127-7/8	0.450 (0.70)			
RAS210L0AA0AAA RAS210S0AA0AAA	Vertical	17.5	208,000	11.0	18.9	12.0	(1253 x 2199 x 3249)	2159 (979)			
RAS213H0AA0AAA							40.0/0 00.5/0 407.7/0				
RAS213L0AA0AAA	Horizontal	17.5	208,000	11.0	18.9	12.0	49-3/8 x 86-5/8 x 127-7/8 (1253 x 2199 x 3249)	2159 (979)			
RAS213S0AA0AAA							(1255 X 2199 X 5249)				
RAS240H0AA0AAA							49-3/8 x 86-5/8 x 141-1/2				
RAS240L0AA0AAA	Vertical	20	242,000	10.0	24.2	11.0	(1253 x 2199 x 3595)	2197 (997)			
RAS240S0AA0AAA							(1200 % 2100 % 0000)				
RAS243H0AA0AAA			0.40.000	40.0	0.4.0	44.0	49-3/8 x 86-5/8 x 141-1/2	0.40= (0.0=)			
RAS243L0AA0AAA	Horizontal	20	242,000	10.0	24.2	11.0	(1253 x 2199 x 3595)	2197 (997)			
RAS243S0AA0AAA							(1200 X 2100 X 0000)				
RAS300H0AA0AAA							57-3/8 x 86-5/8 x 141-1/2				
RAS300L0AA0AAA	Vertical	25	280,000	10.0	28.2	10.9	1456 x x 2199 x 3595	2434 (1104)			
RAS300S0AA0AAA							1430 X X 2 199 X 3393				
RAS303H0AA0AAA							57-3/8 x 86-5/8 x 141-1/2				
RAS303L0AA0AAA	Horizontal	25	280,000	10.0	28.2	10.9	1456 x x 2199 x 3595	2434 (1104)			
RAS303S0AA0AAA							1400 X X Z 188 X 3383		_		





HIGH EFFICIENCY PACKAGE HEAT PUMPS R-410A SINGLE PACKAGE ROOFTOP 3 - 10 TONS (1 & 3 Phase)

- **BUILT TO LAST, EASY TO INSTALL AND SERVICE**
- One-piece, high efficiency electric heating and cooling with low profile, prewired, tested and charged at the factory
- Field convertible from vertical to horizontal airflow on all models. (No special kit required on 036-102 models.) Field accessory supply duct kit required for 120 size model only
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- · Fully insulated cabinet
- Single-stage cooling capacity control on 036-072 models, two-stage on 090-120 models
- Single scroll compressor on 036-072 models, dual scroll compressors on 090 -120 models with internal line-break overload protection
- · All units have high and low pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- Refrigerant filter drier and accumulator on each refrigerant circuit
- Precision sized suction line accumulator to provide high reliability
- 4-way reversing valve rapidly change the flow of refrigerant to quickly changeover from cooling to heating and heating to cooling.
- Dependable time/temperature defrost logic provides a defrost cycle, if needed, every 30, 60, 90, or 120 minutes and is adjustable
- Direct drive high efficiency ECM blower motor on 3 to 5 ton models
- Standard belt drive, constant torque motor with permanently lubricated motors
- Crankcase heaters on all models
- Indoor and outdoor coils constructed of aluminum fins mechanically bonded to seamless copper tubes
- Newly-designed indoor refrigerant header for easier maintenance and replacement
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; side or center drain
- · Access panels with easy grip handles provide quick and easy access to the blower and blower motor, control box and compressor
- · No-strip screw system has superior holding power and guides screws into position.
- while preventing the screw from stripping the unit's metal
- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Outdoor temperature cooling operation range up to 125°F (52°C) and down to 30°F (-1°C) using winter start kit
- TXV refrigerant metering device on each circuit to precisely control refrigerant flow
- · Large, laminated control wiring and power wiring drawings are affixed to unit to make troubleshooting easy
- · Standard, medium and high static fan motor options available
- Provisions for thru-the-bottom power entry capability
- Single point electrical connections

WARRANTY

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, including warranty cover for other applications



manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org



As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy

RHH036-072

RHH090-102





UNIT PERFORMANCE DATA											
		Cooling Heating									
		Net			High			Unit Dimensions	Unit		
		Сар			Cap			HxWxL	Weight		
Model Number	Tons	(Btuh)	SEER	EER	(Btuh)	HSPF	COP	inches (mm)	Lbs (Kg)	Notes	
RHH036K0XA0AAA	3										
RHH036H0XA0AAA	3	36.400	15.6	12.70	34.000	8.0	N/A	33-3/8 x 46-3/4 x 74-3/8	495 (225)		
RHH036L0XA0AAA	3	30,400	15.0	12.70	34,000	0.0	IN/A	(847 x 1187 x 1888)	495 (225)		
RHH036S0XA0AAA	3										

RHH (continued)

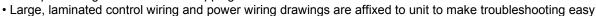
UNIT PERFORMAN	UNIT PERFORMANCE DATA (cont)									
		С	ooling		He	ating				
		Net			High			Unit Dimensions	Unit	
		Cap			Cap			HxWxL	Weight	
Model Number	Tons	(Btuh)	SEER	EER	(Btuh)	HSPF	COP	inches (mm)	Lbs (Kg)	Notes
RHH048K0XA0AAA	4									
RHH048H0XA0AAA	4	47,000	15.8	12.80	46,000	8.1	N/A	41-3/8 x 46-3/4 x 74-3/8	580 (263)	
RHH048L0XA0AAA	4	47,000	13.0	12.00	40,000	0.1	IN/A	(1051 x 1187 x 1888)	360 (203)	
RHH048S0XA0AAA	4									
RHH060K0XA0AAA	5									
RHH060H0XA0AAA	5	58,500	15.0	12.50	55,000	8.2	N/A	41-3/8 x 46-3/4 x 74-3/8	610 (277)	
RHH060L0XA0AAA	5	30,300	0,500 15.0 12.50 55,000 6.2 14/A		(1051 x 1187 x 1888)	010 (211)				
RHH060S0XA0AAA	5									
RHH072H0AA0AAA	6							41-3/8 x 59-1/2 x 88-1/8		
RHH072L0AA0AAA	6	72,000	N/A	12.00	70,000	N/A	3.4	(1051 x 1510 x 2238)	710 (322)	
RHH072S0AA0AAA	6							(1031 x 1310 x 2230)		
RHH090H0AA0AAA	7.5							49-3/8 x 59-1/2 x 88-1/8		
RHH090L0AA0AAA	7.5	90,000	N/A	12.10	84,000	N/A	3.5	(1253 x 1510 x 2238)	875 (397)	
RHH090S0AA0AAA	7.5							(1233 x 1310 x 2230)		
RHH102H0AA0AAA	8.5							49-3/8 x 59-1/2 x 88-1/8		
RHH102L0AA0AAA	8.5	100,000	N/A	12.00	100,000	N/A	3.4	(1253 x 1510 x 2238)	1020 (463)	
RHH102S0AA0AAA	8.5							(1233 X 1310 X 2236)		
RHH120H0AA0AAA	10.0							57-3/8 x 63-3/8 x 115-7/8		
RHH120L0AA0AAA	10.0	119,000	N/A	12.30	116,000	N/A	3.5	(1456 x 1609 x 2942)	1390 (632)	
RHH120S0AA0AAA	10.0							(1430 X 1009 X 2942)		

ASHRAE 90.1 COMPLIANT PACKAGE HEAT PUMPS R-410A SINGLE PACKAGE ROOFTOP 3 - 12.5 TONS (1 & 3 Phase) **BUILT TO LAST, EASY TO INSTALL AND SERVICE**

- · One-piece, single package heat pump units that are prewired, tested and charged at the factory
- Single-stage cooling on 3 to 6 ton models, 2 stage cooling on 7.5 to 12.5 ton
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; side or center drain
- All units are convertible from downflow to horizontal air flow; no special adapter curbs are necessary on 3 to 10 ton models, suppy duct kit required for 12.5 ton model only
- Copper tube aluminum fin coils with optional corrosion resistant coils
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- · Fixed orifice metering devices on all models to precisely control refrigerant flow
- Outdoor temperature cooling operation range up to 115°F (46°C) and down to 25°F (-4°C)
- · Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Fully insulated cabinet
- · Access panels with easy grip handles provide quick and easy access to the blower and blower motor, control box and compressor
- Dependable time/temperature defrost logic provides a defrost cycle, if needed, every 30, 60, 90, or 120 minutes and is adjustable



- · Refrigerant circuits contain a liquid line filter drier to trap dirt and moisture
- All units have high and low pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- Precision sized suction line accumulator to provide high reliability
- 4-way reversing valve rapidly change the flow of refrigerant to quickly changeover from cooling to heating and heating to cooling
- Direct drive high efficiency blower motor on 3 to 5 ton models, belt drive optional
- Belt drive evaporator fan motor and pulley combinations available on all sizes
- · Crankcase heaters on all models but the 3 ton.
- Newly-designed indoor refrigerant header for easier maintenance and replacement
- No-strip screw system has superior holding power and guides screws into position. while preventing the screw from stripping the unit's metal



- Standard, medium and high static fan motor options available
- Provisions for thru-the-bottom power entry capability
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- · Single point electrical connections

WARRANTY*

- 5 year compressor limited warranty
- 1 year parts limited warranty
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, including warranty cover for other applications

CERTIFIED







RHS036-072

RHS090-102



UNIT PERFORMANCE DATA										
		(Cooling		Н	leating				
Model Number	Tons	Net Cap (Btuh)	SEER	EER	High Cap (Btuh)	HSPF	COB	Unit Dimensions H x W x L in (mm)	Unit Weight Lbs (Kg)	Notes
RHS036K0XA0AAA	10115	(Bluii)	JLLIN	LLIX	(Btuil)	11311	COF	111 (111111)	LDS (Ng)	Notes
RHS036H0XA0AAA	3	37.000	13.4	11.00	35.600	7.7	N/A	33-3/8 x 46-3/4 x 74-3/8	EOE (220)	
RHS036L0XA0AAA	3	37,000	13.4	11.00	35,600	1.1	IN/A	(847 x 1187 x 1888)	505 (229)	
RHS036S0XA0AAA										

UNIT PERFORMANCE DATA (cont)										
Oldi i Eldi Oldini			Cooling		Н	eating				
		Net	9		High	- Cutting		Unit Dimensions	Unit	
		Сар			Cap			HxWxL	Weight	
Model Number	Tons	(Btuh)	SEER	EER	(Btuh)	HSPF	COP	in (mm)	Lbs (Kg)	Notes
RHS048K0XA0AAA								, ,	`	
RHS048H0XA0AAA	4	47.000	40.4	44.00	45 500	77	NI/A	33-3/8 x 46-3/4 x 74-3/8	E40 (004)	
RHS048L0XA0AAA	4	47,000	13.1	11.20	45,500	7.7	N/A	(847 x 1187 x 1888)	510 (231)	
RHS048S0XA0AAA										
RHS060K0XA0AAA										
RHS060H0XA0AAA	5	61,500	13.2	11.15	58,000	7.7	N/A	41-3/8 x 46-3/4 x 74-3/8	590 (268)	
RHS060L0XA0AAA	5	01,500	13.2	11.15	56,000	7.7	IN/A	(1051 x 1187 x 1888)	390 (200)	
RHS060S0XA0AAA										
RHS072H0AA0AAA								41-3/8 x 46-3/4 x 74-3/8		
RHS072L0AA0AAA	6	70,000	N/A	11.10	67,000	N/A	3.3	(1051 x 1187 x 1888)	630 (286)	
RHS072S0AA0AAA								(1031 x 1107 x 1000)		
RHS090H0AA0AAA								49-3/8 x 59-1/2 x 88-1/8		
RHS090L0AA0AAA	7.5	88,000	N/A	11.20	86,000	N/A	3.4	(1253 x 1510 x 2238)	885 (401)	
RHS090S0AA0AAA								(1233 x 1310 x 2230)		
RHS102H0AA0AAA								49-3/8 x 59-1/2 x 88-1/8		
RHS102L0AA0AAA	8.5	99,000	N/A	11.20	96,000	N/A	3.3	(1253 x 1510 x 2238)	910 (413)	
RHS102S0AA0AAA								(1200 X 1010 X 2200)		
RHS120H0AA0AAA								49-3/8 x 59-1/2 x 88-1/8		
RHS120L0AA0AAA	10	117,000	N/A	11.00	116,000	N/A	3.4	(1253 x 1510 x 2238)	1050 (476)	
RHS120S0AA0AAA								(1230 X 1010 X 2200)		
RHS150H0AA0AAA								57-3/8 x 63-3/8 x 115-7/8		
RHS150L0AA0AAA	12.5	142,000	N/A	10.60	142,000	N/A	3.2	(1456 x 1609 x 2942)	1370 (623)	
RHS150S0AA0AAA								(

ASHRAE 90.1 COMPLIANT PACKAGED ROOFTOP HEAT PUMP UNITS R-410A, 15 - 20 TONS

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- · One-piece, electric cooling with a low profile, prewired, tested and charged at the factory
- · Dedicated vertical or horizontal air flow duct configuration models; no field kits required
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer- coated interior panels tested to 500 hours salt spray protection
- Fully insulated cabinet
- Two stage cooling with independent circuit and control on all models
- · Scroll compressors with internal line-break overload protection on all models
- All units have loss of charge, freeze protection and high pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- Liquid line filter drier and refrigerant accumulator on each circuit
- Dependable time/temperature defrost logic provides a defrost cycle, if needed, every 30, 60, 90, or 120 minutes and is adjustable
- Copper round tube and aluminum plate fin condenser and evaporator coils
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; end drain
- · Belt drive evaporator-fan motor and pulley combinations available to meet most applications
- Access panels with easy grip handles provide quick and easy access to the blower and blower motor, control box and compressors
- "No-strip" screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal
- Newly-designed terminal board facilitates simple safe circuit troubleshooting and simplified control box arrangement
- Outdoor temperature cooling operation range up to 115°F (46°C) and down to 30°F (-1°C)
- · Fixed orifice metering devices on all models to precisely control refrigerant flow
- · Large, laminated control wiring and power wiring drawings are affixed to unit to make troubleshooting easy
- Standard, medium and high static fan motor options available
- Provisions for thru-the-bottom power entry capability
- Single point electrical connections

WARRANTY

- 5 year compressor limited warranty
- 1 year parts limited warranty See warranty certificate for complete details



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.





15 TON

UNIT PERFORMAN	UNIT PERFORMANCE DATA									
			Cool	ing	Heating					
			Net		High		Total	Unit Dimensions	Unit	
	Dedicated		Сар		Сар		Power	HxWxL	Weight	
Model Number	Airflow	Tons	(Btuh)	EER	(Btuh)	COP	(kW)	in (mm)	Lbs (Kg)	Notes
RHS181*0AA0AAA								49-3/8 x86-3/8 x127-7/8	1775	
RHS181*0AA0AAA	Vertical	15	172,000	10.80	166,000	3.3	14.6	(1253 x 2194 x 3249)		
RHS181*0AA0AAA								(1253 X 2194 X 3249)	[807]	
RHS183*0AA0AAA								49-3/8 x86-3/8 x127-7/8	1775	
RHS183*0AA0AAA	Horizontal	15	172,000	10.80	166,000	3.3	14.6	(1253 x 2194 x 3249)	[807]	
RHS183*0AA0AAA								(1253 X 2194 X 3249)	[607]	
RHS240*0AA0AAA								49-3/8 x 86-3/8 x 141-1/2	2100	
RHS240*0AA0AAA	Vertical	20	232,000	10.50	220,000	3.3	20.5	(1253 x 2194 x 3595)	[955]	
RHS240*0AA0AAA								(1255 X 2194 X 3595)	[900]	
RHS243*0AA0AAA								49-3/8 x 86-3/8 x 141-1/2	2100	
RHS243*0AA0AAA	Horizontal	20	232,000	10.50	220,000	3.3	20.5	(1253 x 2194 x 3595)	[955]	
RHS243*0AA0AAA]							(1233 X 2194 X 3393)	[933]	•

COMMERCIAL ROOFTOP ACCESSORIES 3 TO 27.5 TON

NOTES

Accessories

Accessory Model Number	Description	Use With	Notes
CURBS			
CRRFCURB001A01	14" High Roof Curb. Ductwork attaches to the roof curb.	036 - 060	
CRRFCURB003A01	Includes thru-the-bottom capability.	072 - 120	
CRRFCURB074A00	includes thru-the-bottom capability.	150	
CRRFCURB002A01	24" High Roof Curb. Ductwork attaches to the roof curb.	036 - 060	
CRRFCURB004A01	Includes thru-the-bottom capability.	072 - 120	
CRRFCURB075A00	includes thru-the-bottom capability.	150	
THROUGH-THE-BOTTOM/	CURB POWER CONNECTION		
	Thru-the-bottom electrical connections and thru-the-curb		
CRBTMPWR001A01	gas connections. Includes a 3/4-inch diameter liquid tight	036 - 060	
	conduit fitting for high voltage power wires		
	Thru-the-bottom electrical connections and thru-the-curb		
CRBTMPWR002A01	gas connections. Includes a 1-1/4-inch diameter liquid tight	072 - 120	
	conduit fitting for high voltage power wires		
	Thru-the-bottom power, control, and gas connections.		
CRBTMPWR003A01	Includes a 3/4-inch diameter liquid tight conduit fitting for	036 - 060	
	high voltage power wires		
	Thru-the-bottom power, control, and gas connections.		
CRBTMPWR004A01	Includes a 1-1/4-inch diameter liquid tight conduit fitting for	072 - 120	
	high voltage power wires		
	Thru-the-bottom power, control, and gas connections.		
CRBTMPWR005A00	Includes a 1-1/4 inch diameter liquid tight conduit fitting for	150	
	high voltage power wires		
	Thru-the-bottom power, control, and gas connections.		
CRBTMPWR006A00	Includes a 1-1/2 inch diameter liquid tight conduit fitting for	150	
	high voltage power wires		
	Thru-the-bottom power, control, and gas connections.		
CRBTMPWR007A00	Includes a 2 inch diameter liquid tight conduit fitting for high	150	
	voltage power wires		
ECONOMIZERS			
DNECOMZR020A02	Vertical Economizer IV with solid-state controller, gear-	036 - 060	
	driven, fully modulating damper, spring return actuator, up		
DNECOMZR021A03	to 100% barometric relief, supply and outdoor air sensors,	072 - 120	
DNECOMZR062A00	and CO2 sensor compatible.	150	
	Ultra Low Leak Vertical ³ Economizer X with solid-state		
	W7220 controller, gear-driven, modulating damper, spring		
CRECOMZR069A00 ^{1,2}	return actuator, up to 100% barometric relief, supply and	090 - 120	
	outdoor air sensors, and CO2 sensor compatible, for use in		
	electro mechanical control		
	Ultra Low Leak Vertical ³ Economizer X with solid-state		
	W7220 controller, gear-driven, modulating damper, spring		
CRECOMZR071A00 ^{1,2}	return actuator, up to 100% barometric relief, supply and	150	
	outdoor air sensors, and CO2 sensor compatible, for use in		
	electro mechanical control		
DNIEGONZBOGAAGO	Horizontal Economizer IV with solid-state controller, gear-	000 000	1
DNECOMZR024A02	driven, fully modulating damper, spring return actuator, up	036 - 060	
DNECOMZR025A02	to 100% barometric relief, supply and outdoor air sensors,	072 - 120	
DNECOMZR064A00	and CO2 sensor compatible.	150	

DNECOMZR064A00 and CO2 sensor compatible.

1 Economizer X cannot be installed with Economizer IV, manual damper, or motorized damper.

² Can only be used on electrical mechanical units with 2-stage cooling and 2-speed fan control.

³ Economizer X is currently only available on vertical air flow conf

Accessories

DNTEMPSN002A00 DVIddoor or Return Dry Bulb Sensor used with Electro-Mechanical Control CO2 Sensor for use in return airstream. Also includes Aspirator Box required for Duct Mounting. DNENTDIF004A00 Return Air Enthalpy Sensor used with Electro-Mechanical controls, use with AX078ENT for differential enthalpy control Ugarde CRTEMPSN005A00 AXB078ENT Economizer Differential Enthalpy Control Ugarde Economizers IV CRTEMPSN005A00 Unddoor or Return Dry Bulb Temperature Sensor used with Honeywell W7220 Electro-Mechanical Control Enthalpy Control for W7220 Controller only, (one required for single enthalpy, two required for different enthalpy) Economizers X FOWER EXHAUST* DNPWREXH03A001 DNPWREXH03A001 Uertical Power Exhaust 208/230 volt (1 or 3 Phase) DNPWREXH02A01 DNPWREXH02A01 Vertical Power Exhaust 208/230 volt DNPWREXH02A01 DNPWREXH02A01 Vertical Power Exhaust 460 volt DNPWREXH08A00 DNPWREXH08A00 Uertical Power Exhaust 460 volt DNPWREXH03A01 DNPWREXH03A01 DNPWREXH03A01 DNPWREXH03A01 DNPWREXH03A01 DNPWREXH03A00 DNPWREXH03A01 DNPWREXH03A01 DNPWREXH03A00 DNPWREXH	Accessory Model Number	Description	Use With	Notes
DNCBDIOX005A00 Mechanical Control COZ Sensor for use in return airstream. Also includes Aspirator Box required for Duct Mounting. Economizers IV, X Return Air Enthalpy Sensor used with Electro-Mechanical controls, use with AX078ENT for differential enthalpy control AXB078ENT Economizer Differential Enthalpy Control Upgrade Economizers IV CRTEMPSN005A00 Outdoor or Return Dry Bulb Temperature Sensor used with Honeywell W722D Electro-Mechanical Control HH57AC081 Enthalpy Control for W722D Controller only, (one required for single enthalpy, two required for different enthalpy) POWER EXHAUST DNPWREXH03A00.1 Vertical Power Exhaust 208/230 volt (1 or 3 Phase) 0.36 - 060 DNPWREXH02A01 Vertical Power Exhaust 208/230 volt (1 or 3 Phase) 0.36 - 060 DNPWREXH02A01 Vertical Power Exhaust 208/230 volt 0.72 - 120 DNPWREXH02A01 Vertical Power Exhaust 208/230 volt 0.72 - 120 DNPWREXH03A00 Vertical Power Exhaust 208/230 volt 0.72 - 120 DNPWREXH03A00 Vertical Power Exhaust 460 volt 0.72 - 120 DNPWREXH03A100 Vertical Power Exhaust 460 volt 0.72 - 120 DNPWREXH03A100 Vertical Power Exhaust 460 volt 0.72 - 120 DNPWREXH03A100 Vertical Power Exhaust 208/230 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 460 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 460 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 460 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 460 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 208/230 & 575 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 460 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 460 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 460 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 208/230 & 575 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 208/230 & 575 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 208/230 & 575 volt 0.36 - 120 DNPWREXH03A00 Horizontal Power Exhaust 208/230 & 000 Horizontal Power Exhaust 208/230 Power 0.36 - 150 CRMANDPRO01A02 500 Gob Manual Fresh Air Damper 0.36 - 060 CRMANDPRO01A00 500 Go				
DNCBDIOX005A00 CO2 Sensor for use in return airstream. Also includes Aspirator Box required for Duct Mounting. Return Air Enthalpy Sensor used with Electro-Mechanical controls, use with AX078ENT for differential enthalpy control AXB078ENT Economizer Differential Enthalpy Control Upgrade CRTEMPSN005A00 CRTEMPSN005A00 HH57AC081 Enthalpy Control for W7220 Controller only, (one required for single enthalpy, two required for different enthalpy) Economizers X Economizers A: Economizers X Economizers A: Economizers A: Economizers A: Economizers A: Economizers A:	DNTEMPSN002A00		Economizers IV	
DNENTDIF004A00 Return Air Enthalpy Sensor used with Electro-Mechanical controls, use with AX078ENT for differential enthalpy control Economizers IV	DNCBDIOX005A00	CO2 Sensor for use in return airstream. Also includes	Economizers IV, X	
AXB078ENT Economizer Differential Enthalpy Control Upgrade Economizers IV CRTEMPSN005A00 Outdoor or Return Dry Bulb Temperature Sensor used with Honeywell W7220 Electro-Mechanical Control For single enthalpy Control for W7220 Controller only, (one required for single enthalpy Control for W7220 Controller only, (one required for single enthalpy Control for W7220 Controller only, (one required for single enthalpy). Wertical Power Exhaust 208/230 volt (1 or 3 Phase) 036 - 060 DNPWREXH030A01 Vertical Power Exhaust 208/230 volt (1 or 3 Phase) 036 - 060 DNPWREXH021A01 Vertical Power Exhaust 460 volt 036 - 060 DNPWREXH022A01 Vertical Power Exhaust 460 volt 072 - 120 DNPWREXH030A00 Vertical Power Exhaust 460 volt 072 - 120 DNPWREXH030A00 Vertical Power Exhaust 208/230 volt 072 - 120 DNPWREXH030A00 Vertical Power Exhaust 208/230 volt 150 DNPWREXH080A00 Vertical Power Exhaust 460 volt 150 DNPWREXH080A00 Vertical Power Exhaust 460 volt 150 DNPWREXH028A01 Horizontal Power Exhaust 460 volt 150 DNPWREXH028A01 Horizontal Power Exhaust 460 volt 150 DNPWREXH030A00 DNPWREX				
CRTEMPSN005A00 Outdoor or Return Dry Bulb Temperature Sensor used with Honeywell W7220 Electro-Mechanical Control Economizers X Economizers X Economizers X Economizers X Economizers X POWER EXHAUST* DNPWREXH030A01 Vertical Power Exhaust 208/230 volt (1 or 3 Phase) 036 - 060 DNPWREXH021A01 Vertical Power Exhaust 208/230 volt (1 or 3 Phase) 036 - 060 DNPWREXH021A01 Vertical Power Exhaust 208/230 volt 072 - 120 DNPWREXH023A01 Vertical Power Exhaust 208/230 volt 072 - 120 DNPWREXH023A01 Vertical Power Exhaust 208/230 volt 072 - 120 DNPWREXH023A01 Vertical Power Exhaust 208/230 volt 072 - 120 DNPWREXH081A00 Vertical Power Exhaust 208/230 volt 150 DNPWREXH081A00 Vertical Power Exhaust 208/230 volt 150 DNPWREXH082A01 Horizontal Power Exhaust 208/230 volt 036 - 120 DNPWREXH082A01 Horizontal Power Exhaust 208/230 (1 or 3 Phase) & 575 volt 036 - 120 DNPWREXH082A01 Horizontal Power Exhaust 208/230 & 575 volt 036 - 120 DNPWREXH083A00 Horizontal Power Exhaust 208/230 & 575 volt 036 - 120 DNPWREXH083A00 Horizontal Power Exhaust 460 volt 150 DNPWREXH083A00 Horizontal Power Exhaust 460 volt 150 Vertical Power Exhaust requires a vertical economizer Horizontal Power Exhaust 460 volt 150 NPWREXH083A00 Horizontal Power Exhaust 460 volt 150 ST\$V TRANSFORMER Transformer for conversion from 575v to 208/230v power exhaust applications. MANUAL OUTDOOR AIR DAMPERS CRMANDPR001A03 25% Open Manual Fresh Air Damper 036 - 060 CRMANDPR001A03 25% Open Manual Fresh Air Damper 036 - 060 CRMANDPR001A03 25% Open Manual Fresh Air Damper 072 - 120 CRMANDPR001A00 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR001A00 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR001A00 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR001A00 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR001A00 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR001A00 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR001A00 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR001A00 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR0	DNENTDIF004A00		Economizers IV	
Honeywell W7220 Electro-Mechanical Control Economizers X Enthalpy Control for W7220 Controller only, (one required for single enthalpy, two required for different enthalpy) Economizers X POWER EXHAUST* DNPWREXH030A01 Vertical Power Exhaust 208/230 volt (1 or 3 Phase) 036 - 060 DNPWREXH021A01 Vertical Power Exhaust 208/230 volt (1 or 3 Phase) 036 - 060 DNPWREXH022A01 Vertical Power Exhaust 208/230 volt 072 - 120 DNPWREXH023A01 Vertical Power Exhaust 208/230 volt 072 - 120 DNPWREXH080A00 Vertical Power Exhaust 208/230 volt 150 DNPWREXH080A00 Vertical Power Exhaust 208/230 volt 150 DNPWREXH081A00 Vertical Power Exhaust 208/230 (1 or 3 Phase) & 575 volt 036 - 120 DNPWREXH028A01 Horizontal Power Exhaust 208/230 (1 or 3 Phase) & 575 volt 036 - 120 DNPWREXH028A01 Horizontal Power Exhaust 460 volt 036 - 120 DNPWREXH082A00 Horizontal Power Exhaust 208/230 & 575 volt 150 DNPWREXH082A00 Horizontal Power Exhaust 460 volt 150 Vertical Power Exhaust 460 volt 150 V	AXB078ENT		Economizers IV	
POWER EXHAUST*	CRTEMPSN005A00		Economizers X	
DNWREXH030A01	HH57AC081		Economizers X	
DNPWREXH030A01 Vertical Power Exhaust 208/230 volt (1 or 3 Phase) 036 - 060 DNPWREXH021A01 Vertical Power Exhaust 460 volt 036 - 060 DNPWREXH022A01 Vertical Power Exhaust 208/230 volt 072 - 120 DNPWREXH023A01 Vertical Power Exhaust 208/230 volt 072 - 120 DNPWREXH030A00 Vertical Power Exhaust 460 volt 150 DNPWREXH081A00 Vertical Power Exhaust 208/230 volt 150 DNPWREXH081A00 Vertical Power Exhaust 208/230 (1 or 3 Phase) & 575 volt 036 - 120 DNPWREXH028A01 Horizontal Power Exhaust 208/230 (1 or 3 Phase) & 575 volt 036 - 120 DNPWREXH028A01 Horizontal Power Exhaust 208/230 (1 or 3 Phase) & 575 volt 036 - 120 DNPWREXH082A00 Horizontal Power Exhaust 208/230 (3 or 3 Phase) & 575 volt 150 DNPWREXH083A00 Horizontal Power Exhaust 208/230 (3 or 3 Phase) & 575 volt 150 DNPWREXH083A00 Horizontal Power Exhaust 460 volt 150 Vertical Power Exhaust requires a vertical economizer. Horizontal Power Exhaust should be duct-mounted in the return duct. STSV TRANSFORMER	POWER EXHAUST*	2 - 3		
DNPWREXH021A01 Vertical Power Exhaust 460 volt O72 - 120		Vertical Power Exhaust 208/230 volt (1 or 3 Phase)	036 - 060	
DNPWREXH022A01 Vertical Power Exhaust 208/230 volt 072 - 120				
DNPWREXH023A01				
DNPWREXH080A00				
DNPWREXH081A00				
DNPWREXH028A01				
DNPWREXH029A01				
DNPWREXH082A00 Horizontal Power Exhaust 208/230 & 575 volt 150 DNPWREXH083A00 Horizontal Power Exhaust 460 volt 150 **Vertical Power Exhaust requires a vertical economizer. Horizontal Power Exhaust should be duct-mounted in the return duct. **Torst TRANSFORMER** 11714942*** Transformer for conversion from 575v to 208/230v power exhaust applications. **MANUAL OUTDOOR AIR DAMPERS** CRMANDPR001A03 25% Open Manual Fresh Air Damper 036 - 060 CRMANDPR001A02 50% Open Manual Fresh Air Damper 036 - 060 CRMANDPR001A02 55% Open Manual Fresh Air Damper 072 - 120 CRMANDPR002A03 25% Open Manual Fresh Air Damper 072 - 120 CRMANDPR001A00 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR011A00 50% Open Manual Fresh Air Damper 150 **MOTORIZED OUTDOOR AIR DAMPERS** CRTWOPOS011A00 Air) **CONTROL UPGRADE KITS** CRDISKIT001A00 Time Guard II CRDISKIT001A00 Time Guard II Electronic phase monitor breaks R control signal if trouble is detected. (Allows operation down to 255F from standard 405F.) CRPHASE3001A02 Phase Monitor Control CRPHASE3002A00 Phase Monitor Control CRSTATUS001A02 Fan/Filter Status Switch 036 - 150 **Torst Transformer Exhaust should be duct-mounted in the return duct. 150 36 - 150 36 - 150 36 - 150 36 - 150 36 - 060 372 - 120 373 - 120 374 - 120 375 - 120 376 - 060 377 - 120 377 - 120 378 - 150 378 - 150 379 - 150 379 - 150 379 - 150 370 - 150 370 - 150 370 - 150 370 - 150 370 - 150 371 - 150 371 - 150 372 - 150 373 - 150 374 - 150 375 - 150 375 - 150 375 - 150 376 - 150 377 - 150 377 - 150 378 - 15				
DNPWREXH083A00 Horizontal Power Exhaust 460 volt 150 * Vertical Power Exhaust requires a vertical economizer. Horizontal Power Exhaust should be duct-mounted in the return duct. 575V TRANSFORMER Transformer for conversion from 575v to 208/230v power exhaust applications. MANUAL OUTDOOR AIR DAMPERS CRMANDPR001A03 25% Open Manual Fresh Air Damper 036 - 060 CRMANDPR001A02 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR002A03 25% Open Manual Fresh Air Damper 072 - 120 CRMANDPR002A040 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR002A05 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR002A06 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR002A07 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR002A08 50% Open Manual Fresh Air Damper 072 - 120 CRTWOPOS011A00 50% Open Manual Fresh Air Damper 072 - 120 CRTWOPOS011A00 AIR DAMPERS CRTWOPOS011A00 Motorized 2 position outdoor air damper (25-100% Outdoor 036 - 060 CRTWOPOS011A00 AIR DAMPERS CRDISKIT001A00 Motorized 2 position outdoor air damper (25-100% Outdoor 072 - 120 Too 072 - 120 Too 072 - 120 Too 072 - 120 Too 073 - 150 Ton 073 - 150 Time Guard II 036 - 150 DNWINSTR001A00 Electronic phase monitor breaks R control signal if trouble is detected. (Allows operation down to 255F from standard 036 - 150 CRPHASE3001A02 Phase Monitor Control AII 208/230v, 460v (3 Ph only) CRPHASE3002A00 Phase Monitor Control AII 575v CRSTATUS001A00 Fan/Filter Status Switch 036 - 150				
Vertical Power Exhaust requires a vertical economizer. Horizontal Power Exhaust should be duct-mounted in the return duct. 575V TRANSFORMER 1171494² Transformer for conversion from 575v to 208/230v power exhaust applications. MANUAL OUTDOOR AIR DAMPERS CRMANDPR001A03 25% Open Manual Fresh Air Damper 0.36 - 060 CRMANDPR001A02 50% Open Manual Fresh Air Damper 0.72 - 120 CRMANDPR002A03 25% Open Manual Fresh Air Damper 0.72 - 120 CRMANDPR002A02 50% Open Manual Fresh Air Damper 0.72 - 120 CRMANDPR011A00 50% Open Manual Fresh Air Damper 0.72 - 120 CRMANDPR011A00 50% Open Manual Fresh Air Damper 0.72 - 120 CRTWOPOS010A00 CRTWOPOS010A00 CRTWOPOS011A00 CRTWOPOS011A00 CRTWOPOS011A00 CRTWOPOS014A00 CRTWOPOS014A00 2-Speed VFD display kit provides the field capability to set up points and troubleshooting codes on the VFD controller. Can be used for any associated unit with VFD. NRTIMEGD001A00 Time Guard II 0.36 - 150 NRTIMEGD001A00 Electronic phase monitor breaks R control signal if trouble is detected. (Allows operation down to 255F from standard 405F.) CRPHASE3001A02 Phase Monitor Control All 208/230v, 460v (3 Ph only) CRPHASE3002A00 Phase Monitor Control All 575v CRSTATUS001A02 Fan/Filter Status Switch 0.36 - 150				
Transformer for conversion from 575v to 208/230v power exhaust applications. D36 - 150				:t.
Transformer for conversion from 575v to 208/230v power exhaust applications.				
MANUAL OUTDOOR AIR DAMPERS CRMANDPR001A03 25% Open Manual Fresh Air Damper 036 - 060 CRMANDPR001A02 50% Open Manual Fresh Air Damper 036 - 060 CRMANDPR002A03 25% Open Manual Fresh Air Damper 072 - 120 CRMANDPR002A02 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR011A00 50% Open Manual Fresh Air Damper 150 MOTORIZED OUTDOOR AIR DAMPERS CRTWOPOS010A00 Motorized 2 position outdoor air damper (25-100% Outdoor Air) 036 - 060 CRTWOPOS011A00 Motorized 2 position outdoor air damper (25-100% Outdoor Air) All 2-Speed VFD CRTWOPOS014A00 Sepeed VFD display kit provides the field capability to set up points and troubleshooting codes on the VFD controller. Can be used for any associated unit with VFD. All 2-Speed VFD Controllers NRTIMEGD001A00 Time Guard II 036 - 150 DNWINSTR001A00 Electronic phase monitor breaks R control signal if trouble is detected. (Allows operation down to 255F from standard 405F.) All 208/230v, 460v (3 Ph only) CRPHASE3001A02 Phase Monitor Control All 208/230v, 460v (3 Ph only) CRPHASE3002A00 Phase Monitor Control All 575v (3 Ph only) <td></td> <td>·</td> <td>036 - 150</td> <td></td>		·	036 - 150	
CRMANDPR001A03 25% Open Manual Fresh Air Damper 036 - 060 CRMANDPR001A02 50% Open Manual Fresh Air Damper 036 - 060 CRMANDPR002A03 25% Open Manual Fresh Air Damper 072 - 120 CRMANDPR002A02 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR011A00 50% Open Manual Fresh Air Damper 150 MOTORIZED OUTDOOR AIR DAMPERS The Composition outdoor air damper (25-100% Outdoor Air) 036 - 060 CRTWOPOS010A00 Motorized 2 position outdoor air damper (25-100% Outdoor Air) 036 - 060 CRTWOPOS014A00 Motorized 2 position outdoor air damper (25-100% Outdoor Air) 072 - 120 CONTROL UPGRADE KITS 2-Speed VFD display kit provides the field capability to set up points and troubleshooting codes on the VFD controller. Can be used for any associated unit with VFD. All 2-Speed VFD Controllers NRTIMEGD001A00 Time Guard II 036 - 150 DNWINSTR001A00 Electronic phase monitor breaks R control signal if trouble is detected. (Allows operation down to 255F from standard 405F.) 036 - 150 CRPHASE3001A02 Phase Monitor Control All 208/230v, 460v (3 Ph only) CRPHASE3002A00 Phase Monitor Control All 575v (3 Ph only)	MANUAL OUTDOOP AIR F			
CRMANDPR001A02 50% Open Manual Fresh Air Damper 036 - 060 CRMANDPR002A03 25% Open Manual Fresh Air Damper 072 - 120 CRMANDPR002A02 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR011A00 50% Open Manual Fresh Air Damper 150 MOTORIZED OUTDOOR AIR DAMPERS CRTWOPOS010A00 036 - 060 CRTWOPOS011A00 Motorized 2 position outdoor air damper (25-100% Outdoor Air) 072 - 120 CRTWOPOS014A00 Air) 150 CONTROL UPGRADE KITS CRDISKIT001A00 2-Speed VFD display kit provides the field capability to set up points and troubleshooting codes on the VFD controller. Can be used for any associated unit with VFD. All 2-Speed VFD Controllers NRTIMEGD001A00 Time Guard II 036 - 150 DNWINSTR001A00 Electronic phase monitor breaks R control signal if trouble is detected. (Allows operation down to 255F from standard 405F.) 036 - 150 CRPHASE3001A02 Phase Monitor Control All 208/230v, 460v (3 Ph only) CRPHASE3002A00 Phase Monitor Control All 575v (37 Ph only) CRSTATUS001A02 Fan/Filter Status Switch 036 - 150			036 - 060	
CRMANDPR002A03 25% Open Manual Fresh Air Damper 072 - 120 CRMANDPR002A02 50% Open Manual Fresh Air Damper 072 - 120 CRMANDPR011A00 50% Open Manual Fresh Air Damper 150 MOTORIZED OUTDOOR AIR DAMPERS CRTWOPOS010A00 CRTWOPOS011A00 CRTWOPOS011A00 CRTWOPOS014A00 CRTWOPOS014A00 CRTWOPOS014A00 Air) Motorized 2 position outdoor air damper (25-100% Outdoor Air) 036 - 060 CRTWOPOS014A00 Tipe Controller				
CRMANDPR002A02 50% Open Manual Fresh Air Damper 150 CRMANDPR011A00 50% Open Manual Fresh Air Damper 150 MOTORIZED OUTDOOR AIR DAMPERS CRTWOPOS010A00 CRTWOPOS011A00 CRTWOPOS014A00 CRTWOPOS014A00 CRTWOPOS014A00 CRONTROL UPGRADE KITS CRDISKIT001A00 Can be used for any associated unit with VFD. NRTIMEGD001A00 Time Guard II Selectronic phase monitor breaks R control signal if trouble is detected. (Allows operation down to 255F from standard 405F.) CRPHASE3001A02 Phase Monitor Control CRSTATUS001A02 Fan/Filter Status Switch CRMANDPR001A00 Tope Into Into Into Into Into Into Into Into				
CRMANDPR011A00 50% Open Manual Fresh Air Damper 150 MOTORIZED OUTDOOR AIR DAMPERS CRTWOPOS010A00 CRTWOPOS011A00 Air) CRTWOPOS011A00 CRTWOPOS014A00 CRTWOPOS014A00 Air) CONTROL UPGRADE KITS CRDISKIT001A00 2-Speed VFD display kit provides the field capability to set up points and troubleshooting codes on the VFD controller. Can be used for any associated unit with VFD. NRTIMEGD001A00 Time Guard II 036 - 150 Electronic phase monitor breaks R control signal if trouble is detected. (Allows operation down to 255F from standard 405F.) CRPHASE3001A02 Phase Monitor Control All 208/230v, 460v (3 Ph only) CRPHASE3002A00 Phase Monitor Control All 575v CRSTATUS001A02 Fan/Filter Status Switch 036 - 150				
Motorized 2 position outdoor air damper (25-100% Outdoor CRTWOPOS011A00 CRTWOPOS014A00				
CRTWOPOS010A00 CRTWOPOS011A00 CRTWOPOS014A00 CRTWOPOS014A00 CRTWOPOS014A00 CRTWOPOS014A00 CRTWOPOS014A00 CRTWOPOS014A00 CRTWOPOS014A00 CRTWOPOS014A00 CRTWOPOS014A00 CRDISKIT001A00 CRDISKITO01A00 CRDISKITO01A00 CRDISKITO01A00 CRDISKITO01A00 CRDISKITO01A00 CRDISK			130	
CRTWOPOS011A00 CRTWOPOS014A00 CRTPHASE3001A00 CRTPHASE3001A00 CRTPHASE3001A00 CRTPHASE3001A00 CRTPHASE3002A00 CRTPHASE3001A00 CRTPHAS			036 - 060	
CRTWOPOS014A00 CONTROL UPGRADE KITS CRDISKIT001A00 All 2-Speed VFD Controllers Controllers Controllers All 2-Speed VFD Controllers All 2-S				
CRDISKIT001A00 2-Speed VFD display kit provides the field capability to set up points and troubleshooting codes on the VFD controller. Can be used for any associated unit with VFD. NRTIMEGD001A00 Time Guard II DNWINSTR001A00 Electronic phase monitor breaks R control signal if trouble is detected.(Allows operation down to 255F from standard 405F.) CRPHASE3001A02 Phase Monitor Control CRPHASE3002A00 Phase Monitor Control CRSTATUS001A02 Fan/Filter Status Switch All 2-Speed VFD Controllers All 2		Air)		
CRDISKIT001A00 2-Speed VFD display kit provides the field capability to set up points and troubleshooting codes on the VFD controller. Can be used for any associated unit with VFD. NRTIMEGD001A00 Time Guard II DNWINSTR001A00 Electronic phase monitor breaks R control signal if trouble is detected. (Allows operation down to 255F from standard 405F.) CRPHASE3001A02 Phase Monitor Control CRPHASE3002A00 Phase Monitor Control CRSTATUS001A02 Fan/Filter Status Switch All 2-Speed VFD Controllers			100	
CRDISKIT001A00 up points and troubleshooting codes on the VFD controller. Can be used for any associated unit with VFD. NRTIMEGD001A00 Time Guard II DNWINSTR001A00 Electronic phase monitor breaks R control signal if trouble is detected.(Allows operation down to 255F from standard 405F.) CRPHASE3001A02 Phase Monitor Control CRPHASE3002A00 Phase Monitor Control CRSTATUS001A02 Fan/Filter Status Switch All 2-Speed VFD Controllers O36 - 150 All 208/230v, 460v (3 Ph only) All 575v O36 - 150	CONTROL OF CRADE RITE			
Can be used for any associated unit with VFD. NRTIMEGD001A00 Time Guard II 036 - 150 Electronic phase monitor breaks R control signal if trouble is detected.(Allows operation down to 255F from standard 405F.) CRPHASE3001A02 Phase Monitor Control All 208/230v, 460v (3 Ph only) CRPHASE3002A00 Phase Monitor Control All 575v CRSTATUS001A02 Fan/Filter Status Switch 036 - 150	CRDISKIT001A00			
Electronic phase monitor breaks R control signal if trouble is detected.(Allows operation down to 255F from standard 405F.) CRPHASE3001A02 Phase Monitor Control CRPHASE3002A00 Phase Monitor Control CRSTATUS001A02 Fan/Filter Status Switch Electronic phase R control signal if trouble 036 - 150 All 208/230v, 460v (3 Ph only) All 575v CRSTATUS001A02 Fan/Filter Status Switch		Can be used for any associated unit with VFD.		
DNWINSTR001A00 is detected.(Allows operation down to 255F from standard 405F.) 036 - 150 CRPHASE3001A02 Phase Monitor Control (3 Ph only) CRPHASE3002A00 Phase Monitor Control (RSTATUS001A02) All 575v (36 - 150)	NRTIMEGD001A00		036 - 150	
CRPHASE3001A02 Phase Monitor Control All 208/230v, 460v (3 Ph only) CRPHASE3002A00 Phase Monitor Control All 575v CRSTATUS001A02 Fan/Filter Status Switch 036 - 150	DNWINSTR001A00	is detected.(Allows operation down to 255F from standard	036 - 150	
CRPHASE3002A00 Phase Monitor Control All 575v CRSTATUS001A02 Fan/Filter Status Switch 036 - 150	CRPHASE3001A02	,	· ·	
CRSTATUS001A02 Fan/Filter Status Switch 036 - 150	CRPHASE3002A00	Phase Monitor Control		

² Available from FAST Parts

RGH / RAH036-150

Single and Dual Compressor Models (cont.)

Accessories

Accessory Model Numbe		Use With	Notes
LOW AMBIENT CONTROL			
32LT900301 ¹	Motormaster I -20°F (-29°C) Low Ambient Control 208/230-1-60, 208/203-3-60, 575-3-60	036 - 102	
32LT900611 ¹	Motormaster I -20°F (-29°C) Low Ambient Control 460-3-60	048 - 102	
CPLOWAMB001A00	Motormaster II 0°F (-17°C) Low Ambient Control 208/230-1, 208/230-3, 460-3-60	036 - 150	
1178185 ²	Motormaster I Compatible Condenser Fan Motor 208/230-3-60, 575-3-60	036	
1178186 ²	Motormaster I Compatible Condenser Fan Motor 460-3-60	036	
1171974 ²	Motormaster I Compatible Condenser Fan Motor 208/230-3-60, 575-3-60	048 - 102	
1171975 ²	Motormaster I Compatible Condenser Fan Motor 460-3-60	048 - 102	
CRLOWAMB030A00 ³		120 208/203-3-60	
CRLOWAMB031A00 ³	Motormaster V Low Ambient Kit. Mechanical cooling operation down to -20° F (- 29° C)	120 460-3-60	
CRLOWAMB032A00 ³		120 575-3-60	
CRLOWAMB039A00 ³	Motormaster I Low Ambient Kit. Mechanical cooling	120 208/203-3-60	
CRLOWAMB040A00 ³	operation down to -20° F (- 29° C)	120 460-3-60	
CRTRXKIT001A00	Motormaster I Low Ambient control - Transformer kit. Must be used in conjunction with Low Ambient Controller if used on 575v models.	120 575-3-60	
SPECIAL - 150 SIZE SPEC	CIFIC ACCESSORIES		
CRDISBKT001A00	Disconnect Switch Bracket - Provides a pre engineered and sized mounting bracket for applications requiring a unit mounted fused diconnect of greater than 100 amps.	150	
CRDUCTCV002A00	Supply Duct Cover - This supply duct cover is required when field converting the factory standard vertical duct supply to horizontal duct supply configuration.	150	
P GAS CONVERSION KI			
CRLPELEV001A00	LP and Hi Altitude conversion kit. Contains spuds sizes 31, 32, 33, 35, and 36.	036 - 120	
CRLPELEV002A00	LP and Hi Altitude conversion kit. Contains spuds sizes 37, 38, 39, 44, and 45.	036 - 120	
CRLPELEV003A00	LP and Hi Altitude conversion kit. Contains spuds sizes 46, 47, 48, 49, and 50.	036 - 120	
CRLPELEV004A00	LP and Hi Altitude conversion kit. Contains spuds sizes 51, 52, 53, 54, and 55.	036 - 120	
CRLPELEV007A00	LP and Hi Altitude conversion kit. Contains spuds sizes 36, 37, 38, and 39.	150	
CRLPELEV008A00	LP and Hi Altitude conversion kit. Contains spuds sizes 40, 41, 42, and 43.	150	
CRLPELEV009A00	LP and Hi Altitude conversion kit. Contains spuds sizes 51, 52, 53, 54, and 55.	150	

^{*}See usage tables in kit instructions.

¹ Requires motor change out.

² Available from FAST Parts.

Note: Sizes 036-060 requires (1) low ambient controller and (1) compatible condenser fan motor for change out Sizes 072-102 requires (1) low ambient controller and (2) compatible condenser fan motors for change out

³ No motor change is required on these specific models. Requires two DNWINSTR001A00 Winter Start Kits (one per circuit)

RGH / RAH036-150

Single and Dual Compressor Models (cont.)

Accessories

Accessory Model Number	Description	Use With	Notes
HEATING UPGRADE KITS			
CRFLUEDS001A00	Flue Discharge Deflector	036 - 120	
CRFLUEHD001A01	Flue Exhaust Heat Shield	036 - 120	
CRFLUEDS007A00	Flue Discharge Deflector	150	
ACCESSORY KITS FOR U	NITS WITH HINGED ACCESS PANELS		_
DNHNGPNL001A00	Vertical accessory kit. Required when field installing a two position damper or vertical economizer. Includes angle and	036 - 060	
DNHNGPNL002A00	seal strip.	072 - 120	
DNPECONV003A00	Horizontal accessory kit. Required when field installing a two position damper or vertical economizer. Includes door	036 - 060	
DNPECONV004A00	panel, angle and seal strip	072 - 120	
LOUVERD HAIL GUARDS	- CONDENSER COIL		
CRLVHLGD012A00	Louvered Condenser Coil Hail Guard	036	
CRLVHLGD013A00	Louvered Condenser Coil Hail Guard	048-060	
CRLVHLGD014A00	Louvered Condenser Coil Hail Guard	072	
CRLVHLGD016A00	Louvered Condenser Coil Hail Guard	090-120	
CRLVHLGD032A00	Louvered Condenser Coil Hail Guard	150	

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

Accessories

Accessory Model Number	Description	Use With	Notes
FLAT ROOF CURBS*			
CRRFCURB045A00	14" High Roof Curb	181/183	
CRRFCURB047A00	14" High Roof Curb	210/243	
CRRFCURB046A00	24" High Roof Curb	181/183	
CRRFCURB048A00	24" High Roof Curb	210/243	
CRRFCURB049A00	14" High Roof Curb	300 - 303	
CRRFCURB050A00	24" High Roof Curb	300 - 303	
* Includes thru-the-bottom ca	apability		
ECONOMIZERS			
DNECOMZR052A00	Vertical and Horizontal Economizer IV with solid-state	181/183 -	
	controller, gear-driven, modulating damper, spring return	210/213	
DNECOMZR053A00	actuator, up to 100% barometric relief, supply and outdoor	240/243 -	
DNECOWZRUSSAUU	air sensors, and CO2 sensor compatible.	300/303	
	Ultra Low Leak ³ Vertical and Horizontal Economizer X with solid-state controller, gear-driven, modulating damper,	181/183-	
CRECOMZR074A00 ^{1,2}	spring return actuator, up to 100% barometric relief, supply	210/213	
	and outdoor air sensors, and CO2 sensor compatible.		
	Ultra Low Leak ³ Vertical and Horizontal Economizer X with		
CRECOMZR075A00 ^{1,2}	solid-state controller, gear-driven, modulating damper,	240/243-	
011200M2110707100	spring return actuator, up to 100% barometric relief, supply	300/303	
	and outdoor air sensors, and CO2 sensor compatible.		
¹ Economizer X cannot be in	stall with Economizer IV, manual damper, or motorized damper.		
•	icl mechanical units with 2-stage cooling and 2-speed fan contro		
ECONOMIZER SENSORS	ior mediamodramic war z stage cooling and z speed fair control	/1.	
		Economizer	
DNTEMPSN002A00	Single (dry bulb) Control	IV	
DNIODDIOVOGEAGO	000 0	Economizer	
DNCBDIOX005A00	CO2 Sensor for use in return airstream	IV, X	
DNIENTDIE004A00	Datum Air Enthalau Canaan	Economizer	
DNENTDIF004A00	Return Air Enthalpy Sensor	IV	
AXB078ENT	Enthalou Control	Economizer	
AABU/6EN1	Enthalpy Control	IV	
CRTEMPSN005A00	Outdoor or Return Dry Bulb Sensor used with Honeywell	Economizer	
CKTEMF3N009A00	W7220 Electro-Mechanical Control	X	
	Enthalpy control for W7220 controller only. (One required for	Economizer	
HH57AC-081	single enthalpy, two required for differential enthalpy)	X	
BAROMETRIC RELIEF HO	1 - 11		
DAROWLETRIC RELIEF HO		102 010	
CRBARHOD001A00	For horizontal economizer applications where relief damper	183 - 213 -	
	is installed in duct work, this kit provides needed protection	243 - 303	
POWER EXHAUST*	Dr. (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	104 555	
CRPWREXH068A00	Vertical and Horizontal, 208/230-3-60	181 - 303	
CRPWREXH069A00	IV/antical and Harimantal 460.2.60	181 - 303	
	Vertical and Horizontal, 460-3-60		
CRPWREXH070A00	Vertical and Horizontal, 575-3-60	181 - 303	
MANUAL OUTDOOR AIR D	Vertical and Horizontal, 575-3-60 AMPERS	181 - 303	
	Vertical and Horizontal, 575-3-60		

^{*} When power exhaust is used on horizontal applications, it must be field mounted to the side of the return duct.

RGH / RAH181-303 (cont.)

Accessories

Accessory Model Number	Description	Use With	Notes	
MOTORIZED OUTDOOR AI	MOTORIZED OUTDOOR AIR DAMPERS			
CRTWOPOS012A00	Motorized 2 position outdoor air damper	181,183,		
0111101 000127.00	motorizou z position outdoor dir dampor	210,213		
CRTWOPOS013A00	Motorized 2 position outdoor air damper	240,243,		
	·	300,303		
LOW AMBIENT CONTROLS				
CRLOWAMB041A00 ¹	Motormaster I -20°F (-29°C) Low Ambient Control 208/230-3-60	181 - 303		
CRLOWAMB042A00 ¹	Motormaster I -20°F (-29°C) Low Ambient Control 460-3-60, 575-3-60	181 - 303		
CRTRXKIT001A00	Motormaster I -20°F (-29°C)Transformer 575-3-60	181 - 303		
CONTROL UPGRADE KITS				
	2-Speed VFD display kit provides the field capability to set	All 2 speed		
CRDISBKT001A00	up points and troubleshooting codes on the VFD controller.	VFD		
	Can be used for any associated unit with VFD.	Controllers		
NRTIMEGD001A00	Time Guard II	181 - 303		
CRSDTEST001A00	Smoke detector remote Test/Reset/Alarm indicator kit	181 - 303		
CRPHASE3001A02	Electronic Phase Monitor - All 208/230/460-3-60 models	181 - 303		
CRPHASE3002A00	Electronic Phase Monitor - All 575-3-60 models	181 - 303		
CRSTATUS005A00	Fan/filter Status Switch - Indicator light not included	181 - 303		
CRSMKSEN002A00	Smoke Detector Control Module	181 - 303		
CRSMKKIT002A00	Smoke Detector Control Module (Smoke Detector Sensor	181 - 303		
CINGWINNITOUZAGO	with sampling tube & exhaust tube)	101 - 303		
DNWINSTR001A00	Winter Start Kit - Contains time delay relay for timed bypass	181 - 303		
1 AL STRUCTED	of low pressure switch on startup	101 - 303		

¹ Also requires two DNWINSTR001A00 Winter Start Kits, one per refrigerant circuit

² Must use in conjunction with <u>CRLOWAMB042A00 if used on 575-3-60 models.</u>

Propane GAS CONVERSION	ON KITS	
CRLPKIT9001A00	Propane Conversion kit. for use between 0' to 2,000'	181 - 303
CDI DEI EVONEANO	Propane and Hi Altitude conversion kit	181 - 303
CRLPELEV005A00	(for use between 2001' to 10,000')	161 - 303
CDI DEI EVO06400	Propane and Hi Altitude conversion kit	101 202
CRLPELEV006A00	(for use between 10,001' to 14,000')	181 - 303
NATURAL GAS HIGH ALT	TITUDE CONVERSION KITS	
CDNCELEV001400	High Altitude Conversion kit	101 202
CRNGELEV001A00	(for use between 3,000' to 10,000')	181 - 303
CRNGELEV002A00	High Altitude Conversion kit	101 202
CRNGELEV002A00	(for use between 10,001' to 14,000')	181 - 303
HEATING UPGRADE KITS		
CRFLUEDS006A00	Flue Discharge Deflector	181 - 303
4 FILTER TRACK UPGRA	DE KIT	
CRFLTTRK001A00	4 Field Conversion Kit	181 - 303
HAIL GUARDS		
CRLVHLGD017A00	Louvered Condenser Coil Hail Guard	181/183
CRLVHLGD030A00	Louvered Condenser Coil Hail Guard	210/213
CRLVHLGD031A00	Louvered Condenser Coil Hail Guard	240/243
CRLVHLGD029A00	Louvered Condenser Coil Hail Guard	300/303

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

RGS/RAS036-180

CRTEMPSN005A00

Single and Dual Compressor Models

Accessories

Accessory Model Number	Description	Use With	Notes
CURBS	·		
CRRFCURB001A01	14" High Roof Curb. Ductwork attaches to the roof curb. Includes	036 - 072	
CRRFCURB003A01	<u> </u>	090 - 150	
CRRFCURB074A00	thru-the-bottom capability.	180	
CRRFCURB002A01		036 - 072	
CRRFCURB004A01	24" High Roof Curb. Ductwork attaches to the roof curb. Includes	090 - 150	
CRRFCURB075A00	thru-the-bottom capability.	180	
THROUGH-THE-BOTTOM/	CURB POWER CONNECTION		
CRBTMPWR001A01	Thru-the-bottom electrical + thru-the-curb gas	036 - 072	
CRBTMPWR002A01	Thru-the-bottom electrical + thru-the-curb gas	090 - 150	
CRBTMPWR003A01	Thru-the-bottom electrical and gas	036 - 072	
CRBTMPWR004A01	Thru-the-bottom electrical and gas	090 - 150	
CRBTMPWR005A00	-		
CRBTMPWR006A00	Thru-the-bottom electrical and gas	180	
CRBTMPWR007A00	-		
ECONOMIZERS			
DNECOMZR020A02	Vertical Economizer IV with solid-state controller, gear-driven, 3-	036 - 072	
DNECOMZR021A03	position modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor	090 - 150	
DNECOMZR062A00	compatible.	180	
CRECOMZR069A00 ^{1,2}	Ultra Low Leak ³ Vertical Economizer X with solid-state W7220 controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible, for use in electro mechanical controls only.	090 - 150	
CRECOMZR071A00 ^{1,2}	Ultra Low Leak ³ Vertical Economizer X with solid-state W7220 controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible, for use in electro mechanical controls only.	180	
DNECOMZR024A02	Horizontal Economizer IV with solid-state controller, gear-driven, 3-	036 - 072	
DNECOMZR025A02	position modulating damper, spring return actuator, up to 100%	090 - 150	
DNECOMZR064A00	barometric relief, supply and outdoor air sensors, and CO2 sensor	180	
¹ Economizer X cannot be in	stallwith Economizer IV, manual damper, or motorized damper.	•	
	icl mechanical units with 2-stage cooling and 2-speed fan control.		
	only available on vertical air flow configuration models.		
ECONOMIZER SENSORS	only available on vertical all now configuration models.		
	Outdoor or Return Dry Bulb Sensor used with Electro-Mechanical	T T	
DNTEMPSN002A00	Control	Economizer IV	
DNCBDIOX005A00	CO2 Sensor for use in return airstream. Also includes Aspirator Box required for Duct Mounting.	Economizer IV, X	
DNENTDIF004A00	Return Air Enthalpy Sensor used with Electro-Mechanical controls, use with AX078ENT for differential enthalpy control	Economizer IV	
AXB078ENT	Economizer Differential Enthalpy Control Upgrade	Economizer IV	
	Enthalpy control for W7220 controller only. (One required for		
HH57AC-081	single enthalpy, two required for differential enthalpy)	Economizer X	
	Outdoor or Datura Dry Pulb Consor used with Hanswell W7220		

continued on next page

Economizer X

Outdoor or Return Dry Bulb Sensor used with Honeywell W7220

Electro-Mechanical Control

Accessories

Accessory Model Number	Description	Use With	Notes
POWER EXHAUST			
DNPWREXH030A01	Vertical Power Exhaust 208/230 volt (1 or 3 Phase)	036 - 072	
DNPWREXH021A01	Vertical Power Exhaust 460 volt	036 - 072	
DNPWREXH022A01	Vertical Power Exhaust 208/230 volt (1 or 3 Phase)	090 - 150	
DNPWREXH023A01	Vertical Power Exhaust 460 volt	090 - 150	
DNPWREXH080A00	Vertical Power Exhaust 208/230 volt	180	
DNPWREXH081A00	Vertical Power Exhaust 460 volt	180	
DNPWREXH028A01	Horizontal Power Exhaust 208/230 & 575 volt (1 or 3 Phase)	036 - 150	
DNPWREXH029A01	Horizontal Power Exhaust 460 volt	036 - 150	
DNPWREXH082A00	Horizontal Power Exhaust 208/230 & 575 volt	180	
DNPWREXH083A00	Horizontal Power Exhaust 460 volt	180	
575V TRANSFORMER			
	Transformer for conversion from 575v to 208/230v power	020 400	
11714942	exhaust applications.	036 - 180	
MANUAL OUTDOOR AIR D		<u> </u>	
CRMANDPR001A03	25% Open Manual Fresh Air Damper	036 - 072	
CRMANDPR001A02	50% Open Manual Fresh Air Damper	036 - 072	
CRMANDPR002A03	25% Open Manual Fresh Air Damper	090 - 150	
CRMANDPR002A02	50% Open Manual Fresh Air Damper	090 - 150	
CRMANDPR002A02 CRMANDPR011A00		180	
	50% Open Manual Fresh Air Damper	160	
MOTORIZED OUTDOOR A		000 070	
CRTWOPOS010A00	Motorized 2 position outdoor air damper	036 - 072	
CRTWOPOS011A00	Motorized 2 position outdoor air damper	090 - 150	
CRTWOPOS014A00	Motorized 2 position outdoor air damper	180	
LOW AMBIENT CONTROL			
201 70000041	Motormaster I -20°F (-29°C) Low Ambient Control 208/230-1-60,	036 - 121	
32LT900301 ¹	208/203-3-60, 575-3-60	030 - 121	
32LT900611 ¹	Motormaster Í -20°F (-29°C) Low Ambient Control 460-3-60	036 - 121	
	Motormaster II 0°F (-17°C) Low Ambient Control		
CPLOWAMB001A00	208/230-1, 208/230-3, 460-3-60	036 - 121 ⁴	
	Motormaster I Compatible Condenser Fan Motor 208/230-1-60,		
1171974 ²		036 - 121	
	208/203-3-60, 575-3-60	202 404	
1171975 ²	Motormaster I Compatible Condenser Fan Motor 460-3-60	036 - 121	
CRLOWAMB030A00 ³		150	
OTTEOVY WILDOOF TOO		208/203-3-60	
CRLOWAMB031A00 ³	Motormaster V Low Ambient Kit. Mechanical cooling operation	150	
CRLOWAMB031A00	down to -20° F (- 29° C)	460-3-60	
3	` '	150	
CRLOWAMB032A00 ³		575-3-60	
	Motormaster I Low Ambient Kit. Mechanical cooling operation		
	down to -20° F (- 29° C). Kit includes 3 motors, MotorMaster	180	
CRLOWAMB039A00		208/230-3-60	
	controller, wiring label, and required wire ties and connectors.	200/230-3-00	
	DNWINSTR001A00 also required (one per refrigerant circuit).		
	Motormaster I Low Ambient Kit. Mechanical cooling operation	1	
	down to -20° F (- 29° C). Kit includes 3 motors, MotorMaster	180	
CDL OWANDOAOAOA			
CRLOWAMB040A00	controller, wiring label, and required wire ties and connectors. 575	460-3-60	
	Volt models also require CRTRXKIT002A00 plus	575-3-60	
	DNWINSTR001A00 also required (one per refrigerant circuit).	1	
	Motormaster I Low Ambient Control - Transformer Kit. Must be	180	
CRTRXKIT001A00	used in conjunction with Low Ambient Controller if used on		
	575-3-60 volt models.	575-3-60	
	or or our modele.		

^{*} See usage tables in kit instructions.

¹ Requires motor change out. Sizes 036–072 require one (1) Low Ambient Controller and one (1) compatible condenser fan motor for change–out. Sizes 090–121 require one (1) Low Ambient Controller and two (2) compatible condenser fan motors for change–out. See Motormaster I kit instructions for capacitor replacement information.

² Available from FAST Parts.

³ No motor change is required on these specific models.

⁴ One DNWINSTR001A00 also required per refrigerant circuit.

RGS / RAS036-180

Single and Dual Compressor Models (cont.)

Accessories

ccessory Model Number		Use With	Notes
ONTROL UPGRADE KITS			
CRSTATUS001A00	Fan/Filter Status Switch	ALL	
CRDISKIT001A00	2 Speed VFD display kit – Provides the field capability to set up points and troubleshooting codes on the VFD controller. Kit includes display, cable, and mounting bracket for a unit installation. If preferred, kit can be used for any associated unit with VFD.	All 2 Speed VFD Controllers	
NRTIMEGD001A00	Time Guard II Automatically prevents the compressor from restarting for at least 4 minutes and 45 seconds after shutdown of the compressor. Not required when a commercial thermostat has a minimum 5 min time delay between cooling cycles available (One required per unit)	All	
DNWINSTR001A00	Winter Start Package - Contains time delay relay for timed bypass of low pressure switch on startup.(One required per refrigerant circuit) ¹	All	
CRPHASE3001A02	Phase Monitor Control - Provides phase loss/phase reversal protection - All 3 phase 208/230/460-3-60 models	All	
CRPHASE3002A00	Phase Monitor Control - Provides phase loss/phase reversal protection - All 575-3-60 models	All	
CRSDTEST001A00	Remote keyed attenuator / test / reset station for use with factory installed smoke detectors. Includes power, alarm & trouble indicator lights.	All	
EATING UPGRADE KITS	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
CRLPELEV001A00	LP and Hi Altitude conversion kit. Contains spuds sizes 31, 32, 33, 35, and 36.	036 - 150	
CRLPELEV002A00	LP and Hi Altitude conversion kit. Contains spuds sizes 37, 38, 39, 44, and 45.	036 - 150	
CRLPELEV003A00	LP and Hi Altitude conversion kit. Contains spuds sizes 46, 47, 48, 49, and 50.	036 - 150	
CRLPELEV004A00	LP and Hi Altitude conversion kit. Contains spuds sizes 51, 52, 53, 54, and 55.	036 - 150	
CRLPELEV007A00	LP and Hi Altitude conversion kit. Contains spuds sizes 36, 37, 38, and 39.	180	
CRLPELEV008A00	LP and Hi Altitude conversion kit. Contains spuds sizes 40, 41, 42, and 43.	180	
CRLPELEV009A00	LP and Hi Altitude conversion kit. Contains spuds sizes 51, 52, 53, 54, and 55.	180	
EATING UPGRADE KITS	Flux Direktore Deflector	000 450	
	Flue Discharge Deflector	036 - 150	
CRFLUEHD001A01	Flue Exhaust Heat Shield	036 - 180	
CRFLUEHS007A00	Flue Discharge Deflector	180	
AIL GUARDS CRLVHLGD011A00	Louvered Condenser Coil Hail Guard	036	
CRLVHLGD011A00 CRLVHLGD012A00	Louvered Condenser Coil Hail Guard Louvered Condenser Coil Hail Guard	048 - 060	
CRLVHLGD012A00 CRLVHLGD013A00	Louvered Condenser Coil Hail Guard	046 - 060	
CRLVHLGD013A00 CRLVHLGD014A00	Louvered Condenser Coll Hail Guard	090, 91	
CRLVHLGD014A00	Louvered Condenser Coll Hail Guard	101	
CRLVHLGD015A00	Louvered Condenser Coil Hail Guard	102, 120, 121, 150	
CRLVHLGD032A00	Louvered Condenser Coil Hail Guard	180	
PECIAL - 180 SIZE SPEC		100	
	Disconnect Switch Bracket	180	
CRDISBKT001A00	DISCOTTICCE SWILCH DIACKEL	100	

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

Accessories

Accessory Model Number	Description	Use With	Notes
FLAT ROOF CURBS*			
CRRFCURB045A00	441/050) 11: 1 D (0 1 D (1 1 1 1 1 1 1	210/213	
CRRFCURB047A00	14" (356 mm) High Roof Curb. Ductwork attaches to the	240/243 - 300/303	
CRRFCURB049A00	roof curb. Includes thru-the-bottom capability.	336/333	
CRRFCURB046A00		210/213	
CRRFCURB048A00	24" (607 mm) High Roof Curb.Ductwork attaches to the	240/243 - 300/303	
CRRFCURB050A00	roof curb. Includes thru-the-bottom capability.	336/333	
Includes thru-the-bottom ca	n anahility	000/000	
ECONOMIZERS IV			
	Vertical and Horizontal Economizer IV with solid-state		
DNECOMZR052A00 ^{1,2}	controller, gear-driven, modulating damper, spring return	210/213 - 240/243	
	actuator, up to 100% barometric relief, supply and outdoor		
DNECOMZR053A00 ^{1,2}	air sensors, and CO2 sensor compatible.	300/303 - 336/333	
	nstallwith Economizer X, manual damper, or motorized damp		
	icl mechanical units with 2-stage cooling and 2-speed fan co	ntrol	
ECONOMIZERS X		T T	
	Ultra Low Leak ³ Vertical and Horizontal Economizer X with		
4.0	solid-state controller, gear-driven, modulating damper,	210/213	
CRECOMZR074A00 ^{1,2}	spring return actuator, up to 100% barometric relief, supply	-	
	and outdoor air sensors, and CO2 sensor compatible.	240/243	
	and outdoor all sensors, and GO2 sensor compatible.		
	Ultra Low Leak ³ Vertical and Horizontal Economizer X with		
		300/303	
CRECOMZR075A00 ^{1,2}	solid-state controller, gear-driven, modulating damper,	-	
	spring return actuator, up to 100% barometric relief, supply	336/333	
	and outdoor air sensors, and CO2 sensor compatible.		
¹ Economizer X cannot be in	istall with Economizer IV, manual damper, or motorized dam	per	
-	icl mechanical units with 2-stage cooling and 2-speed fan co		
ECONOMIZER SENSORS	ior meenamear units with 2-stage cooling and 2-speed fair co	TILL OI	
DNTEMPSN002A00	Single (dry bulb) Control	Economizer IV	
DNCBDIOX005A00	CO2 Sensor for use in return airstream	Economizer IV, X	
DNENTDIF004A00	Return Air Enthalpy Sensor	Economizer IV	
AXB078ENT	Enthalpy Control	Economizer IV	
ANDOTOLINI	Outdoor or Return Dry Bulb Sensor used with Honeywell	LCOHOITILZELIV	
CRTEMPSN005A00	W7220 Electro-Mechanical Control	Economizer X	
HH57AC-081	Enthalpy control for W7220 controller only. (One required	Economizer X	
1111 07710 001	for single enthalpy, two required for differential enthalpy)	Loonomizor X	
NOTE: Supply air temperatu	ire sensor (SAT and low ambient lockout switch) provided wi	th Economizer IV or E	conomizer X
BAROMETRIC RELIEF HO	OD		
	For horizontal economizer applications where relief	040 040	
CRBARHOD001A00	damper is installed in duct work, this kit provides needed	213 - 243	
	protection	303 - 330	
POWER EXHAUST*	Ib		
CRPWREXH068A00	Vertical and Horizontal, 208/230-3-60	ALL	
CRPWREXH069A00	Vertical and Horizontal, 460-3-60	ALL	
CRPWREXH070A00	Vertical and Horizontal, 400-3-00 Vertical and Horizontal, 575-3-60	ALL	
OIN WINLAHU/UAUU	vertical and Honzontal, 575-5-00	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	

^{*} When power exhaust is used on horizontal applications, it must be field mounted to the side of the return duct.

^{**} Power exhaust can be used with both Economizer IV and Economizer X. The power exhaust is controlled by the Economizer controller.

MANUAL OUTDOOR AIR DAMPERS			
CRMANDPR009A00	25% Open Manual Fresh Air Damper	210/213 - 240/243	
CRMANDPR010A00	25% Open Manual Fresh Air Damper	300/303 - 336/333	

RGS / RAS210-336 (cont.)

Accessories

Accessory Model Number	Description	Use With	Notes
MOTORIZED OUTDOOR A	R DAMPERS		
CRTWOPOS012A00	Motorized 2 position outdoor air damper	210/213 - 240/243	
CRTWOPOS013A00	Motorized 2 position outdoor air damper	300/303 - 336/333	
LOW AMBIENT CONTROLS	S		
I CRICWAMBUATAUU	Motormaster I -20°F (-29°C) Low Ambient Control 208/230-3-60	ALL	
	Motormaster I -20°F (-29°C) Low Ambient Control 460-3-60, 575-3-60	ALL	
CRTRXKIT001A00	Motormaster I -20°F (-29°C)Transformer 575-3-60 ¹	ALL	

^{*} When power exhaust is used on horizontal applications, it must be field mounted to the side of the return duct.

¹ Must use in conjunction with CRLOWAMB028A00 if used on 575-3-60 models.

CONTROL UPGRADE KITS			
CRDISBKT001A00	2-Speed VFD display kit provides the field capablility to set up points and troubleshooting codes on the VFD controller. Can be used for any associated unit with VFD.	All 2 speed VFD Controllers	
NRTIMEGD001A00	Time Guard II	ALL	
CRSDTEST001A00	Smoke detector remote Test/Reset/Alarm indicator kit	ALL	
CRPHASE3001A02	Electronic Phase Monitor - All 208/230/460-3-60 models	ALL	
CRPHASE3002A00	Electronic Phase Monitor - All 575-3-60 models	ALL	
CRSTATUS005A00	Fan/filter Status Switch - Indicator light not included	ALL	
CRSMKSEN002A00	Smoke Detector Control Module	ALL	
CRSMKKIT002A00	Smoke Detector Control Module (Smoke Detector Sensor with sampling tube & exhaust tube)	ALL	
DNWINSTR001A00	Winter Start Kit - Contains time delay relay for timed bypass of low pressure switch on startup	ALL	
Propane GAS CONVERSIO	ON KITS		
CRLPKIT9001A00	Propane Conversion kit. for use between 0' to 2,000'	ALL	
CRLPELEV005A00	Propane and Hi Altitude conversion kit. for use between 2001' to 10,000'	ALL	
CRLPELEV006A00	Propane and Hi Altitude conversion kit. for use between 10,001' to 14,000'	ALL	
NATURAL GAS HIGH ALT	ITUDE CONVERSION KITS	<u> </u>	
CRNGELEV001A00	High Altitude Conversion kit. for use between 3,000' to 10,000'	ALL	
CRNGELEV002A00	High Altitude Conversion kit. for use between 10,001' to 14,000'	ALL	
HEATING UPGRADE KITS			
CRFLUEDS006A00	Flue Discharge Deflector	ALL	
4 FILTER TRACK UPGRAD	DE KIT		
CRFLTTRK001A00	4 Field Conversion Kit	ALL	
HAIL GUARDS			
CRLVHLGD017A00	Louvered Condenser Coil Hail Guard	210/213	
CRLVHLGD027A00	Louvered Condenser Coil Hail Guard	240/243	
CRLVHLGD028A00	Louvered Condenser Coil Hail Guard	300/303	
CRLVHLGD029A00	Louvered Condenser Coil Hail Guard	336/333	

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

Accessories

Accessory Model Number	Description	Use With	Notes
CURBS			
CRRFCURB001A01	14" High Roof Curb. Ductwork attaches to the roof curb.	036 - 060	
CRRFCURB003A01	Includes thru-the-bottom capability.	072 - 102	
CRRFCURB072A00	moduoo and the bottom capability.	120	
CRRFCURB002A01	24" High Roof Curb. Ductwork attaches to the roof curb.	036 - 060	
CRRFCURB004A01	Includes thru-the-bottom capability.	072 - 102	
CRRFCURB073A00		120	
CONOMIZERS		T T	
DNECOMZR020A02	Vertical Economizer IV with solid-state controller, gear-driven,	036 - 060	
DNECOMZR021A03	3-position modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and	072 - 102	
DNECOMZR062A00	CO2 sensor compatible.	120	
CRECOMZR069A00 ^{1,2}	Ultra Low Leak ³ Vertical Economizer X with solid-state W7220 controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible, for use in electro mechanical controls only.	090 - 102	
CRECOMZR071A00 ^{1,2}	Ultra Low Leak ³ Vertical Economizer X with solid-state W7220 controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible, for use in electro mechanical controls only.	120	
DNECOMZR024A02	Horizontal Economizer IV with solid-state controller, gear-	036 - 060	
DNECOMZR025A02	driven, 3-position modulating damper, spring return actuator,	072 - 102	
DNECOMZR064A00	up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible.	120	
Economizer X cannot be in	nstallwith Economizer IV, manual damper, or motorized damper.		
	ricl mechanical units with 2-stage cooling and 2-speed fan contro	ol.	
•	only available on vertical air flow configuration models.		
CONOMIZER SENSORS	only available on vertical all new configuration medicie.		
	Outdoor or Return Dry Bulb Sensor used with Electro-	Economizer	
DNTEMPSN002A00	Mechanical Control	IV	
DNCBDIOXO05400	CO2 Sensor for use in return airstream. Also includes	Economizer	
DNCBDIOX005A00	Aspirator Box required for Duct Mounting.	IV & X	
DNENTDIF004A00	Return Air Enthalpy Sensor used with Electro-Mechanical	Economizer	
DNENT DIF 004A00	controls, use with AX078ENT for differential enthalpy control	IV	
AXB078ENT	Economizer Differential Enthalpy Control Upgrade	Economizer IV	
1111 5740 004	Enthalpy control for W7220 controller only. (One required for	Economizer	
HH57AC-081	single enthalpy, two required for differential enthalpy)	X	
ODTEMPONIOSEASS	Outdoor or Return Dry Bulb Sensor used with Honeywell	Economizer	
CRTEMPSN005A00	W7220 Electro-Mechanical Control	X	
IOTE: Supply air temperatu	ure sensor (SAT & low ambient lockout switch) provided with Eco		
75V TRANSFORMER			
44744041	Transformer for conversion from 575v to 208/230v power	026 102	
1171494 ¹	exhaust applications.	036 - 102	

RHH036-120
Single and Dual Compressor Models (cont.)

Accessories

Accessory Model Number	Description	Use With	Notes
POWER EXHAUST			
DNPWREXH030A01	Vertical Power Exhaust 208/230 volt (1 or 3 Phase)	036 - 060	
DNPWREXH021A01	Vertical Power Exhaust 460 volt	036 - 060	
DNPWREXH022A01	Vertical Power Exhaust 208/230 volt	072 - 102	
DNPWREXH023A01	Vertical Power Exhaust 460 volt	072 - 102	
DNPWREXH080A00	Vertical Power Exhaust 208/230 volt	120	
DNPWREXH081A00	Vertical Power Exhaust 460 volt	120	
DNPWREXH028A01	Horizontal Power Exhaust 208/230 (1 or 3 Phase) & 575 volt	036 - 102	
DNPWREXH029A01	Horizontal Power Exhaust 460 volt	036 - 102	
DNPWREXH082A00	Horizontal Power Exhaust 208/230 & 575 volt	120	
DNPWREXH083A00	Horizontal Power Exhaust 460 volt	120	
MANUAL OUTDOOR AIR D	DAMPERS		
CRMANDPR001A03	25% Open Manual Fresh Air Damper	036 - 060	
CRMANDPR001A02	50% Open Manual Fresh Air Damper	036 - 060	
CRMANDPR002A03	25% Open Manual Fresh Air Damper	072 - 102	
CRMANDPR002A02	50% Open Manual Fresh Air Damper	072 - 102	
CRMANDPR011A02	50% Open Manual Fresh Air Damper	120	
MOTORIZED OUTDOOR A	IR DAMPERS		
CRTWOPOS010A00	Motorized 2 position outdoor air damper (25-100% Outdoor Air)	036 - 060	
CRTWOPOS011A00	Motorized 2 position outdoor air damper	072 - 102	
CRTWOPOS014A00	Motorized 2 position outdoor air damper	120	
ACCESSORY KITS FOR U	NITS WITH HINGED ACCESS PANELS		
DNHNGPNL001A00	Vertical accessory kit. Required when field installing a two position damper or vertical economizer. Includes angle and	036 - 060	
	seal strip.	072 - 102	
CREPCONVOU/A00	Vertical and Horizontal accessory kit is required when field installing a 2-position damper or vertical or horizontal economizer on a unit that has hinged access panels. Includes door panel, angle and seal strip.	120	
	Horizontal accessory kit. Required when field installing a two position damper or vertical economizer. Includes door panel,	036 - 060	
	angle and seal strip	072 - 102	

¹Available from FAST Parts.

Accessories

Accessory Model Number	Description	Use With	Notes
LOW AMBIENT CONTROL			
32LT900301 ¹	Motormaster I -20°F (-29°C) Low Ambient Control 208/230-1-60, 208/203-3-60	036 - 102	
32LT900611 ¹	Motormaster I -20°F (-29°C) Low Ambient Control 460-3-60, 575-3-60	036 - 102	
1178185 ²	Motormaster I Compatible Condenser Fan Motor	36	
1178186 ²	Motormaster I Compatible Condenser Fan Motor	36	
1171974 ²	Motormaster I Compatible Condenser Fan Motor	048 - 102 208/230-3-60	
1171975 ²	Motormaster I Compatible Condenser Fan Motor	048 - 102 460-3-60, 575-3-60	
CRLOWAMB030A00 ³		102, 208/230-3-60	
CRLOWAMB031A00 ³	Motormaster V Low Ambient Control Mechanical cooling operation down to −20°F (−29°C)	102, 460-3-60	
CRLOWAMB032A00 ³		102, 575-3-60	
CRLOWAMB039A00	Motormaster I Low Ambient Kit. Mechanical cooling operation	120 208/203-3-60	
CRLOWAMB040A00	down to -20° F (- 29° C)	120 460-3-60	
CRWHPKT001A00	Low Ambient Heat Pump Relay Kit provides the relay and hardware required for heat pump duty Motor Master 1 operation. All voltages.	120	
CRTRXKIT002A00	Motormaster I Low Ambient control - Transformer kit. Must be used in conjunction with Low Ambient Controller if used on 575v models.	120	
THROUGH-THE-BOTTOM/	CURB POWER CONNECTION		
CRBTMPWR001A01	Thru-the-bottom electrical connections and thru-the-curb gas connections. Includes 3/4-inch diameter liquid tight conduit fitting for high voltage power wires.	036 - 060	
CRBTMPWR002A01	Thru-the-bottom electrical connections and thru-the-curb gas connections. Includes 1–1/4-inch diameter liquid tight conduit fitting for high voltage power wires.	072 - 102	
CRBTMPWR003A01	Thru-the-bottom power, control, and gas connections. Includes 3/4-inch diameter liquid tight conduit fitting for high voltage power wires.	036 - 060	
CRBTMPWR004A01	Thru-the-bottom power, control, and gas connections. Includes 1-1/4-inch diameter liquid tight conduit fitting for high voltage power wires.	072 - 102	
CRBTMPWR005A01	Thru-the-bottom power, control, and gas connections. Includes 1-1/4 inch diameter liquid tight conduit fitting for high voltage power wires.	120	
CRBTMPWR006A01	Thru-the-bottom power, control, and gas connections. Includes 1-1/2 inch diameter liquid tight conduit fitting for high voltage power wires.	120	
CRBTMPWR007A01	Thru-the-bottom power, control, and gas connections. Includes 2 inch diameter liquid tight conduit fitting for high voltage power wires.	120	

^{*}See usage tables in kit instructions.

¹ Requires motor change out

Available from FAST Parts.
 Note: Sizes 036-072 requires (1) low ambient controller and (1) compatible condenser fan motor for change out.
 Size 090 requires (1) low ambient controllers and (2) compatible condenser fan motors for change out.

 $^{^{\}rm 3}$ No motor change is required on these specific models.

RHH036-120

Single and Dual Compressor Models (cont.)

Accessories

Accessory Model Number	Use With	Notes				
Accessory Model Number Description Use With Notes CONTROL UPGRADE KITS						
DNWINSTR001A00	Electronic phase monitor breaks "R" control signal if trouble is detected.(Allows operation down to 25°F (-4°C) from standard 40°F (4°C))	036 - 102				
CRSTATUS001A00	Fan/Filter Status Switch	036 - 102				
NRTIMEGD001A00	Time Guard II	036 - 102				
CRDISKIT001A00	2-Speed VFD display kit provides the field capability to set up points and troubleshooting codes on VFD controller.	All 2-speed controllers				
CRPHASE3001A02	Electronic Phase Monitor - All 208/230/460-3-60 models	036 - 102				
CRPHASE3002A00	Electronic Phase Monitor - All 575-3-60 models	036 - 102				
SPECIAL - 120 SIZE SPEC	IFIC ACCESSORIES					
CRDISBKT001A00	Disconnect Switch Bracket - Provides a pre engineered and sized mounting bracket for applications requiring a unit mounted fused diconnect of greater than 100 amps.	120				
CRDUCTCV001A00	Supply Duct Cover - This supply duct cover is required when field converting the factory standard vertical duct supply to horizontal duct supply configuration.	120				
LOUVERED HAIL GUARDS	S - CONDENSER COIL					
CRLVHLGD012A00	Louvered Condenser Coil Hail Guard	036				
CRLVHLGD013A00	Louvered Condenser Coil Hail Guard	048-060				
CRLVHLGD014A00	Louvered Condenser Coil Hail Guard	072				
CRLVHLGD016A00	Louvered Condenser Coil Hail Guard	90 - 102				
CRLVHLGD032A00	Louvered Condenser Coil Hail Guard	120	_			

² Available from FAST Parts.

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

RHS036-150 Accessories

Accessory Model Number	Description	Use With	Notes
CURBS			
CRRFCURB001A01	14" High Roof Curb. Ductwork attaches to the roof curb. Includes	036 - 072	
CRRFCURB003A01	thru-the-bottom capability.	090 - 120	
CRRFCURB002A01	24" High Roof Curb. Ductwork attaches to the roof curb. Includes	036 - 072	
CRRFCURB004A01	thru-the-bottom capability.	090 - 120	
CRRFCURB072A00	14" High Roof Curb. Ductwork attaches to the roof curb. Includes thru-the-bottom capability.	150	
CRRFCURB073A00	24" High Roof Curb. Ductwork attaches to the roof curb. Includes thru-the-bottom capability.	150	
CONOMIZERS			
DNECOMZR020A02	Vertical Economizer IV with solid-state controller, gear-driven, 3-	036 - 072	
DNECOMZR021A03	position modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor	090 - 120	
DNECOMZR062A00	compatible.	150	
CRECOMZR069A00 ^{1,2}	Ultra Low Leak ³ Vertical Economizer X with solid-state W7220 controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible, for use in electro mechanical controls only.	090 - 120	
CRECOMZR071A00 ^{1,2}	Ultra Low Leak ³ Vertical Economizer X with solid-state W7220 controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible, for use in electro mechanical controls only.	150	
DNECOMZR024A02	Horizontal Economizer IV with solid-state controller, gear-driven, 3-	036 - 072	
DNECOMZR025A02	position modulating damper, spring return actuator, up to 100%	090 - 120	
DNECOMZR064A00	barometric relief, supply and outdoor air sensors, and CO2 sensor compatible.	150	
Can only be used on electric	stallwith Economizer IV, manual damper, or motorized damper. It mechanical units with 2-stage cooling and 2-speed fan control. It available on vertical air flow configuration models.		
DNTEMPSN002A00	Outdoor or Return Dry Bulb Sensor used with Electro-Mechanical Control	Economizer IV	
DNCBDIOX005A00	CO2 Sensor for use in return airstream. Also includes Aspirator Box required for Duct Mounting.	Economizer IV & X	
DNENTDIF004A00	Return Air Enthalpy Sensor used with Electro-Mechanical controls, use with AX078ENT for differential enthalpy control	Economizer IV	
AXB078ENT	Economizer Differential Enthalpy Control Upgrade	Economizer IV	
HH57AC-081	Enthalpy control for W7220 controller only. (One required for single enthalpy, two required for differential enthalpy)	Economizer X	
CRTEMPSN005A00	Outdoor or Return Dry Bulb Sensor used with Honeywell W7220 Electro-Mechanical Control	Economizer X	
OTE: Supply air temperature	e sensor (SAT & low ambient lockout switch) provided with Economiz		
OWER EXHAUST			
DNPWREXH030A01	Vertical Power Exhaust 208/230 volt (1 or 3 Phase)	036 - 072	
DNPWREXH021A01	Vertical Power Exhaust 460 volt	036 - 072	
DNPWREXH022A01	Vertical Power Exhaust 208/230 volt (3 Phase)	090 - 120	

continued on next page

090 - 120

Vertical Power Exhaust 460 volt

DNPWREXH023A01

RHS036-150 (cont.)

Accessories

Accessory Model Number Description		Use With	
POWER EXHAUST (continu			
DNPWREXH080A00	Vertical Power Exhaust 208/230 & 575 volt	150	
DNPWREXH081A00	Vertical Power Exhaust 460 volt	150	
DNPWREXH028A01	Horizontal Power Exhaust 208/230 & 575 volt (1 or 3 Phase)	036 - 120	
DNPWREXH029A01	Horizontal Power Exhaust 460 volt	036 - 120	
DNPWREXH082A00	Horizontal Power Exhaust 208/230 & 575 volt	150	
DNPWREXH083A00	Horizontal Power Exhaust 460 volt	150	
575V TRANSFORMER			
1171494 ²	Transformer for conversion from 575v to 208/230v power exhaust applications.	036 - 150	
MANUAL OUTDOOR AIR DA			
CRMANDPR001A03	25% Open Manual Fresh Air Damper	036 - 072	
CRMANDPR001A02	50% Open Manual Fresh Air Damper	036 - 072	
CRMANDPR002A03	25% Open Manual Fresh Air Damper	090 - 120	
CRMANDPR002A02	50% Open Manual Fresh Air Damper	090 - 120	
CRMANDPR011A00	50% Open Manual Fresh Air Damper	150	
MOTORIZED OUTDOOR AIF		100	
CRTWOPOS010A00	2 position outdoor air damper (25-100% Outdoor Air)	036 - 072	
CRTWOPOS011A00	2 position outdoor air damper (25-100% Outdoor Air) 2 position outdoor air damper (25-100% Outdoor Air)	090 - 120	
CRTWOPOS014A00	2 position outdoor air damper (25-100% Outdoor Air) 2 position outdoor air damper (25-100% Outdoor Air)	150	
		150	
LOW AMBIENT CONTROLS		T T	
32LT900301 ¹	Motormaster I -20°F (-29°C) Low Ambient Control 208/230-1-60, 208/203-3-60	036 - 120	
32LT900611 ¹	Motormaster I -20°F (-29°C) Low Ambient Control 460-3-60, 575-3-60	036 - 120	
1178185 ²	Motormaster I Compatible Condenser Fan Motor 208/230-1-60, 208/203-3-60, 575-3-60	36	
1178186 ²	Motormaster I Compatible Condenser Fan Motor 460-3-60	36	
1171974 ²	Motormaster I Compatible Condenser Fan Motor 208/230-1-60, 208/203-3-60, 575-3-60	048 - 102	
1171975 ²	Motormaster I Compatible Condenser Fan Motor 460-3-60	048 - 102	
1171975		040 - 102	
CPLOWAMB001A00	Motormaster II 0°F (-17°C) Low Ambient Control 208/230-1, 208/230-3, 460-3-60	036 - 120	
CRLOWAMB030A00 ³		120 208/203-3-60	
CRLOWAMB031A00 ³	Motormaster V Low Ambient Kit. Mechanical cooling operation down to -20° F (- 29° C)	120 460-3-60	
CRLOWAMB032A00 ³		120 575-3-60	
CRLOWAMB039A00	Motormaster I Low Ambient Kit. Mechanical cooling operation down to -20° F (- 29° C). Kit includes 3 motors, MotorMaster controller, wiring label, and required wire ties and connectors. CRLWHPK001A00 also required.	150 208/230-3-60	
CRLOWAMB040A00	Motormaster I Low Ambient Kit. Mechanical cooling operation down to -20° F (- 29° C). Kit includes 3 motors, MotorMaster controller, wiring label, and required wire ties and connectors) 575 Volt models also require CRTRXKIT002A00. CRLWHPK001A00 also required	150 460-3-60 575-3-60	
CRLWHPKT001A00	Low Ambient Heat Pump Relay Kit - This kit provides the necessary relay and hardware required for heat pump duty MotorMaster I operation. (Includes relay and relay base.)	All 150 sizes	
CRTRXKIT002A00	Motormaster I Low Ambient Control - Transformer Kit. Must use in conjunction with CRLOWAMB040A00 if used on 575-3-60 volt models.	150 575-3-60	

Accessories

Accessory Model Number	Description	Use With	Notes				
THROUGH-THE-BOTTOM/C	THROUGH-THE-BOTTOM/CURB POWER CONNECTION						
CRBTMPWR001A01	Thru-the-bottom electrical connections and thru-the-curb gas	036 - 072					
CRBTMPWR002A01	connections	090 - 120					
CRBTMPWR003A01	Thru-the bottom power, control and gas conntections	036 - 072					
CRBTMPWR004A01	Third-the bottom power, control and gas confidentions	090 - 120					
CRBTMPWR005A00		150					
CRBTMPWR006A00	Thru-the bottom power, control and gas conntections	150	·				
CRBTMPWR007A00		150					

^{*}See usage tables in kit instructions.

³ No motor change is required on these specific models

10 motor change is required on these specific models				
CONTROL UPGRADE KITS				
	Electronic phase monitor breaks "R" control signal if trouble is			
DNWINSTR001A00	detected.(Allows operation down to 25°F (-4°C) from standard	036 - 180		
	40°F (4°C))			
CRSTATUS001A00	Fan/Filter Status Switch	036 - 150		
NRTIMEGD001A00	Time Guard II	036 - 150		
CRSDTEST001A00 ²	Remote keyed attenuator / test / reset station	036 - 150		
CRPHASE3001A02	Electronic Phase Monitor - All 208/230/460-3-60 models	036 - 150		
CRPHASE3002A02	Electronic Phase Monitor - All 575-3-60 models	036 - 150		
HAIL GUARDS				
CRLVHLGD011A00	Louvered Condenser Coil Hail Guard	036		
CRLVHLGD012A00	Louvered Condenser Coil Hail Guard	048		
CRLVHLGD023A00	Louvered Condenser Coil Hail Guard	060		
CRLVHLGD013A00	Louvered Condenser Coil Hail Guard	072		
CRLVHLGD004A00	Louvered Condenser Coil Hail Guard	090 - 120		
CRLVHLGD024A00	Louvered Condenser Coil Hail Guard	150		
RHS150 Specific Accessor	ies			
CRDISBKT001A00	Disconnect Switch Bracket	150		
CRDUCTCV001A00	Supply Duct Cover	150	•	

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

¹ Requires motor change out.

² Available from FAST Parts.

RHS181-243 Accessories

Accessory Model Number	Description	Use With	Notes
FLAT ROOF CURBS*			
CRRFCURB045A00	14" High Roof Curb	181 - 213	
CRRFCURB047A00	14" High Roof Curb	240 - 243	
CRRFCURB046A00	24" High Roof Curb	181 - 213	
CRRFCURB048A00	24" High Roof Curb	240 - 243	
* Includes thru-the-bottom ca	apability		
ECONOMIZERS IV			
DNECOMZR052A00	Vertical and Horizontal Economizer IV with solid-state controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible.	181-243	
NOTE: Barometric relief mus	st be installed in return ductwork on horizontal configured mode	ls (182, 243)	
ECONOMIZERS X			
CRECOMZR074A00 ^{1,2}	Ultra Low Leak ³ Vertical and Horizontal Economizer X with solid-state controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and	210/213 - 240/243	
	outdoor air sensors, and CO2 sensor compatible.	240/243	
¹ Economizer X cannot be in	nstall with Economizer IV, manual damper, or motorized damper	r.	
	icl mechanical units with 2-stage cooling and 2-speed fan contr		
ECONOMIZER SENSORS			
DNTEMPSN002A00	Outdoor or Return Dry Bulb Sensor used with Electro- Mechanical Control	Economizer IV	
DNCBDIOX005A00	CO2 Sensor for use in return airstream. Also includes Aspirator Box required for Duct Mounting.	Economizer IV & X	
DNENTDIF004A00	Return Air Enthalpy Sensor used with Electro-Mechanical controls, use with AX078ENT for differential enthalpy control	Economizer IV	
AXB078ENT	Economizer Differential Enthalpy Control Upgrade	Economizer IV	
HH57AC-081	Enthalpy control for W7220 controller only. (One required for single enthalpy, two required for differential enthalpy)	Economizer X	
CRTEMPSN005A00	Outdoor or Return Dry Bulb Sensor used with Honeywell W7220 Electro-Mechanical Control	Economizer X	
NOTE: Supply air temperatu	ire sensor (SAT & low ambient lockout switch) provided with Ec	onomizer IV & X	
BAROMETRIC RELIEF HO			
CRBARHOD001A00	For horizontal economizer applications where relief damper is installed in duct work, this kit provides needed protection	183 & 243	
POWER EXHAUST*			
CRPWREXH068A00	Vertical and Horizontal, 208/230-3-60	181-243	
CRPWREXH069A00	Vertical and Horizontal, 460-3-60	181-243	
CRPWREXH070A00	Vertical and Horizontal, 575-3-60	181-243	
* When power exhaust is used	on horizontal applications, it must be field mounted to the side of the re		
MANUAL OUTDOOR AIR			
CRMANDPR009A00	25% Open Manual Fresh Air Damper	181 - 243	
MOTORIZED OUTDOOR A			
CRTWOPOS012A00	Motorized 2 position outdoor air damper	181 - 243	
LOW AMBIENT CONTROL	· · · · · · · · · · · · · · · · · · ·		
CRLOWAMB041A00	Motormaster I -20°F (-29°C) Low Ambient Control 208/230-3-60	181-243	
	100	continued on nex	rt nage

RHS181-243 Accessories

Accessory Model Number	Description	Use With	Notes		
LOW AMBIENT CONTROLS (continued)					
CRLOWAMB042A00	Motormaster I -20°F (-29°C) Low Ambient Control 460-3-60, 575-3-60	181-243			
CRTRXKIT001A00	Motormaster I -20°F (-29°C)Transformer 575-3-60 ¹	181-243			
¹ Must use in conjunction with C	RLOWAMB028A00 if used on 575-3-60 models.				
CONTROL UPGRADE KITS					
NRTIMEGD001A00	Time Guard II	181-243			
CRSDTEST001A00	Smoke detector remote Test/Reset/Alarm indicator kit	181-243			
CRPHASE3001A02	Electronic Phase Monitor - All 208/230/460-3-60 models	181-243			
CRPHASE3002A00	Electronic Phase Monitor - All 575-3-60 models	181-243			
CRSTATUS005A00	Fan/filter Status Switch - Indicator light not included	181-243			
CRSMKSEN002A00	Smoke Detector Control Module	181-243			
CRSMKKIT002A00	Smoke Detector Control Module (Smoke Detector Sensor with sampling tube & exhaust tube)	181-243			
4 FILTER TRACK UPGRAD	E KIT				
CRFLTTRK001A00	4 Field Conversion Kit	181-243			
HAIL GUARDS					
CRLVHLGD017A00	Louvered Condenser Coil Hail Guard	181/183			
CRLVHLGD018A00	Louvered Condenser Coil Hail Guard	240/243			

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

RAH/RHH Accessories

ELECTRIC HEATERS & SINGLE POINT CONNECTIONS

RAH036-150				
Model Number	Voltage	Nom. Power (kW)	Used With	Notes
CRHEATER101A00	208/230	4.4	036, 048	
CRHEATER102A00	208/230	6.5	036, 048, 060	
CRHEATER103B00	208/230	8.7	036, 048, 060	
CRHEATER104B00	208/230	10.5	036, 048, 060	
CRHEATER105A00	208/230	16.0	036, 048, 060	
CRHEATER106A00	460	6.0	036, 048, 060	
CRHEATER107A00	460	8.8	036	
CRHEATER108A00	460	11.5	036, 048, 060	
CRHEATER109A00	460	14.0	036, 048, 060	
CRHEATER110A00	208/230	16.0	072, 090, 102, 120	
CRHEATER111A00	208/230	24.8	090, 102	
CRHEATER112A00	208/230	32.0	090, 102, 120	
CRHEATER113A00	460	16.5	090, 102, 120	
CRHEATER114A00	460	27.8	090, 102, 120	
CRHEATER115A00	460	33.0	090, 102, 120	
CRHEATER116A00	460	13.9	090, 102, 120	
CRHEATER117A00	208/230	10.4	072, 090, 102, 120	
CRHEATER117A00 CRHEATER118A00	575	17.0	090, 102, 120	
			, ,	
CRHEATER119A00	575	34.0	090, 102, 120	
CRHEATER264A00	208/230	6.5	072	
CRHEATER265A00	460	6.0	072	
CRHEATER266A00	460	11.5	072	
CRHEATER267A00	460	14.0	072	
CRHEATER268A00	460	23.0	072	
CRHEATER269A00	460	25.5	072	
CRHEATER288A00	208/230	10.0	150	
CRHEATER289A00	460	10.0	150	
CRHEATER290A00	575	10.0	150	
CRHEATER291A00	208/230	16.5	150	
CRHEATER292A00	460	16.5	150	
CRHEATER293A00	575	16.5	150	
CRHEATER294A00	208/230	33.5	150	
CRHEATER295A00	460	33.5	150	
CRHEATER296A00	575	33.5	150	
RHH036-120				
Model Number	Voltage	Nom. Power (kW)	Used With	Notes
CRHEATER101A00	208/230	4.4	036, 048	
CRHEATER102A00	208/230	6.5	036, 048, 060	
CRHEATER103B00	208/230	8.7	036, 048, 060	
CRHEATER104B00	208/230	10.5	036, 048, 060	
CRHEATER105A00	208/230	16.0	036, 048, 060	
CRHEATER106A00	460	6.0	036, 048, 060	
CRHEATER107A00	460	8.8	036	
CRHEATER108A00	460	11.5	036, 048, 060	
CRHEATER109A00	460	14.0	036, 048, 060	
CRHEATER110A00	208/230	16.0	072, 090, 102	
CRHEATER111A00	208/230	24.8	090, 102	
CRHEATER112A00	208/230	32.0	090, 102	
CRHEATER113A00	460	16.5	090, 102	
CRHEATER114A00	460	27.8	090, 102	
CRHEATER115A00	460	33.0	090, 102	
	•		· , · - -	

RAH/RHH (cont.)

Accessories

ELECTRIC HEATERS & SINGLE POINT CONNECTIONS

RHH036-120 (cont.)				
Model Number	Voltage	Nom. Power (kW)	Used With	Notes
CRHEATER116A00	460	13.9	090, 102	
CRHEATER117A00	208/230	10.4	072, 090, 102	
CRHEATER118A00	575	17.0	090, 102	
CRHEATER119A00	575	34.0	090, 102	
CRHEATER264A00	208/230	6.5	072	
CRHEATER265A00	460	6.0	072	
CRHEATER266A00	460	11.5	072	
CRHEATER267A00	460	14.0	072	
CRHEATER268A00	460	23.0	072	
CRHEATER269A00	460	25.5	072	
CRHEATER288A00	208/230	10.0	120	
CRHEATER289A00	460	10.0	120	
CRHEATER290A00	575	10.0	120	
CRHEATER291A00	208/230	16.5	120	
CRHEATER292A00	460	16.5	120	
CRHEATER293A00	575	16.5	120	
CRHEATER294A00	208/230	33.5	120	
CRHEATER295A00	460	33.5	120	
CRHEATER296A00	575	33.5	120	
RAH181-303				
			Used With Horizontal Duct	
Model Number	Voltage	Nom. Power (kW)	Configeration	Notes
CRHEATER270A00	208/230	25.0	183, 213, 243, 303	
CRHEATER271A00	208/230	50.0	183, 213, 243, 303	
CRHEATER272A00	208/230	75.0	183, 213, 243, 303	
CRHEATER273A00	460	25.0	183, 213, 243, 303	
CRHEATER274A00	460	50.0	183, 213, 243, 303	
CRHEATER275A00	460	75.0	183, 213, 243, 303	
CRHEATER276A00	575	24.8	183, 213, 243, 303	
CRHEATER277A00	575	49.6	183, 213, 243, 303	
CRHEATER278A00	575	74.4	183, 213, 243, 303	
			Used With Vertical Duct	
Model Number	Voltage	Nom. Power (kW)	Configeration	Notes
CRHEATER279A00	208/230	25.0	181, 210, 240 300	
CRHEATER280A00	208/230	50.0	181, 210, 240 300	
CRHEATER281A00	208/230	75.0	181, 210, 240 300	
CRHEATER282A00	460	25.0	181, 210, 240 300	
CRHEATER283A00	460	50.0	181, 210, 240 300	
CRHEATER284A00	460	75.0	181, 210, 240 300	
CRHEATER285A00	575	24.8	181, 210, 240 300	
CRHEATER286A00	575	49.6	181, 210, 240 300	
CRHEATER287A00		74.4	181, 210, 240 300	

RAH/RHH (cont.)

Accessories

ELECTRIC HEATERS & SINGLE POINT CONNECTIONS

SINGLE POINT CONNECTION				
RAH Models	Notes			
CRSINGLE037A00				
CRSINGLE038A00				
CRSINGLE040A00				
CRSINGLE042A00				
CRSINGLE043A00				
CRSINGLE047A00				
CRSINGLE049A00				
CRSINGLE050A00				
CRSINGLE051A00				
SINGLE POINT CONNECT	ION (Cont.)			
RHH Models	Notes			
CRSINGLE037A00				
CRSINGLE038A00				
CRSINGLE039A00				
CRSINGLE040A00				
CRSINGLE041A00				
CRSINGLE042A00				
CRSINGLE043A00				
CRSINGLE045A00				
CRSINGLE047A00				
CRSINGLE049A00				
CRSINGLE050A00				
CRSINGLE051A00				
CRSINGLE052A00				
CRSINGLE053A00				
RAH181-303 Models	Notes			
CRSINGLE056A00				
CRSINGLE057A00				

REFER TO PRODUCT SPECIFICATIONS FOR ELECTRIC HEATER USAGE, kW, AND EXACT ACCESSORY MATCH.

RAS/RHS Accessories

ELECTRIC HEATERS & SINGLE POINT CONNECTIONS

RAS036-150, RHS036-1	120			
·		Nom. Power		
Model Number	Voltage	(kW)	Used With	Notes
CRHEATER101A00	208/230	4.4	036, 048, 060, 072	
CRHEATER102A00	208/230	6.5	036, 048, 060, 072	
CRHEATER103B00	208/230	8.7	036, 048, 060	
CRHEATER104B00	208/230	10.5	036, 048, 060, 072	
CRHEATER105A00	208/230	16.0	036, 048, 060, 072	
CRHEATER106A00	460	6.0	036, 048, 060, 072	
CRHEATER107A00	460	8.8	036	
CRHEATER108A00	460	11.5	036, 048, 060, 072	
CRHEATER109A00	460	14.0	036, 048, 060, 072	
CRHEATER110A00	208/230	16.0	090, 091, 101, 120, 121, 150	
CRHEATER111A00	208/230	24.8	090, 091, 101, 121	
CRHEATER112A00	208/230	32.0	090, 091, 101, 121	
CRHEATER113A00	460	16.5	090, 091, 101, 120, 121, 150	
	460	27.8		
CRHEATER114A00			090, 091, 101, 120, 121, 150	
CRHEATER115A00	460	33.0	090, 091, 101, 120, 121, 150	
CRHEATER116A00	460	13.9	090, 091, 101, 120, 121, 150	
CRHEATER117A00	208/230	10.4	090, 091, 101, 120, 121, 150	
CRHEATER118A00	575	17.0	090, 091, 101, 120, 121, 150	
CRHEATER119A00	575	34.0	090, 091, 101, 120, 121, 150	
RAS180, RHS150				
Model Number	Voltage	(kW)	Used With	Notes
CRHEATER288A00	208/230	26.5	180	
CRHEATER289A00	460	26.5	180	
CRHEATER290A00	575	26.5	180	
CRHEATER291A00	208/230	16.5	180	
CRHEATER292A00	460	16.5	180	
CRHEATER293A00	575	16.5	180	
CRHEATER294A00	208/230	33.5	180	
CRHEATER295A00	460	33.5	180	
CRHEATER296A00	575	33.5	180	
RAS210-303, RHS181-2	243			
			Used With Horizontal Duct	
Model Number	Voltage	(kW)	Configuration	Notes
CRHEATER270A00	208/230	25.0	183, 213, 243, 303	
CRHEATER271A00	208/230	50.0	183, 213, 243, 303	
CRHEATER272A00	208/230	75.0	183, 213, 243, 303	
CRHEATER273A00	460	25.0	183, 213, 243, 303	
CRHEATER274A00	460	50.0	183, 213, 243, 303	
CRHEATER275A00	460	75.0	183, 213, 243, 303	
CRHEATER276A00	575	24.8	183, 213, 243, 303	
CRHEATER277A00	575	49.6	183, 213, 243, 303	
CRHEATER278A00	575	74.4	183, 213, 243, 303	
Model Number	Voltage	(kW)	Used With Vertical Duct Configuration	Notes
CRHEATER279A00	208/230	25.0	181, 210, 240 300	
CRHEATER280A00	208/230	50.0	181, 210, 240 300	
CRHEATER281A00	208/230	75.0	181, 210, 240 300	
CRHEATER282A00	460	25.0	181, 210, 240 300	
CRHEATER283A00	460	50.0	181, 210, 240 300	
CRHEATER284A00	460	75.0	181, 210, 240 300	
CRHEATER285A00	575	24.8	181, 210, 240 300	
CRHEATER286A00	575	49.6	181, 210, 240 300	
CRHEATER287A00	575	74.4	181, 210, 240 300	
			- , -,	

NOTE: RAS181 and RAS183 no longer available

RAS / RHS (cont.)

ELECTRIC HEATERS & SINGLE POINT CONNECTIONS

SINGLE POINT CONNECTION	
RAS036-180 Models	Notes
CRSINGLE037A00	
CRSINGLE038A00	
CRSINGLE040A00	
CRSINGLE042A00	
CRSINGLE043A00	
CRSINGLE044A00	
CRSINGLE045A00	
CRSINGLE047A00	
CRSINGLE049A00	
CRSINGLE050A00	
CRSINGLE051A00	
CRSINGLE053A00	
RHS036-150 Models	Notes
CRSINGLE037A00	
CRSINGLE038A00	
CRSINGLE039A00	
CRSINGLE040A00	
CRSINGLE041A00	
CRSINGLE047A00	
CRSINGLE049A00	
CRSINGLE050A00	
CRSINGLE051A00	
CRSINGLE052A00	
CRSINGLE053A00	
CRSINGLE054A00	
RAS181-303 Models	Notes
CRSINGLE056A00	
RHS181-243 Models	Notes
CRSINGLE056A00	
CRSINGLE057A00	

REFER TO PRODUCT SPECIFICATIONS FOR ELECTRIC HEATER USAGE, kW, AND EXACT ACCESSORY MATCH.