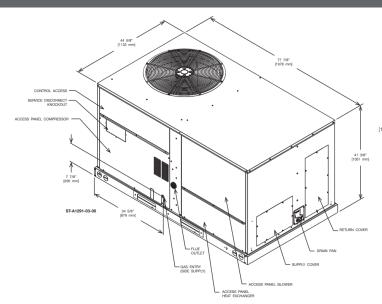
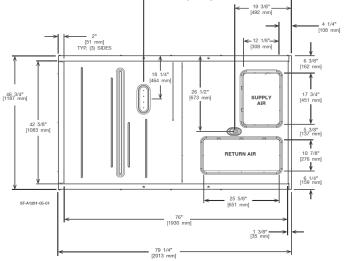
Renaissance[™] Commercial F-Series[™] RHPCYB Packaged Heat Pumps | 3 to 6 Tons

Standard Features

- Convertible Airflow
- MicroChannel evaporator and condenser coils
- ServiceSmart features
 - Qwik-Change Flex-Fit Rack™ •
 - Qwik-Slide Blower Assembly™ •
 - Qwik-Clean Drain Pan™ •
- 3-5 Ton includes one single-stage compressor
- 6 Ton includes one two-stage compressor
- Designed for A2L refrigerant R-454B

Specifications and Diagrams





50 1/4"

Specification	Unit	RHPCYB036	RHPCYB048	RHPCYB060	RHPCYB072
Gross Cooling Capacity	Btu/h [kW]	35,100 [10.29]	47,000 [13.77]	59,200 [17.35]	70,400 [20.63]
Heating Capacity @ 47°F	Btu/h [kW]	34,200 [10.02]	45,500 [13.34]	57,000 [16.71]	66,500 [20.08]
Net Cooling Capacity	Btu/h [kW]	34,200 [10.02]	45,500 [13.34]	57,000 [16.71]	68,500 [20.08]
Net Sensible Capacity	Btu/h [kW]	25,600 [7.5]	34,200 [10.02]	43,000 [12.6]	51,500 [15.09]
Net Latent Capacity	Btu/h [kW]	8,600 [2.52]	11,300 [3.31]	14,000 [4.1]	17,000 [4.98]
EER2 (EER)		10.6	10.6	10.6	(11.2)
SEER2 (IEER)		13.4	13.4	13.4	(14.6)
HSPF2	Btu/Watt-hr	6.7	6.7	6.7	NA
COP @ 47°F / 17°F		3.80 / 2.50	3.40 / 2.20	3.80 / 2.30	3.30 / 2.50
Stages of Heating / Cooling		2 / 1	2/1	2 / 1	2/2
Nominal Airflow	CFM [L/s]	1,200 [566]	1,600 [755]	2,000 [944]	2,400 [1,133]
Indoor Airflow	CFM [L/s]	1,175 [555]	1,570 [741]	1,825 [861]	2,400 [1133]
Estimated Net Weight	lbs. [kg]	532 [232]	559 [244]	562 [245]	583 [264]
Estimated Shipping Weight	lbs. [kg]	570 [249]	597 [260]	600 [262]	621 [282]

Preliminary information based on preliminary estimates. Not a representation of energy use or efficiency of these models.

Commercial Air Capacities

Tons

FRIEDRICH

3, 4, 5, 6

Power Options V, PH 208-230 V, 1 PH 208-230 V, 3 PH 460 V, 3 PH

Information provided for pre-sale only. Products will not be produced or shipped until ratings are certified to the Department of Energy.

In keeping with its policy of continuous progress & program improvement, Friedrich reserves the right to make changes without notice. © 2024 Rheem Manufacturing Company, all rights reserved. Friedrich trademarks are owned by Friedrich Air Conditioning LLC. Comfort Alert is a registered trademark owned by Copeland LP. All other trademarks owned by Rheem Manufacturing Company or its affiliates. • 01/24 • Form No. MFR-1130

Renaissance[™] Commercial F-Series[™] | Packaged Heat Pumps

Model Number	<u>R HP (</u>		<u>C</u>	<u>Y B 036</u>		<u>036</u>	<u>A C T</u>	Ι	<u>T 10</u>		<u>2 A /</u>		***			
Nomenclature	1	23	4	5	6	789	10	11	12	13 14	15	16	17	18	19	20
1 - Brand R = Friedrich						00 = N	lo Heat	Capacity	16 - Control A = Core Command [™] (Non-Communicating)							
2, 3 - Unit Type HP = Packaged HP	7, 8, 9 - 036 = 3 048 = 4		ty) V, 3 P	(, 3 PH, 60 H, 60Hz	OHz	10 = 1 15 = 1 20 = 2	5 kW		C = C	Core Cor Clear Co Clear Co	ntrol™ (D	DC)		
4 - Cabinet Type C = Small Commercial	040 = 4 060 = 5 072 = 6	Ton			ect Driv	e Standar Je	d Static			nfiguration	۰. ۸ -	Minor S st Desig				
5 - Refrigerant Y = R-454B	10 - Ma A = 1st	ajor Serie Design	es	U = Dir Consta		e High St ue	atic	0 = No Heat 1 = 1 Stage 2 = 2 Stages		18, 19, 20 - Option Code AA0						

18					19		20					
LV = Louver Protection HA = Hinged Access CC = Coil Coating				n-Powered Con / Ambient & Free	EC = Economizer SS = Supply & Return Smoke Detector RS = Return Smoke Dectector							
Option Code Character Highlighted												
Α	None			Α	No	0	None					
В	LV			В	LF	1	EC					
С	HA			C NP 2 RS								
D	LV	HA		D LF NP		3	EC	RS				
E	LV	CC					4	SS	RS			
F	LV	HA	CC				5	EC	SS	RS		

Not all model/option combinations are available. Refer to the product specifications sheet or rapidspec.com for specific details.

Accessories

Note: Factory installation available for highlighted models.

Accessory	Model Number	Accessory	Model Number	Accessory	Model Number
Comfort Alert (1 Phase) DDC	RXRX-AZ03	Fresh Air Damper, Motorized	RXRF-ACB1		RXJJ-DC10JT
Comfort Alert (1 Phase) Non-DDC	RXRX-AZ04	Fresh Air Damper, Motorized (DDC)	RXRF-ACC1		RXJJ-DC15JT
Comfort Alert (3 Phase) DDC	RXRX-AZ01	Low-Ambient Control Kit	RXRZ-A04		RXJJ-DC20JT
Comfort Alert (3 Phase) Non-DDC	RXRX-AZ02	MERV 13 Filter	RXMF-M13A21616		RXJJ-DC10CP
Communication Card, BACnet	RXRX-AY01	MERV 8 Filter	RXMF-M08A21616	Electric	RXJJ-DC15CP
Communication Card, LonWorks	RXRX-AY02	Outdoor Coil Louver Kit	RXRX-ADD04C	Heater	RXJJ-DC20CP
Concentric Adapter 3-4 Ton Drop	RXMC-DC01	Power Exhaust		Kits	RXJJ-DC24CP
Concentric Adapter 5-6 Ton Drop	RXMC-DC02	(230V) Vertical	RXRX-CCF02C		RXJJ-DC10DNV
Concentric Diffuser 3-4 Ton Drop	RXRN-AED1800	(460V) Vertical	RXRX-CCF02D		RXJJ-DC15DNV
Concentric Diffuser 3-4 Ton Flush	RXRN-AEF1800	(230V) Horizontal	RXRX-CCF03C		RXJJ-DC20DNV
Concentric Diffuser 5-6 Ton Drop	RXRN-AED2000	(460V) Horizontal	RXRX-CCF03D		RXJJ-DC24DNV
Concentric Diffuser 5-6 Ton Flush	RXRN-AEF2000	(230V) Vertical RRS	RXRX-RCF02C		
Convenience Outlet, Non-powered	RXRX-BN01	(460V) Vertical RRS	RXRX-RCF02D		
Dual Enthalpy Kit, Honeywell	RXRX-BV01	(230V) Horizontal RRS	RXRX-RCF03C		
Dual Enthalpy Kit DDC, Honeywell	RXRX-BV02	(460V) Horizontal RRS	RXRX-RCF03D		
Dual Enthalpy Optional Sensor, Siemens	PD555460	Return Smoke Detector (Field kit)	RXRX-BS01		
Dual Enthalpy Optional Sensor, RRS Basic	PD555463	Return/ Supply Smoke Detector (Field kit)	RXRX-BS02		
Economizer w/ Single Enthalpy	·	Roofcurb Adapter	RXRX-DCCAE		
(Downflow/Vertical) Honeywell RXRD-01MCDAM3		Roofcurb, 14"	RXKG-DCC14		
(Horizontal) Honeywell	RXRD-01MCHAM3	Roofcurb, 24"	RXKG-DCC24		
(Downflow/Vertical) DDC, Honeywell	RXRD-01MCDBM3	Room Humidity Sensor	RHC-ZNS4		
(Horizontal) DDC, Honeywell	RXRD-01MCH-BM3	Room Temperature and Relative	RHC-ZNS5		
(Downflow/Vertical) Siemens	RXRD-11MCDAM3	Humidity Sensor	hi 10-21100		
(Horizontal) Siemens	RXRD-11MCHAM3	Wall Mounted Carbon Dioxide Sensor	RXRX-AR02		
(Downflow/Vertical) RRS Basic	RXRD-41MCDAM3	Unfused Service Disconnect	RXRX-BP01		
(Horizontal) RRS Basic	RXRD-41MCHAM3	UV-C Light Kit for 208/230V	RXRX-UVC22C		ided for pre-sale
(Downflow/Vertical) No Controls RXRD-31MCDAM3		UV-C Transformer Kit for 460V/230V	RXRX-UVCTC	purposes only. Products will n	
Freeze Stat Kit	RXRX-AM05	Single Point Wiring Kits, Single Phase	RXJX-AJ0601	produced or shi	oped until ratings are
Fresh Air Damper, Manual	RXRF-ACA1	Single Point Wiring Kits, Three Phase	RXJX-AZ0601	certified with the	Department of Ener