

Renaissance™ Commercial F-Series™

RGECYB Packaged G/E Units | 3 to 6 Tons



FRIEDRICH
Commercial Air

Standard Features

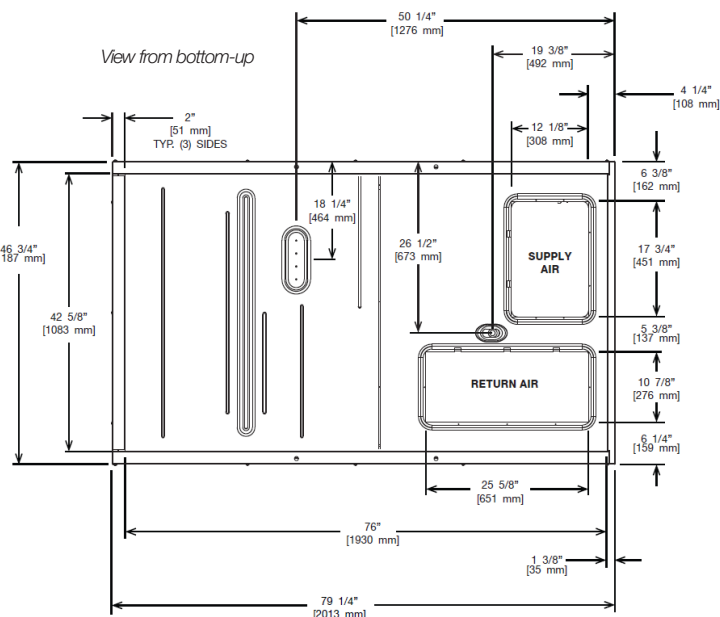
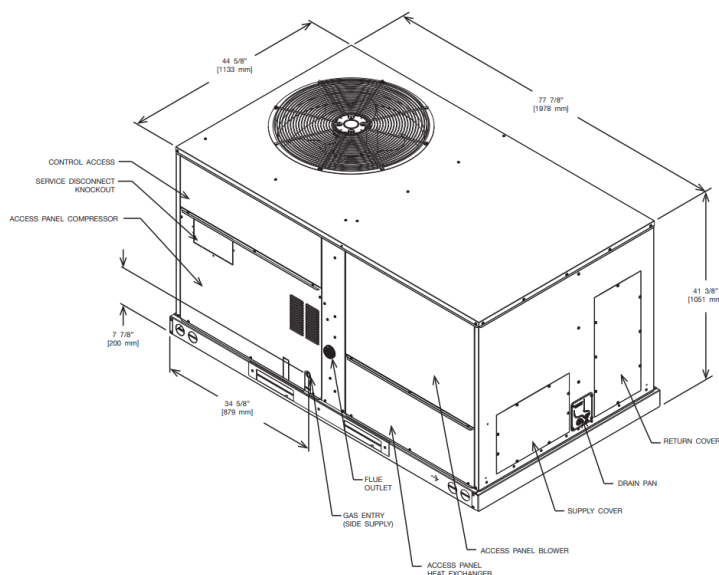
- Field-convertible Airflow
- MicroChannel evaporator and condenser coils
- PlusOne® ServiceSmart features
 - Qwik-Change Flex-Fit Rack
 - Qwik-Slide Blower Assembly
 - Qwik-Clean Drain Pan
- 3-5 Ton includes one single-stage compressor
- 6 Ton includes one two-stage compressor
- Designed for A2L refrigerant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

Capacities 3, 4, 5, 6
Tons

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

Information provided for pre-sale only.
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shipped until ratings are certified to the
Department of Energy.

Diagrams and Preliminary Information



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

Unit		RGECYB036	RGECYB048	RGECYB060	RGECYB072
Gross Cooling Capacity	Btu/h [kW]	35,600 [10.43]	47,200 [13.83]	61,000 [17.87]	72,000 [21.10]
Net Cooling Capacity	Btu/h [kW]	34,200 [10.02]	45,500 [13.33]	57,000 [16.71]	68,500 [20.10]
Net Sensible Capacity	Btu/h [kW]	24,000 [7.03]	31,800 [9.33]	39,500 [11.58]	48,000 [14.07]
Net Latent Capacity	Btu/h [kW]	10,200 [2.99]	13,700 [4.02]	17,500 [5.13]	20,500 [6.01]
EER2 (EER)		10.6	10.6	10.6	(11.2)
SEER2 (IEER)		13.4	13.4	13.4	(14.6)
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 CFM	CFM [L/s]	1,175 [555]	1,570 [741]	1,825 [861]	2,400 [1,133]
Estimated Net Weight	lbs. [kg]	557 [253]	580 [263]	583 [264]	582 [264]
Estimated Shipping Weight	lbs. [kg]	595 [270]	618 [280]	621 [282]	620 [281]

Renaissance™ Commercial F-Series™ | Packaged G/E

Model Number	<u>R</u>	<u>GE</u>	<u>C</u>	<u>Y</u>	<u>B</u>	<u>036</u>	<u>A</u>	<u>C</u>	<u>I</u>	<u>10</u>	<u>2</u>	<u>A</u>	<u>A</u>	<u>***</u>		
Nomenclature	1	23	4	5	6	789	10	11	12	13 14	15	16	17	18	19	20
1 - Brand R = Friedrich	6 - Efficiency Level B = Standard Efficiency C = High Efficiency			11 - Voltage J = 208-230 V, 1 PH, 60 Hz C = 208-230 V, 3 PH, 60 Hz D = 460 V, 3 PH, 60 Hz Y = 575 V, 3 PH, 60 Hz			13, 14 - Heat Capacity 07 = 75,000 Btu/h 10 = 100,000 Btu/h 12 = 125,000 Btu/h			16 - Control A = Core Command™ (Non-Communicating) B = Core Command™ with Phase Monitor C = Clear Control™ (DDC) D = Clear Control™ (DDC) & Comfort Alert®						
2, 3 - Unit Type GE = Packaged Gas/Electric	7,8,9 - Capacity 036 = 3 Ton 048 = 4 Ton 060 = 5 Ton 072 = 6 Ton			12 - Drive T = Direct Drive Standard Static Constant Torque U = Direct Drive High Static Constant Torque			15 - Heat Configuration 2 = 2 Stage B = 2 Stage Stainless			17 - Minor Series A = 1st Design						
4 - Cabinet Type C = Small Commercial	10 - Major Series A = 1st Design									18, 19, 20 - Option Code AA0						
5 - Refrigerant Y = R-454B																

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

18					19				20			
LV = Louver Protection RH = Reheat HA = Hinged Access CC= Condenser Coil Coating					DC = Disconnect Switch NP = Non-Powered Convenience Outlet LF = Low Ambient & Freeze Stat				EC = Economizer SS = Supply & Return Smoke RS = Return Smoke			
Option Code Character Highlighted												
A	None				A	None			0	None		
B	LV				B	LF			1	EC		
C	HA				C	NP			2	RS		
D	LV	HA			D	LF	NP		3	EC	RS	
E	LV	CC			E	DC			4	SS	RS	
F	LV	HA	CC		F	LF	DC		5	EC	SS	RS
N	RH				H	NP	DC					
P	LV	RH			K	LF	NP	DC				
Q	RH	HA										
R	LV	RH	CC									
S	LV	RH	HA									
T	LV	RH	HA	CC								
T	LV	RH	HA	CC								

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	Flue Diverter (75K, 100K, & 120K)	RXRX-DEG03
Comfort Alert (1 Phase) Non-DDC	RXRX-AZ04	Fresh Air Damper, Motorized (DDC)	RXRF-ACC1	LP Kit (100K)	RXGJ-FP41
Comfort Alert (3 Phase) DDC	RXRX-AZ01	Low-Ambient Control Kit	RXRZ-A04	LP Kit (75K, 120K)	RXGJ-FP40
Comfort Alert (3 Phase) Non-DDC	RXRX-AZ02	MERV 13 Filter	RXMF-M13A21616		
Communication Card, BACnet	RXRX-AY01	MERV 8 Filter	RXMF-M08A21616		
Communication Card, LonWorks	RXRX-AY02	Outdoor Coil Louver Kit	RXRX-ADD04C		
Concentric Adapter 3-4 Ton Drop	RXMC-DC01	Power Exhaust			
Concentric Adapter 5-6 Ton Drop	RXMC-DC02	(230V) Vertical	RXRX-CCF02C		
Concentric Diffuser 3-4 Ton Drop	RXRN-AED1800	(460V) Vertical	RXRX-CCF02D		
Concentric Diffuser 3-4 Ton Flush	RXRN-AEF1800	(230V) Horizontal	RXRX-CCF03C		
Concentric Diffuser 5-6 Ton Drop	RXRN-AED2000	(460V) Horizontal	RXRX-CCF03D		
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 Humidity Sensor	RHC-ZNS5		
(Downflow/Vertical) Siemens	RXRD-11MCDAM3	Wall Mounted Carbon Dioxide Sensor	RXRX-AR02		
(Horizontal) Siemens	RXRD-11MCHAM3	Unfused Service Disconnect	RXRX-BP01		
(Downflow/Vertical) RRS Basic	RXRD-41MCDAM3	UV-C Light Kit for 208/230V	RXRX-UVCC2C		
(Horizontal) RRS Basic	RXRD-41MCHAM3	UV-C Transformer Kit for 460V/230V	RXRX-UVCTC		
(Downflow/Vertical) No Controls	RXRD-31MCDAM3	Single Point Wiring Kits, Single Phase	RXJX-AJ0601		
Freeze Stat Kit	RXRX-AM05	Single Point Wiring Kits, Three Phase	RXJX-AZ0601		
Fresh Air Damper, Manual	RXRF-ACA1				

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