



RGEHYB Packaged G/E Units | 15 to 25 Tons

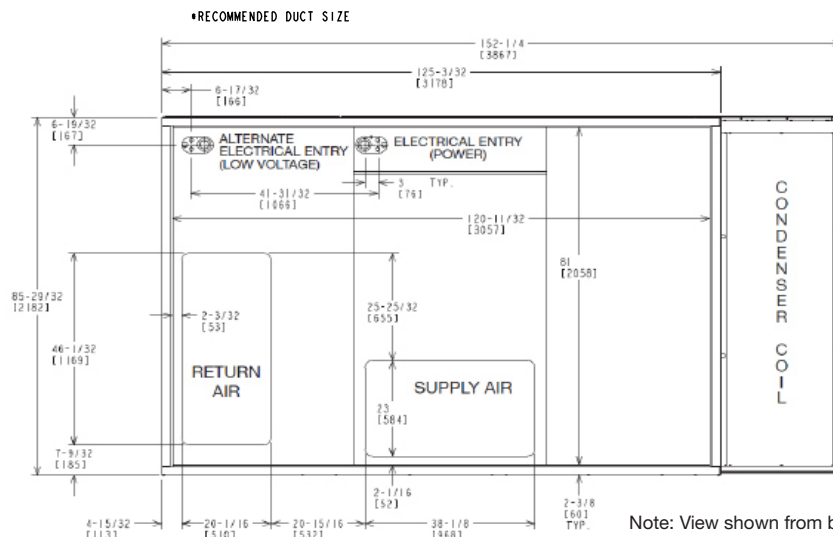
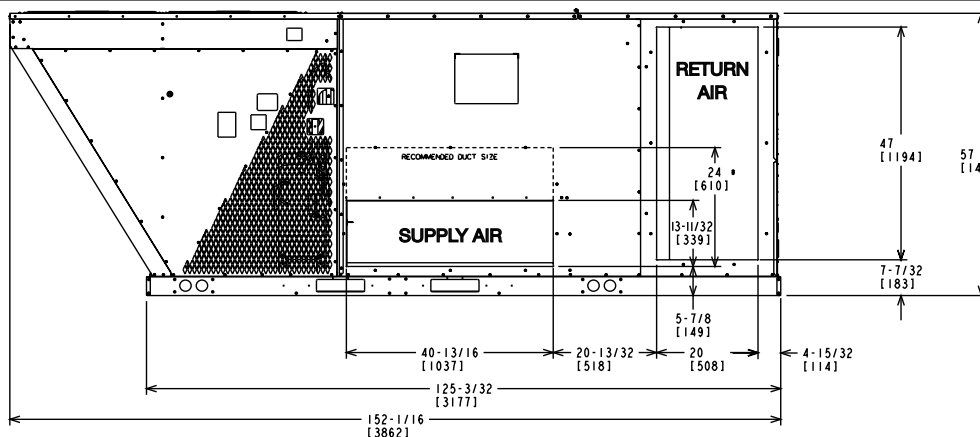
Standard Features

- Scroll Compressors
- Convertible Air Flow
- Factory Installed VFD
- Fin and Tube Indoor Coils
- Microchannel Outdoor Coils
- Factory Standard Hinged Access Panels
- Slide Out Indoor Fan Assembly
- Factory Installed ClearControl™ (DDC)
- Two-Stage Gas Valve and Direct Spark Ignition
- Designed for A2L Refrigerant R-454B

Capacities Tons	15, 17.5, 20, 25
Power Options V, 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.

Specifications and Diagrams



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

Note: View shown from bottom-up

Specification	Unit	RGEHYB180	RGEHYB210	RGEHYB240	RGEHYB300
Nominal Cooling Capacity	Btu/h [kW]	180,000 [52.75]	210,000 [61.55]	240,000 [70.34]	300,000 [87.92]
Net Cooling Capacity	Btu/h [kW]	172,000 [48.92]	200,000 [56.88]	228,000 [64.85]	286,000 [8134]
Net Sensible Capacity	Btu/h [kW]	129,000 [37.81]	150,000 [43.96]	171,000 [50.12]	217,500 [63.74]
Net Latent Capacity	Btu/h [kW]	43,000 [12.60]	50,000 [14.65]	57,000 [16.71]	72,500 [21.25]
Stages of Heating / Cooling		2 / 2	2 / 2	2 / 2	2 / 2
EER / IEER up to		10.8 / 14.0	10.8 / 14.0	10.8 / 14.0	9.8 / 13.0
Nominal Airflow	CFM [L/s]	6,000 [2,831]	7,000 [3,303]	8,000 [3,775]	10,000 [4,719]
Estimated Net Weight	lbs. [kg]	2,073 [940]	2,145 [973]	2,341 [1,062]	2,410 [1,093]
Estimated Shipping Weight	lbs. [kg]	2,200 [998]	2,272 [1,031]	2,441 [1,107]	2,510 [1,139]

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

Model Number	R	GE	H	Y	B	180	A	C	F	25	2	C	A	****			
Nomenclature	1	23	4	5	6	789	10	11	12	13 14	15	16	17	18	19	20	21
1 - Brand R = Friedrich		7, 8, 9 - Capacity 180 = 15 Ton 210 = 17.5 Ton 240 = 20 Ton 300 = 25 Ton				12 - Drive F = Belt Drive - VFD Low G = Belt Drive - VFD Medium H = Belt Drive - VFD High (Field Installed on 20 Ton)				15 - Heat Configuration 2 = 2 Stage B = 2 Stage Stainless							
2, 3 - Unit Type GE = Packaged Gas/Electric		10 - Major Series A = 1st Design				13, 14 - Heat Capacity 25 = 250,000 Btu/h 30 = 300,000 Btu/h 35 = 350,000 Btu/h 40 = 400,000 Btu/h				16 - Control C = ClearControl D = ClearControl & Comfort Alert®							
4 - Cabinet Type H = Large Commercial		11 - Voltage C = 208-230 V, 3 PH, 60 Hz D = 460 V, 3 PH, 60 Hz								17 - Minor Series A = 1st Design							
5 - Refrigerant Y = R-454B										18, 19, 20, 21 - Option Code See below							
6 - Efficiency Level B = Standard Efficiency																	

18				19			20			21	
LV = Louver Protection RH = Hot Gas Reheat (HumidiDry®) HA = Hinged Access (Standard)				LF = Low Ambient & Freeze Stat NP = Non-Powered Convenience Outlet/Unfused Service Disconnect			EC = DDC Single Enthalpy Economizer with Barometric Relief (Downflow Only) RS = Return Smoke Detector			M8 = MERV 8 Filter M13 = MERV 13 Filter	
Option Code Character Highlighted											
C	HA			A	None		0	None		A	Standard
D	LV	HA		B	LF		1	EC		D	M8
Q	RH	HA		C	NP		3	EC	RS	G	M13
S	LV	RH	HA	D	LF	NP					

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
BACnet® Communicator Card	RXXR-AY01	Manual Fresh Air Damper*	AXRF-KFA1
Carbon Dioxide Sensor (Wall Mount)	RXXR-AR02	Motorized Kit for Manual Fresh Air Damper*	RXXR-AW03
Comfort Alert (1 per Compressor)	RXXR-AZ01	MERV 8 Filter	RXMF-M08A2250
Concentric Diffuser (Step-Down, 18" x 36")	RXRN-AD81	MERV 13 Filter	RXMF-M13A2250
Concentric Diffuser (Step-Down, 24" x 48")	RXRN-AD86	Modulating Motor Kit w/position feedback for RXRF-KFA1	RXXR-AW05
Concentric Diffuser (Step-Down, 28" x 60")	RXRN-AD88	Non-Powered Convenience Outlet	RXXR-AN01
Concentric Diffuser (Flush, 18" x 36")	RXRN-AD80	Power Exhaust (208/230V)	RXXR-BGF05C
Downflow Economizer w/Single Enthalpy (DDC)	AXRD-01RGDAM3	Power Exhaust (460V)	RXXR-BGF05D
Downflow Economizer w/Smoke Detector (DDC)	AXRD-01RGDBM3	Roofcurb, 14"	RXKG-CBH14
Horizontal Economizer w/Single Enthalpy	AXRD-01RGHAM3	Roofcurb Adapter to RXRK-E56	RXXR-CJCE56
Downflow Transition (Rect. to Rect., 18" x 36")	RXMC-CJ07	Roofcurb Adapter to RXKG-CAF14	RXXR-CJCF14
Downflow Transition (Rect. to Rect., 24" x 48")	RXMC-CK08	Room Humidity Sensor	RHC-ZNS4
Downflow Transition (Rect. to Rect., 28" x 60")	RXMC-CL09	Room Temperature and Relative Humidity Sensor	RHC-ZNS5
Dual Enthalpy Kit	RXXR-AV04	Unfused Service Disconnect	RXXR-AP01
Hail Guard Louvers	AXRX-AAD01L		
LonWorks® Communication Card	RXXR-AY02		
Low-Ambient Control Kit (1 Per Compressor)	RXRZ-C02		

*Motorized Kit and Manual Fresh Air Damper must be combined for a complete Motorized Outside Air Damper Selection

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