



The new degree of comfort.™

 Air | Package Gas Electric
RGEA14/15 Series

Rheem *Classic*® Series Package Gas Electric Unit



RGEA14- 14 SEER Series

Nominal Sizes 2-5 Tons [7.0-17.6 kW]

RGEA15- 15 SEER Series

Nominal Sizes 2-5 Tons [7.0-17.6 kW]



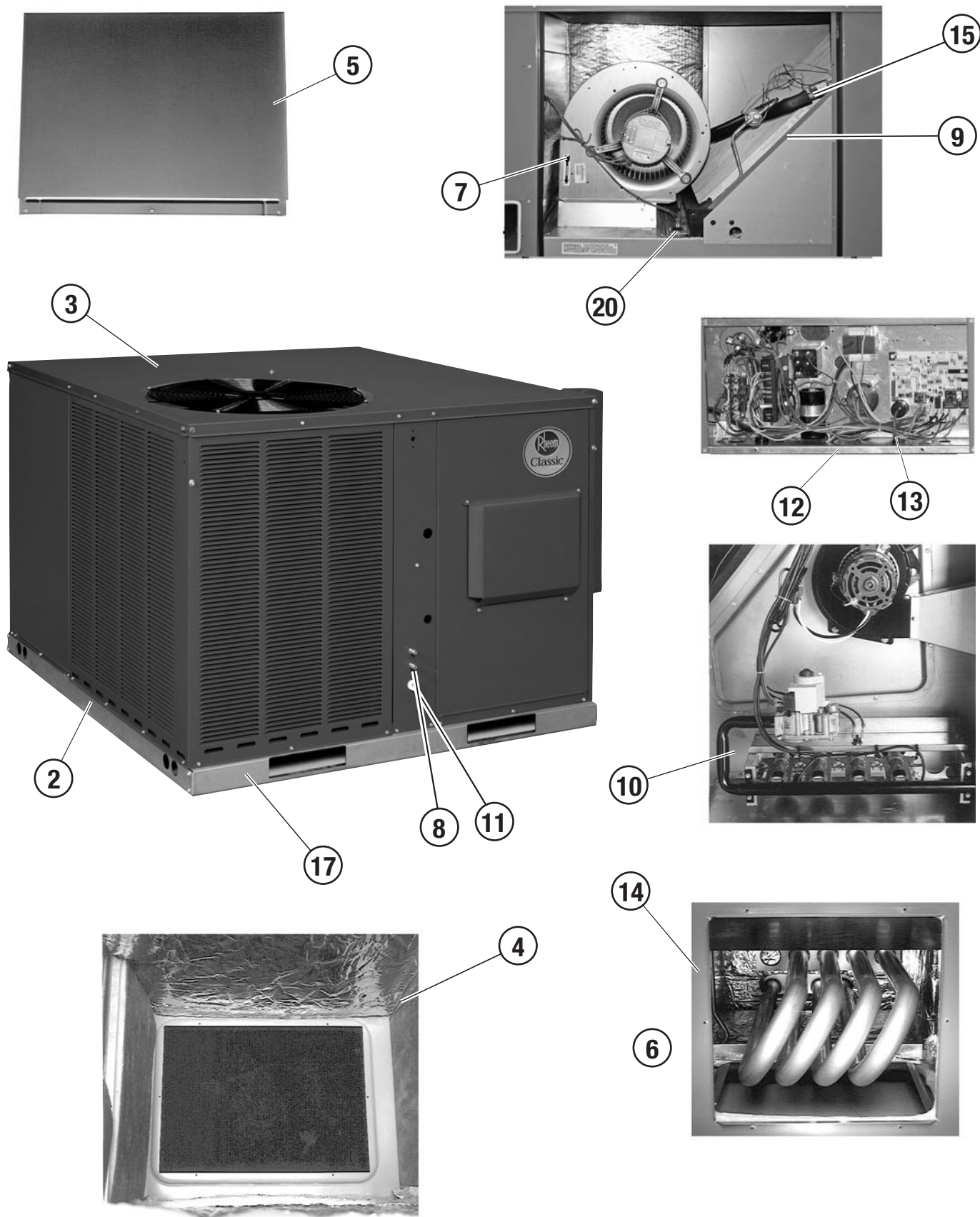
INTEGRATED AIR & WATER

FORM NO. R11-870 REV. 8

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Package Gas Electric Unit Features:





RGEA14/15 Features Below Correspond to Photos on Page 3

1. All models feature Scroll® compressors for maximum efficiency and quiet operation. 5 Ton RGEA14/15 models feature UltraTech™ Scroll 2-Stage compressors with Comfort Alert™ diagnostics (see below), high/low pressure switches, and hard start kits.
2. Louvered condenser compartment for protecting the coil against yard hazards and/or weather extremes.
3. One-piece top with a drip flange to help keep water out of the unit.
4. Supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
5. Access panels have “weep holes” and channels to further help manage water run-off.
6. Side and down discharge options available on all models. All models are shipped ready for horizontal application.
7. Easily accessible blower section complete with slide-out blower.
8. Refrigerant connections are conveniently located for easy service diagnostics.
9. Micro Channel evaporator and condenser delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils. In addition the all aluminum construction has superior protection against formicary corrosion and aluminum tube rubbing potential. It is easier to clean and has a more robust surface.
10. Inside the easily accessible furnace compartment is the draft inducer motor. This motor is specially designed for quiet reliable operation. In addition to the draft inducer motor, the in-shot gas burners and manifold efficiently regulate the flow of gas for combustion. These gas/electric units also feature direct-spark ignition and remote flame sensors for added reliability and efficiency.
11. All units feature an internal trap on the condensate line eliminating the need for installing an on-site external trap.
12. Easily accessible control box.
13. Single point wiring simplifies installation.
14. Our gas/electric package units feature a tubular heat exchanger design. The heat exchanger is backed by a 10 year limited warranty. Models with a stainless steel heat exchanger installed in a residential application are backed by a limited lifetime warranty.
15. Thermal expansion valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
16. Filter drier standard on all models (not shown).
17. Rugged baserail included for improved installation and handling
18. Complete factory charged, wired and run tested.
19. Molded compressor plugs.
20. A double sloped evaporator coil drain pan assures all water is removed from the unit to improve indoor air quality.

Comfort Alert™ Diagnostics – Faster Service And Improved Accuracy (2-Stage Models Only)

The Comfort Alert™ diagnostics module is a breakthrough innovation for troubleshooting air conditioning system failures. The module is installed in the control box near the compressor contactor. By monitoring and analyzing data from the Scroll® compressor and the thermostat demand, the module can accurately detect the cause of electrical and system related failures without any sensors. A flashing LED indicator communicates the ALERT code and guides the service technician more quickly and accurately to the root cause of a problem.

NOTE: Single phase module does not provide active compressor protection! The Comfort Alert module is a monitoring device and cannot control or shut down the compressor unless used with a compatible thermostat.

NOTE: Three phase module provides compressor protection and will shut down the compressor when compressor damaging conditions are detected.



Air

Model Number Identification
RGEA14/15 Series**R GE A 14 036 A J D 10 1 A A X X X**Factory Installed Options
(See Next Page)Minor Series
A = 1st Variation
B = 2nd VariationControl
A = Non CommunicatingHeat Configuration
1 = Single Stage
X = 1 Stage Low NOx (40ng/J)
U = 1 Stage Ultra Low NOx (14ng/J)Heating Capacity (MBH) [kW]
04 = 40,000 [11.7]
06 = 60,000 [17.6]
08 = 80,000 [23.4]
10 = 100,000 [29.3]Drive Package
D = Direct Drive (PSC)
T = Constant Torque (x13)
V = Constant CFM (ECM)Voltage
J = 208-230V—1PH—60 Hz
C = 208-230V—3PH—60 Hz
D = 460V 3PH—60 HzMajor Series
A = 1st Variation
B = 2nd Variation
C = 3rd VariationCooling Capacity (BTUH) [kW]
024 = 24,000 [7.03]
030 = 30,000 [8.79]
036 = 36,000 [10.55]
042 = 42,000 [12.31]
048 = 48,000 [14.07]
060 = 60,000 [17.59]Series
14 = 14 SEER
15 = 15 SEERCabinet Type
A = Residential PackageUnit Type
GE = Package Gas Heat / Electric CoolTradebrand
R = Rheem**[] Designates Metric Conversions**

INTEGRATED AIR & WATER

Available SKUs

Available Models					
RGEA14			RGEA15		
RGEA14024AJT061AB	RGEA14036BDT101AA	RGEA14048BCT081AA	RGEA15024BJV061AA	RGEA15036BDT101AA	RGEA15048ACT081AA
RGEA14024AJT081AB	RGEA14036AJT061AB	RGEA14048BCT101AA	RGEA15024BJV081AA	RGEA15036BJV061AA	RGEA15048ACT101AA
RGEA14030AJT061AB	RGEA14036AJT081AB	RGEA14048BDT101AA	RGEA15030AJV061AB	RGEA15036BJV081AA	RGEA15048ADT101AA
RGEA14030AJT081AB	RGEA14036AJT101AB	RGEA14048AJT081AB	RGEA15030AJV081AB	RGEA15036BJV101AA	RGEA15048AJV081AB
RGEA14036BCT061AA	RGEA14042ACT081AA	RGEA14048AJT101AB	RGEA15036BCT061AA	RGEA15042BCT081AA	RGEA15048AJV101AB
RGEA14036BCT081AA	RGEA14042ACT101AA	RGEA14060CCT101AA	RGEA15036BCT081AA	RGEA15042BCT101AA	RGEA15060ACT101AA
RGEA14036BCT101AA	RGEA14042AJT081AB	RGEA14060CDT101AA	RGEA15036BCT101AA	RGEA15042BJV081AA	RGEA15060ADT101AA
RGEA14036BDT061AA	RGEA14042AJT101AB	RGEA14060CJT101AB	RGEA15036BDT061AA	RGEA15042BJV101AA	RGEA15060AJV101AB
RGEA14036BDT081AA			RGEA15036BDT081AA		

Bold indicates two stage product

Available Low NOx Models (40 ng/J)					
RGEA14			RGEA15		
RGEA14024AJT06XAB	RGEA14036BDT10XAA	RGEA14048BCT08XAA	RGEA15024BJV06XAA	RGEA15036BDT10XAA	RGEA15048ACT08XAA
RGEA14024AJT08XAB	RGEA14036AJT06XAB	RGEA14048BCT10XAA	RGEA15024BJV08XAA	RGEA15036BJV06XAA	RGEA15048ACT10XAA
RGEA14030AJT06XAB	RGEA14036AJT08XAB	RGEA14048BDT10XAA	RGEA15030AJV06XAB	RGEA15036BJV08XAA	RGEA15048ADT10XAA
RGEA14030AJT08XAB	RGEA14036AJT10XAB	RGEA14048AJT08XAB	RGEA15030AJV08XAB	RGEA15036BJV10XAA	RGEA15048AJV08XAB
RGEA14036BCT06XAA	RGEA14042ACT08XAA	RGEA14048AJT10XAB	RGEA15036BCT06XAA	RGEA15042BCT08XAA	RGEA15048AJV10XAB
RGEA14036BCT08XAA	RGEA14042ACT10XAA	RGEA14060CCT10XAA	RGEA15036BCT08XAA	RGEA15042BCT10XAA	RGEA15060ACT10XAA
RGEA14036BCT10XAA	RGEA14042AJT08XAB	RGEA14060CDT10XAA	RGEA15036BCT10XAA	RGEA15042BJV08XAA	RGEA15060ADT10XAA
RGEA14036BDT06XAA	RGEA14042AJT10XAB	RGEA14060CJT10XAB	RGEA15036BDT06XAA	RGEA15042BJV10XAA	
RGEA14036BDT08XAA			RGEA15036BDT08XAA		

Bold indicates two stage product

Available Ultra Low NOx Models (14 ng/J)		
RGEA14		
RGEA14024AJT04UAA	RGEA14036ADT08UAA	RGEA14048ADT10UAA
RGEA14024AJT06UAA	RGEA14036AJT06UAA	RGEA14048AJT08UAA
RGEA14030AJT04UAA	RGEA14036AJT08UAA	RGEA14048AJT10UAA
RGEA14030AJT06UAA	RGEA14042ACT08UAA	RGEA14060ACT10UAA
RGEA14036ACT06UAA	RGEA14042AJT08UAA	RGEA14060ADT10UAA
RGEA14036ACT08UAA	RGEA14048ACT08UAA	RGEA14060AJT10UAA
RGEA14036ADT06UAA	RGEA14048ACT10UAA	

Bold indicates two stage product

Instructions for Factory Installed Option(s) Selection

Note: Three characters following the model number will be utilized to designate a factory-installed option or combination of options. If no factory option(s) is required, nothing follows the model number.

After a basic rooftop model is selected, choose a *three-character* option code from the FACTORY INSTALLED OPTION SELECTION TABLE.

FACTORY INSTALLED OPTION CODES

Option Code	Stainless Steel Heat Exchanger
AJA	x

"x" indicates factory installed option.

Example: No Option

RGEA14036AJD081AA

Example: Option with Stainless Steel Heat Exchanger

RGEA14036AJD081AAAJA

Notes: ULN models standard with Stainless Steel Heat Exchanger

Factory installed economizer is not available.

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA14 Series Ultra Low NOx Series	024AJT06*AB 024AJT06UAA 024AJT04UAA	024AJT08*AB	030AJT06*AB 030AJT06UAA 030AJT04UAA	030AJT08*AB
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	24,200 [7.09]	24,200 [7.09]	29,200 [8.56]	29,200 [8.56]
EER/SEER ²	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	800/900 [378/425]	800/900 [378/425]	1000/1000 [472/472]	1000/1000 [472/472]
AHRI Net Cooling Capacity Btu [kW]	23,600 [6.91]	23,600 [6.91]	28,000 [8.2]	28,000 [8.2]
Net Sensible Capacity Btu [kW]	17,700 [5.19]	17,700 [5.19]	21,000 [6.15]	21,000 [6.15]
Net Latent Capacity Btu [kW]	5,900 [1.73]	5,900 [1.73]	7,000 [2.05]	7,000 [2.05]
Net System Power kW	2.03	2.03	2.37	2.37
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	7.1 [0.66]	7.1 [0.66]	9.9 [0.92]	9.9 [0.92]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
Rows / FPI [FPcm]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2500 [1180]	2500 [1180]	2500 [1180]	2500 [1180]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/3	1/3	1/2	1/2
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	42.6 [1208]	42.6 [1208]	46.8 [1327]	46.8 [1327]
Weights				
Net Weight lbs. [kg]	403 [183]	408 [185]	403 [183]	408 [185]
Ship Weight lbs. [kg]	413 [187]	418 [190]	413 [187]	418 [190]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA14 Series	036AJT06*AB	036AJT06UAA	036AJT08*AB	036AJT08UAA
Ultra Low NOx Series				
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]
EER/SEER ²	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	33,600 [9.84]	33,600 [9.84]	33,600 [9.84]	33,600 [9.84]
Net Sensible Capacity Btu [kW]	25,200 [7.38]	25,200 [7.38]	25,200 [7.38]	25,200 [7.38]
Net Latent Capacity Btu [kW]	8,400 [2.46]	8,400 [2.46]	8,400 [2.46]	8,400 [2.46]
Net System Power kW	2.93	2.93	2.93	2.93
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	9.8 [0.91]	9.8 [0.91]	9.8 [0.91]	9.8 [0.91]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
Rows / FPI [FPcm]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2700 [1274]	2700 [1274]	2700 [1274]	2700 [1274]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	52.7 [1494]	52.7 [1494]	52.7 [1494]	52.7 [1494]
Weights				
Net Weight lbs. [kg]	411 [186]	411 [186]	416 [189]	416 [189]
Ship Weight lbs. [kg]	421 [191]	421 [191]	426 [193]	426 [193]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA14 Series	036AJT10*AB	036BCT06*AA	036BCT08*AA	036BCT10*AA
Ultra Low NOx Series		036ACT06UAA	036ACT08UAA	
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]
EER/SEER ²	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	33,600 [9.84]	33,600 [9.84]	33,600 [9.84]	33,600 [9.84]
Net Sensible Capacity Btu [kW]	25,200 [7.38]	25,200 [7.38]	25,200 [7.38]	25,200 [7.38]
Net Latent Capacity Btu [kW]	8,400 [2.46]	8,400 [2.46]	8,400 [2.46]	8,400 [2.46]
Net System Power kW	2.93	2.93	2.93	2.93
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	9.8 [0.91]	9.8 [0.91]	9.8 [0.91]	9.8 [0.91]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
Rows / FPI [FPcm]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2700 [1274]	2700 [1274]	2700 [1274]	2700 [1274]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1	1/2	1/2	1/2
Motor RPM	1050	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	52.7 [1494]	52.7 [1494]	52.7 [1494]	52.7 [1494]
Weights				
Net Weight lbs. [kg]	421 [191]	411 [186]	416 [189]	421 [191]
Ship Weight lbs. [kg]	431 [196]	421 [191]	426 [193]	431 [196]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA14 Series	036BDT06*AA	036BDT08*AA	036BDT10*AA	042ACT08*AA
Ultra Low NOx Series	036ADT06UAA	036ADT08UAA		042ACT08UAA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]	40,000 [11.72]
EER/SEER ²	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1400/1300 [661/613]
AHRI Net Cooling Capacity Btu [kW]	33,600 [9.84]	33,600 [9.84]	33,600 [9.84]	39,000 [11.43]
Net Sensible Capacity Btu [kW]	25,200 [7.38]	25,200 [7.38]	25,200 [7.38]	29,250 [8.57]
Net Latent Capacity Btu [kW]	8,400 [2.46]	8,400 [2.46]	8,400 [2.46]	9,750 [2.86]
Net System Power kW	2.93	2.93	2.93	3.27
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	9.8 [0.91]	9.8 [0.91]	9.8 [0.91]	14.1 [1.31]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
Rows / FPI [FPcm]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2700 [1274]	2700 [1274]	2700 [1274]	3500 [1652]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	3/4
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	52.7 [1494]	52.7 [1494]	52.7 [1494]	53.6 [1520]
Weights				
Net Weight lbs. [kg]	411 [186]	416 [189]	421 [191]	441 [200]
Ship Weight lbs. [kg]	421 [191]	426 [193]	431 [196]	451 [205]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA14 Series	042ACT10*AA	042AJT08*AB	042AJT10*AB	048AJT08*AB
Ultra Low NOx Series		042AJT08UAA		048AJT08UAA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]	46,000 [13.48]
EER/SEER ²	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1400/1300 [661/613]	1400/1300 [661/613]	1400/1300 [661/613]	1600/1550 [755/731]
AHRI Net Cooling Capacity Btu [kW]	39,000 [11.43]	39,000 [11.43]	39,000 [11.43]	44,500 [13.04]
Net Sensible Capacity Btu [kW]	29,250 [8.57]	29,250 [8.57]	29,250 [8.57]	31,150 [9.13]
Net Latent Capacity Btu [kW]	9,750 [2.86]	9,750 [2.86]	9,750 [2.86]	13,350 [3.91]
Net System Power kW	3.27	3.27	3.27	3.89
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.7 [17.8]
Face Area sq. ft. [sq. m]	14.1 [1.31]	14.1 [1.31]	14.1 [1.31]	16.3 [1.51]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1.26 [32]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	4.1 [0.38]
Rows / FPI [FPcm]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3500 [1652]	3500 [1652]	3500 [1652]	3300 [1557]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	53.6 [1520]	53.6 [1520]	53.6 [1520]	85.3 [2418]
Weights				
Net Weight lbs. [kg]	446 [202]	441 [200]	446 [202]	492 [223]
Ship Weight lbs. [kg]	456 [207]	451 [205]	456 [207]	502 [228]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA14 Series	048AJT10*AB	048BCT08*AA	048BCT10*AA	048BDT10*AA
Ultra Low NOx Series	048AJT10UAA	048ACT08UAA	048ACT10UAA	048ADT10UAA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]
EER/SEER ²	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1550 [755/731]	1600/1550 [755/731]	1600/1550 [755/731]	1600/1550 [755/731]
AHRI Net Cooling Capacity Btu [kW]	44,500 [13.04]	44,500 [13.04]	44,500 [13.04]	44,500 [13.04]
Net Sensible Capacity Btu [kW]	31,150 [9.13]	31,150 [9.13]	31,150 [9.13]	31,150 [9.13]
Net Latent Capacity Btu [kW]	13,350 [3.91]	13,350 [3.91]	13,350 [3.91]	13,350 [3.91]
Net System Power kW	3.89	3.66	3.66	3.66
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.7 [17.8]	0.71 [18]	0.71 [18]	0.7 [17.8]
Face Area sq. ft. [sq. m]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3300 [1557]	3300 [1557]	3300 [1557]	3300 [1557]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	85.3 [2418]	85.3 [2418]	85.3 [2418]	85.3 [2418]
Weights				
Net Weight lbs. [kg]	497 [225]	492 [223]	497 [225]	497 [225]
Ship Weight lbs. [kg]	507 [230]	502 [228]	507 [230]	507 [230]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA14 Series	060CCT10*AA	060CDT10*AA	060CJT10*AA
Ultra Low NOx Series	060ACT10UAA	060ADT10UAA	060AJT10UAA
Cooling Performance¹			
Gross Cooling Capacity Btu [kW]	58,000 [16.99]	58,000 [16.99]	58,000 [16.99]
EER/SEER ²	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	2000/1700 [944/802]	2000/1700 [944/802]	2000/1700 [944/802]
AHRI Net Cooling Capacity Btu [kW]	56,000 [16.41]	56,000 [16.41]	56,000 [16.41]
Net Sensible Capacity Btu [kW]	38,700 [11.34]	38,700 [11.34]	38,700 [11.34]
Net Latent Capacity Btu [kW]	17,300 [5.07]	17,300 [5.07]	17,300 [5.07]
Net System Power kW	5.14	5.14	5.14
Compressor			
No./Type	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³			
	79	79	78
Outdoor Coil - Fin Type			
Tube Type	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	15.3 [1.42]	15.3 [1.42]	15.3 [1.42]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type			
Tube Type	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type			
Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1
CFM [L/s]	3600 [1699]	3600 [1699]	3600 [1699]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075
Indoor Fan - Type			
FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple
No. Motors	1	1	1
Motor HP	1	1	1
Motor RPM	1075	1075	1075
Motor Frame Size	48	48	48
Filter - Type			
Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]
Refrigerant Charge Oz. [g]			
	78 [2211]	78 [2211]	78 [2211]
Weights			
Net Weight lbs. [kg]	515 [234]	515 [234]	515 [234]
Ship Weight lbs. [kg]	525 [238]	525 [238]	525 [238]

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[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA15 Series	024AJV06*AB	024AJV08*AB	024BJV06*AA	024BJV08*AA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	24,600 [7.21]	24,600 [7.21]	24,400 [7.15]	24,400 [7.15]
EER/SEER ²	12/15	12/15	12/15	12/15
Nominal CFM/AHRI Rated CFM [L/s]	800/900 [378/425]	800/900 [378/425]	800/900 [378/425]	800/900 [378/425]
AHRI Net Cooling Capacity Btu [kW]	24,000 [7.03]	24,000 [7.03]	24,000 [7.03]	24,000 [7.03]
Net Sensible Capacity Btu [kW]	18,100 [5.3]	18,100 [5.3]	18,100 [5.3]	18,100 [5.3]
Net Latent Capacity Btu [kW]	5,900 [1.73]	5,900 [1.73]	5,900 [1.73]	5,900 [1.73]
Net System Power kW	2.03	2.03	1.93	1.93
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	7.1 [0.66]	7.1 [0.66]	9.9 [0.92]	9.9 [0.92]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
Rows / FPI [FPcm]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2500 [1180]	2500 [1180]	2500 [1180]	2500 [1180]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]
Refrigerant Charge Oz. [g]	42.6 [1208]	42.6 [1208]	47 [1332]	47 [1332]
Weights				
Net Weight lbs. [kg]	403 [183]	408 [185]	403 [183]	408 [185]
Ship Weight lbs. [kg]	413 [187]	418 [190]	413 [187]	418 [190]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA15 Series	030AJV06*AB	030AJV08*AB	036ACT06*AA	036ACT08*AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	29,200 [8.56]	29,200 [8.56]	36,000 [10.55]	36,000 [10.55]
EER/SEER ²	12/15	12/15	12/15	12/15
Nominal CFM/AHRI Rated CFM [L/s]	1000/975 [472/460]	1000/975 [472/460]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	28,600 [8.38]	28,600 [8.38]	35,000 [10.25]	35,000 [10.25]
Net Sensible Capacity Btu [kW]	21,450 [6.28]	21,450 [6.28]	25,400 [7.44]	25,400 [7.44]
Net Latent Capacity Btu [kW]	7,150 [2.09]	7,150 [2.09]	9,600 [2.81]	9,600 [2.81]
Net System Power kW	2.21	2.21	2.77	2.77
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	9.9 [0.92]	9.9 [0.92]	9.8 [0.91]	9.8 [0.91]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
Rows / FPI [FPcm]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2500 [1180]	2500 [1180]	2700 [1274]	2700 [1274]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1050	1050	1075	1075
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	46.8 [1327]	46.8 [1327]	52.7 [1494]	52.7 [1494]
Weights				
Net Weight lbs. [kg]	403 [183]	408 [185]	411 [186]	416 [189]
Ship Weight lbs. [kg]	413 [187]	418 [190]	421 [191]	426 [193]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA15 Series	036ACT10*AA	036ADT06*AA	036ADT08*AA	036ADT10*AA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]
EER/SEER ²	12/15	12/15	12/15	12/15
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]
Net Sensible Capacity Btu [kW]	25,400 [7.44]	25,400 [7.44]	25,400 [7.44]	25,400 [7.44]
Net Latent Capacity Btu [kW]	9,600 [2.81]	9,600 [2.81]	9,600 [2.81]	9,600 [2.81]
Net System Power kW	2.77	2.77	2.77	2.77
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	9.8 [0.91]	9.8 [0.91]	9.8 [0.91]	9.8 [0.91]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
Rows / FPI [FPcm]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2700 [1274]	2700 [1274]	2700 [1274]	2700 [1274]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	52.7 [1494]	52.7 [1494]	52.7 [1494]	52.7 [1494]
Weights				
Net Weight lbs. [kg]	421 [191]	411 [186]	416 [189]	421 [191]
Ship Weight lbs. [kg]	431 [196]	421 [191]	426 [193]	431 [196]

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[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA15 Series	036AJV06*AB	036AJV08*AB	036AJV10*AB	036BCT06*AA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]
EER/SEER ²	12/15	12/15	12/15	12/15
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1115 [566/526]
AHRI Net Cooling Capacity Btu [kW]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]	35,200 [10.31]
Net Sensible Capacity Btu [kW]	25,400 [7.44]	25,400 [7.44]	25,400 [7.44]	23,960 [7.02]
Net Latent Capacity Btu [kW]	9,600 [2.81]	9,600 [2.81]	9,600 [2.81]	11,240 [3.29]
Net System Power kW	2.77	2.77	2.77	2.83
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	9.8 [0.91]	9.8 [0.91]	9.8 [0.91]	16.3 [1.51]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	4.1 [0.38]
Rows / FPI [FPcm]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2700 [1274]	2700 [1274]	2700 [1274]	2700 [1274]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	3/4	3/4	1/2
Motor RPM	1050	1050	1050	1075
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	52.7 [1494]	52.7 [1494]	52.7 [1494]	63 [1786]
Weights				
Net Weight lbs. [kg]	411 [186]	416 [189]	421 [191]	448 [203]
Ship Weight lbs. [kg]	421 [191]	426 [193]	431 [196]	458 [208]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA15 Series	036BCT08*AA	036BCT10*AA	036BDT06*AA	036BDT08*AA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]
EER/SEER ²	12/15	12/15	12/15	12/15
Nominal CFM/AHRI Rated CFM [L/s]	1200/1115 [566/526]	1200/1115 [566/526]	1200/1115 [566/526]	1200/1115 [566/526]
AHRI Net Cooling Capacity Btu [kW]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]
Net Sensible Capacity Btu [kW]	23,960 [7.02]	23,960 [7.02]	23,960 [7.02]	23,960 [7.02]
Net Latent Capacity Btu [kW]	11,240 [3.29]	11,240 [3.29]	11,240 [3.29]	11,240 [3.29]
Net System Power kW	2.83	2.83	2.83	2.83
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2700 [1274]	2700 [1274]	2700 [1274]	2700 [1274]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	63 [1786]	63 [1786]	63 [1786]	63 [1786]
Weights				
Net Weight lbs. [kg]	453 [205]	458 [208]	448 [203]	453 [205]
Ship Weight lbs. [kg]	463 [210]	468 [212]	458 [208]	463 [210]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA15 Series	036BDT10*AA	036BJV06*AA	036BJV08*AA	036BJV10*AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]
EER/SEER ²	12/15	12/15	12/15	12/15
Nominal CFM/AHRI Rated CFM [L/s]	1200/1115 [566/526]	1200/1115 [566/526]	1200/1115 [566/526]	1200/1115 [566/526]
AHRI Net Cooling Capacity Btu [kW]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]
Net Sensible Capacity Btu [kW]	23,960 [7.02]	23,960 [7.02]	23,960 [7.02]	23,960 [7.02]
Net Latent Capacity Btu [kW]	11,240 [3.29]	11,240 [3.29]	11,240 [3.29]	11,240 [3.29]
Net System Power kW	2.83	2.83	2.83	2.83
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2700 [1274]	2700 [1274]	2700 [1274]	2700 [1274]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	3/4	3/4
Motor RPM	1075	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	63 [1786]	63 [1786]	63 [1786]	63 [1786]
Weights				
Net Weight lbs. [kg]	458 [208]	448 [203]	453 [205]	458 [208]
Ship Weight lbs. [kg]	468 [212]	458 [208]	463 [210]	468 [212]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA15 Series	042ACT08*AA	042ACT10*AA	042AJV08*AB	042AJV10*AB
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	41,000 [12.01]	41,000 [12.01]	41,000 [12.01]	41,000 [12.01]
EER/SEER ²	12/15	12/15	12/15	12/15
Nominal CFM/AHRI Rated CFM [L/s]	1400/1300 [661/613]	1400/1300 [661/613]	1400/1300 [661/613]	1400/1300 [661/613]
AHRI Net Cooling Capacity Btu [kW]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]
Net Sensible Capacity Btu [kW]	28,600 [8.38]	28,600 [8.38]	28,600 [8.38]	28,600 [8.38]
Net Latent Capacity Btu [kW]	11,400 [3.34]	11,400 [3.34]	11,400 [3.34]	11,400 [3.34]
Net System Power kW	3.28	3.28	3.28	3.28
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	14.1 [1.31]	14.1 [1.31]	14.1 [1.31]	14.1 [1.31]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
Rows / FPI [FPcm]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3500 [1652]	3500 [1652]	3500 [1652]	3500 [1652]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1075	1075	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	61.3 [1738]	61.3 [1738]	61.3 [1738]	61.3 [1738]
Weights				
Net Weight lbs. [kg]	445 [202]	450 [204]	445 [202]	450 [204]
Ship Weight lbs. [kg]	455 [206]	460 [209]	455 [206]	460 [209]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA15 Series	042BCT08*AA	042BCT10*AA	042BJV08*AA	042BJV10*AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]
EER/SEER ²	12/15	12/15	12/15	12/15
Nominal CFM/AHRI Rated CFM [L/s]	1400/1200 [661/566]	1400/1200 [661/566]	1400/1200 [661/566]	1400/1200 [661/566]
AHRI Net Cooling Capacity Btu [kW]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]
Net Sensible Capacity Btu [kW]	29,000 [8.5]	29,000 [8.5]	29,000 [8.5]	29,000 [8.5]
Net Latent Capacity Btu [kW]	11,500 [3.37]	11,500 [3.37]	11,500 [3.37]	11,500 [3.37]
Net System Power kW	3.28	3.28	3.28	3.28
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3500 [1652]	3500 [1652]	3500 [1652]	3500 [1652]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1075	1075	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	68 [1928]	68 [1928]	68 [1928]	68 [1928]
Weights				
Net Weight lbs. [kg]	482 [219]	487 [221]	482 [219]	487 [221]
Ship Weight lbs. [kg]	492 [223]	487 [221]	492 [223]	487 [221]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA15 Series	048ACT08*AA	048ACT10*AA	048ADT10*AA	048AJV08*AB
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	46,500 [13.62]	46,500 [13.62]	46,500 [13.62]	46,500 [13.62]
EER/SEER ²	12/14.7	12/14.7	12/14.7	12/14.7
Nominal CFM/AHRI Rated CFM [L/s]	1600/1550 [755/731]	1600/1550 [755/731]	1600/1550 [755/731]	1600/1550 [755/731]
AHRI Net Cooling Capacity Btu [kW]	45,000 [13.18]	45,000 [13.18]	45,000 [13.18]	45,000 [13.18]
Net Sensible Capacity Btu [kW]	31,500 [9.23]	31,500 [9.23]	31,500 [9.23]	31,500 [9.23]
Net Latent Capacity Btu [kW]	13,500 [3.96]	13,500 [3.96]	13,500 [3.96]	13,500 [3.96]
Net System Power kW	3.66	3.66	3.66	3.66
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	0.7 [17.8]	0.7 [17.8]
Face Area sq. ft. [sq. m]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3300 [1557]	3300 [1557]	3300 [1557]	3300 [1557]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	1
Motor RPM	1075	1075	1075	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	85.3 [2418]	85.3 [2418]	85.3 [2418]	85.3 [2418]
Weights				
Net Weight lbs. [kg]	492 [223]	497 [225]	497 [225]	492 [223]
Ship Weight lbs. [kg]	502 [228]	507 [230]	507 [230]	502 [228]

See Page 25 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

Model RGEA15 Series	048AJV10*AB	060ACT10*AA	060ADT10*AA	060AJV10*AB
Cooling Performance¹				
Gross Cooling Capacity Btu [kW]	46,300 [13.57]	57,900 [16.97]	57,900 [16.97]	57,900 [16.97]
EER/SEER ²	12/14.7	11/14.5	11/14.5	11/14.5
Nominal CFM/AHRI Rated CFM [L/s]	1600/1550 [755/731]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	45,000 [13.19]	55,500 [16.27]	55,500 [16.27]	55,500 [16.27]
Net Sensible Capacity Btu [kW]	31,500 [9.23]	38,850 [11.39]	38,850 [11.39]	38,850 [11.39]
Net Latent Capacity Btu [kW]	13,500 [3.96]	16,650 [4.88]	16,650 [4.88]	16,650 [4.88]
Net System Power kW	3.66	5.02	5.02	5.02
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³				
	78	78	78	78
Outdoor Coil - Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
MicroChannel Depth in. [mm]	MicroChannel	MicroChannel	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	0.7 [17.8]	1 [25.4]	1 [25.4]	1 [25.4]
Rows / FPI [FPcm]	16.3 [1.51]	15.3 [1.42]	15.3 [1.42]	15.3 [1.42]
	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
MicroChannel Depth in. [mm]	MicroChannel	MicroChannel	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Rows / FPI [FPcm]	4.1 [0.38]	4 [0.37]	4 [0.37]	4 [0.37]
	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type				
No. Used/Diameter in. [mm]	Propeller	Propeller	Propeller	Propeller
Drive Type/No. Speeds	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3300 [1557]	3300 [1557]	3300 [1557]	3300 [1557]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type				
No. Used/Diameter in. [mm]	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
Drive Type	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
No. Speeds	Direct	Direct	Direct	Direct
No. Motors	Multiple	Multiple	Multiple	Multiple
Motor HP	1	1	1	1
Motor RPM	1	1	1	1
Motor Frame Size	1050	1075	1075	1050
	48	48	48	48
Filter - Type				
Furnished	Field Supplied	Field Supplied	Field Supplied	Field Supplied
(NO.) Size Recommended in. [mm x mm x mm]	No	No	No	No
	(1)1x24x24 [25x610x610]	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]
Refrigerant Charge Oz. [g]				
	85.3 [2418]	89.6 [2540]	89.6 [2540]	89.6 [2540]
Weights				
Net Weight lbs. [kg]	497 [225]	515 [234]	515 [234]	515 [234]
Ship Weight lbs. [kg]	507 [230]	525 [238]	525 [238]	525 [238]

See Page 25 for Notes.

[] Designates Metric Conversions

NOTES:

1. Cooling Performance is rated at 95° F ambient, 80° F entering dry bulb, 67° F entering wet bulb. Gross capacity does not include the effect of fan motor heat. AHRI capacity is net and includes the effect of fan motor heat. Units are suitable for operation in CFM range shown in airflow tables. Units are certified in accordance with the Unitary Air Conditioner Equipment certification program, which is based on AHRI Standard 210/240.
2. EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
3. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.



GROSS SYSTEMS PERFORMANCE DATA—RGEA14024A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			990 [467]	900 [425]	760 [359]	990 [467]	900 [425]	760 [359]	990 [467]	900 [425]	760 [359]
DR ①			0.21	0.19	0.15	0.21	0.19	0.15	0.21	0.19	0.15
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	30.9 [9.1] 18.7 [5.5] 1.4	30.4 [8.9] 17.9 [5.2] 1.4	29.5 [8.7] 16.6 [4.9] 1.4	29.1 [8.5] 21.9 [6.4] 1.4	28.6 [8.4] 20.9 [6.1] 1.4	27.8 [8.1] 19.4 [5.7] 1.4	27.5 [8.1] 24.6 [7.2] 1.4	27.0 [7.9] 23.5 [6.9] 1.4	26.2 [7.7] 21.8 [6.4] 1.4
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	30.0 [8.8] 18.2 [5.3] 1.5	29.4 [8.6] 17.4 [5.1] 1.5	28.6 [8.4] 16.1 [4.7] 1.5	28.1 [8.2] 21.4 [6.3] 1.5	27.6 [8.1] 20.4 [6.0] 1.5	26.8 [7.9] 18.9 [5.5] 1.5	26.5 [7.8] 24.0 [7.0] 1.5	26.0 [7.6] 23.0 [6.7] 1.5	25.3 [7.4] 21.3 [6.2] 1.5
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	29.0 [8.5] 17.6 [5.2] 1.6	28.5 [8.3] 16.8 [4.9] 1.6	27.7 [8.1] 15.6 [4.6] 1.6	27.1 [8.0] 20.8 [6.1] 1.6	26.7 [7.8] 19.9 [5.8] 1.6	25.9 [7.6] 18.4 [5.4] 1.6	25.5 [7.5] 23.5 [6.9] 1.6	25.1 [7.3] 22.4 [6.6] 1.6	24.4 [7.1] 20.8 [6.1] 1.6
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	28.0 [8.2] 17.0 [5.0] 1.7	27.5 [8.1] 16.3 [4.8] 1.7	26.7 [7.8] 15.1 [4.4] 1.7	26.1 [7.7] 20.2 [5.9] 1.7	25.7 [7.5] 19.3 [5.7] 1.7	25.0 [7.3] 17.9 [5.3] 1.7	24.5 [7.2] 22.9 [6.7] 1.7	24.1 [7.1] 21.9 [6.4] 1.7	23.4 [6.9] 20.3 [5.9] 1.7
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	27.0 [7.9] 16.5 [4.8] 1.9	26.5 [7.8] 15.7 [4.6] 1.8	25.7 [7.5] 14.6 [4.3] 1.8	25.1 [7.4] 19.7 [5.8] 1.8	24.7 [7.2] 18.8 [5.5] 1.8	24.0 [7.0] 17.4 [5.1] 1.8	23.5 [6.9] 22.3 [6.5] 1.8	23.1 [6.8] 21.3 [6.2] 1.8	22.4 [6.6] 19.8 [5.8] 1.8
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	25.9 [7.6] 15.9 [4.6] 2.0	25.5 [7.5] 15.2 [4.4] 2.0	24.8 [7.3] 14.1 [4.1] 1.9	24.1 [7.1] 19.1 [5.6] 2.0	23.7 [6.9] 18.2 [5.3] 2.0	23.0 [6.7] 16.9 [5.0] 1.9	22.5 [6.6] 21.7 [6.4] 2.0	22.1 [6.5] 20.8 [6.1] 1.9	21.5 [6.3] 19.2 [5.6] 1.9
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	24.9 [7.3] 15.3 [4.5] 2.1	24.5 [7.2] 14.6 [4.3] 2.1	23.8 [7.0] 13.5 [4.0] 2.1	23.1 [6.8] 18.5 [5.4] 2.1	22.6 [6.6] 17.7 [5.2] 2.1	22.0 [6.4] 16.4 [4.8] 2.1	21.4 [6.3] 21.1 [6.2] 2.1	21.1 [6.2] 20.2 [5.9] 2.1	20.5 [6.0] 18.7 [5.5] 2.0
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	23.8 [7.0] 14.7 [4.3] 2.3	23.4 [6.9] 14.0 [4.1] 2.2	22.7 [6.7] 13.0 [3.8] 2.2	22.0 [6.4] 17.9 [5.2] 2.2	21.6 [6.3] 17.1 [5.0] 2.2	21.0 [6.1] 15.8 [4.6] 2.2	20.4 [6.0] 20.4 [6.0] 2.2	20.0 [5.9] 19.6 [5.7] 2.2	19.4 [5.7] 18.2 [5.3] 2.2
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	22.8 [6.7] 14.1 [4.1] 2.4	22.3 [6.5] 13.4 [3.9] 2.4	21.7 [6.4] 12.5 [3.6] 2.3	20.9 [6.1] 17.3 [5.1] 2.4	20.5 [6.0] 16.5 [4.8] 2.4	19.9 [5.8] 15.3 [4.5] 2.3	19.3 [5.7] 19.3 [5.7] 2.4	18.9 [5.6] 18.9 [5.6] 2.4	18.4 [5.4] 17.6 [5.2] 2.3
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	21.7 [6.3] 13.4 [3.9] 2.6	21.3 [6.2] 12.8 [3.8] 2.5	20.7 [6.1] 11.9 [3.5] 2.5	19.8 [5.8] 16.6 [4.9] 2.5	19.5 [5.7] 15.9 [4.7] 2.5	18.9 [5.5] 14.7 [4.3] 2.5	18.2 [5.3] 18.2 [5.3] 2.5	17.9 [5.2] 17.9 [5.2] 2.5	17.4 [5.1] 17.1 [5.0] 2.5
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	20.5 [6.0] 12.8 [3.8] 2.7	20.2 [5.9] 12.2 [3.6] 2.7	19.6 [5.7] 11.3 [3.3] 2.7	18.7 [5.5] 16.0 [4.7] 2.7	18.4 [5.4] 15.3 [4.5] 2.7	17.8 [5.2] 14.2 [4.2] 2.7	17.1 [5.0] 17.1 [5.0] 2.7	16.8 [4.9] 16.8 [4.9] 2.7	16.3 [4.8] 16.3 [4.8] 2.6

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA—RGEA14030A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1070 [505]	975 [460]	830 [392]	1070 [505]	975 [460]	830 [392]	1070 [505]	975 [460]	830 [392]
DR ①			0.16	0.14	0.1	0.16	0.14	0.1	0.16	0.14	0.1
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	36.8 [10.8]	36.1 [10.6]	35.2 [10.3]	34.3 [10.1]	33.7 [9.9]	32.8 [9.6]	32.4 [9.5]	31.8 [9.3]	31.0 [9.1]
		Sens BTUH [kW]	21.5 [6.3]	20.5 [6.0]	19.1 [5.6]	25.1 [7.4]	24.0 [7.0]	22.4 [6.6]	28.3 [8.3]	27.1 [7.9]	25.2 [7.4]
		Power	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.6
	80 [26.7]	Total BTUH [kW]	35.7 [10.5]	35.1 [10.3]	34.2 [10.0]	33.3 [9.7]	32.7 [9.6]	31.8 [9.3]	31.3 [9.2]	30.8 [9.0]	30.0 [8.8]
		Sens BTUH [kW]	21.0 [6.1]	20.1 [5.9]	18.7 [5.5]	24.7 [7.2]	23.6 [6.9]	21.9 [6.4]	27.8 [8.2]	26.6 [7.8]	24.8 [7.3]
		Power	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	85 [29.4]	Total BTUH [kW]	34.7 [10.2]	34.1 [10.0]	33.2 [9.7]	32.2 [9.4]	31.7 [9.3]	30.8 [9.0]	30.3 [8.9]	29.8 [8.7]	29.0 [8.5]
		Sens BTUH [kW]	20.5 [6.0]	19.6 [5.7]	18.2 [5.3]	24.2 [7.1]	23.1 [6.8]	21.5 [6.3]	27.4 [8.0]	26.2 [7.7]	24.3 [7.1]
		Power	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	90 [32.2]	Total BTUH [kW]	33.7 [9.9]	33.1 [9.7]	32.2 [9.4]	31.2 [9.1]	30.6 [9.0]	29.8 [8.7]	29.2 [8.6]	28.7 [8.4]	28.0 [8.2]
		Sens BTUH [kW]	20.0 [5.9]	19.1 [5.6]	17.8 [5.2]	23.6 [6.9]	22.6 [6.6]	21.0 [6.2]	26.8 [7.9]	25.7 [7.5]	23.9 [7.0]
		Power	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
95 [35]	Total BTUH [kW]	32.6 [9.5]	32.0 [9.4]	31.2 [9.1]	30.1 [8.8]	29.6 [8.7]	28.8 [8.4]	28.2 [8.3]	27.7 [8.1]	26.9 [7.9]	
	Sens BTUH [kW]	19.4 [5.7]	18.6 [5.4]	17.3 [5.1]	23.1 [6.8]	22.1 [6.5]	20.5 [6.0]	26.3 [7.7]	25.1 [7.4]	23.4 [6.9]	
	Power	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.0	
100 [37.8]	Total BTUH [kW]	31.5 [9.2]	31.0 [9.1]	30.1 [8.8]	29.0 [8.5]	28.5 [8.4]	27.7 [8.1]	27.1 [7.9]	26.6 [7.8]	25.9 [7.6]	
	Sens BTUH [kW]	18.8 [5.5]	18.0 [5.3]	16.8 [4.9]	22.5 [6.6]	21.5 [6.3]	20.0 [5.9]	25.7 [7.5]	24.6 [7.2]	22.9 [6.7]	
	Power	2.2	2.2	2.1	2.2	2.2	2.1	2.2	2.1	2.1	
105 [40.6]	Total BTUH [kW]	30.4 [8.9]	29.9 [8.8]	29.1 [8.5]	27.9 [8.2]	27.4 [8.0]	26.7 [7.8]	26.0 [7.6]	25.6 [7.5]	24.9 [7.3]	
	Sens BTUH [kW]	18.2 [5.3]	17.4 [5.1]	16.2 [4.8]	21.9 [6.4]	20.9 [6.1]	19.5 [5.7]	25.1 [7.4]	24.0 [7.0]	22.3 [6.5]	
	Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	
110 [43.3]	Total BTUH [kW]	29.3 [8.6]	28.8 [8.4]	28.0 [8.2]	26.8 [7.9]	26.4 [7.7]	25.6 [7.5]	24.9 [7.3]	24.5 [7.2]	23.8 [7.0]	
	Sens BTUH [kW]	17.6 [5.2]	16.8 [4.9]	15.7 [4.6]	21.3 [6.2]	20.3 [6.0]	18.9 [5.5]	24.4 [7.2]	23.4 [6.9]	21.8 [6.4]	
	Power	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
115 [46.1]	Total BTUH [kW]	28.2 [8.3]	27.7 [8.1]	27.0 [7.9]	25.7 [7.5]	25.3 [7.4]	24.6 [7.2]	23.8 [7.0]	23.4 [6.8]	22.7 [6.7]	
	Sens BTUH [kW]	16.9 [5.0]	16.2 [4.7]	15.1 [4.4]	20.6 [6.0]	19.7 [5.8]	18.3 [5.4]	23.8 [7.0]	22.7 [6.7]	21.2 [6.2]	
	Power	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.6	2.5	
120 [48.9]	Total BTUH [kW]	27.1 [7.9]	26.6 [7.8]	25.9 [7.6]	24.6 [7.2]	24.2 [7.1]	23.5 [6.9]	22.7 [6.6]	22.3 [6.5]	21.7 [6.3]	
	Sens BTUH [kW]	16.2 [4.8]	15.5 [4.5]	14.4 [4.2]	19.9 [5.8]	19.0 [5.6]	17.7 [5.2]	22.7 [6.6]	22.1 [6.5]	20.5 [6.0]	
	Power	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
125 [51.7]	Total BTUH [kW]	25.9 [7.6]	25.5 [7.5]	24.8 [7.3]	23.4 [6.9]	23.0 [6.7]	22.4 [6.6]	21.5 [6.3]	21.1 [6.2]	20.6 [6.0]	
	Sens BTUH [kW]	15.5 [4.5]	14.8 [4.3]	13.8 [4.0]	19.2 [5.6]	18.3 [5.4]	17.1 [5.0]	21.5 [6.3]	21.1 [6.2]	19.9 [5.8]	
	Power	2.9	2.9	2.8	2.9	2.9	2.8	2.9	2.9	2.8	

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA—RGEA14036A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]
DR ①			0.19	0.18	0.15	0.19	0.18	0.15	0.19	0.18	0.15
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	44.8 [13.1]	44.0 [12.9]	42.8 [12.5]	41.9 [12.3]	41.1 [12.1]	40.0 [11.7]	38.9 [11.4]	38.2 [11.2]	37.2 [10.9]
		Sens BTUH [kW]	26.2 [7.7]	25.0 [7.3]	23.3 [6.8]	30.6 [9.0]	29.2 [8.6]	27.2 [8.0]	33.9 [9.9]	32.4 [9.5]	30.1 [8.8]
		Power	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	80 [26.7]	Total BTUH [kW]	43.5 [12.8]	42.7 [12.5]	41.6 [12.2]	40.6 [11.9]	39.9 [11.7]	38.8 [11.4]	37.6 [11.0]	36.9 [10.8]	35.9 [10.5]
		Sens BTUH [kW]	25.4 [7.5]	24.3 [7.1]	22.6 [6.6]	29.9 [8.7]	28.5 [8.4]	26.5 [7.8]	33.2 [9.7]	31.7 [9.3]	29.5 [8.6]
		Power	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	85 [29.4]	Total BTUH [kW]	42.2 [12.4]	41.4 [12.1]	40.3 [11.8]	39.3 [11.5]	38.6 [11.3]	37.5 [11.0]	36.3 [10.6]	35.6 [10.4]	34.6 [10.2]
		Sens BTUH [kW]	24.7 [7.2]	23.6 [6.9]	21.9 [6.4]	29.1 [8.5]	27.8 [8.1]	25.9 [7.6]	32.4 [9.5]	31.0 [9.1]	28.8 [8.4]
		Power	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	90 [32.2]	Total BTUH [kW]	40.9 [12.0]	40.1 [11.8]	39.0 [11.4]	37.9 [11.1]	37.2 [10.9]	36.2 [10.6]	34.9 [10.2]	34.3 [10.1]	33.4 [9.8]
Sens BTUH [kW]		23.9 [7.0]	22.9 [6.7]	21.3 [6.2]	28.3 [8.3]	27.1 [7.9]	25.2 [7.4]	31.6 [9.3]	30.2 [8.9]	28.1 [8.2]	
Power		2.4	2.4	2.3	2.4	2.4	2.3	2.4	2.3	2.3	
95 [35]	Total BTUH [kW]	39.5 [11.6]	38.8 [11.4]	37.7 [11.1]	36.6 [10.7]	35.9 [10.5]	34.9 [10.2]	33.6 [9.8]	33.0 [9.7]	32.1 [9.4]	
	Sens BTUH [kW]	23.1 [6.8]	22.1 [6.5]	20.6 [6.0]	27.5 [8.1]	26.3 [7.7]	24.5 [7.2]	30.9 [9.0]	29.5 [8.6]	27.4 [8.0]	
	Power	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
100 [37.8]	Total BTUH [kW]	38.1 [11.2]	37.5 [11.0]	36.4 [10.7]	35.2 [10.3]	34.6 [10.1]	33.6 [9.9]	32.2 [9.4]	31.6 [9.3]	30.8 [9.0]	
	Sens BTUH [kW]	22.3 [6.5]	21.3 [6.3]	19.9 [5.8]	26.7 [7.8]	25.6 [7.5]	23.8 [7.0]	30.1 [8.8]	28.7 [8.4]	26.7 [7.8]	
	Power	2.7	2.7	2.6	2.7	2.7	2.6	2.7	2.6	2.6	
105 [40.6]	Total BTUH [kW]	36.8 [10.8]	36.1 [10.6]	35.1 [10.3]	33.8 [9.9]	33.2 [9.7]	32.3 [9.5]	30.8 [9.0]	30.3 [8.9]	29.5 [8.6]	
	Sens BTUH [kW]	21.5 [6.3]	20.6 [6.0]	19.1 [5.6]	25.9 [7.6]	24.8 [7.3]	23.0 [6.7]	29.2 [8.6]	27.9 [8.2]	26.0 [7.6]	
	Power	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
110 [43.3]	Total BTUH [kW]	35.4 [10.4]	34.7 [10.2]	33.8 [9.9]	32.4 [9.5]	31.9 [9.3]	31.0 [9.1]	29.4 [8.6]	28.9 [8.5]	28.1 [8.2]	
	Sens BTUH [kW]	20.7 [6.1]	19.8 [5.8]	18.4 [5.4]	25.1 [7.4]	24.0 [7.0]	22.3 [6.5]	28.4 [8.3]	27.1 [8.0]	25.2 [7.4]	
	Power	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	
115 [46.1]	Total BTUH [kW]	34.0 [10.0]	33.4 [9.8]	32.4 [9.5]	31.0 [9.1]	30.5 [8.9]	29.6 [8.7]	28.0 [8.2]	27.5 [8.1]	26.8 [7.8]	
	Sens BTUH [kW]	19.8 [5.8]	18.9 [5.5]	17.6 [5.2]	24.2 [7.1]	23.1 [6.8]	21.5 [6.3]	27.5 [8.1]	26.3 [7.7]	24.5 [7.2]	
	Power	3.2	3.2	3.2	3.2	3.2	3.1	3.2	3.2	3.1	
120 [48.9]	Total BTUH [kW]	32.5 [9.5]	32.0 [9.4]	31.1 [9.1]	29.6 [8.7]	29.1 [8.5]	28.3 [8.3]	26.6 [7.8]	26.1 [7.7]	25.4 [7.4]	
	Sens BTUH [kW]	18.9 [5.6]	18.1 [5.3]	16.8 [4.9]	23.3 [6.8]	22.3 [6.5]	20.7 [6.1]	26.6 [7.8]	25.5 [7.5]	23.7 [6.9]	
	Power	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.4	3.3	
125 [51.7]	Total BTUH [kW]	31.1 [9.1]	30.5 [9.0]	29.7 [8.7]	28.2 [8.3]	27.7 [8.1]	26.9 [7.9]	25.2 [7.4]	24.7 [7.2]	24.1 [7.0]	
	Sens BTUH [kW]	18.0 [5.3]	17.2 [5.1]	16.0 [4.7]	22.4 [6.6]	21.4 [6.3]	19.9 [5.8]	25.2 [7.4]	24.6 [7.2]	22.9 [6.7]	
	Power	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA—RGEA14042A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1430 [675]	1300 [614]	1100 [519]	1430 [675]	1300 [614]	1100 [519]	1430 [675]	1300 [614]	1100 [519]
DR ①			0.15	0.14	0.1	0.15	0.14	0.1	0.15	0.14	0.1
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	50.0 [14.7]	49.1 [14.4]	47.7 [14.0]	47.3 [13.9]	46.4 [13.6]	45.1 [13.2]	44.3 [13.0]	43.5 [12.8]	42.3 [12.4]
		Sens BTUH [kW]	29.2 [8.5]	27.9 [8.2]	25.9 [7.6]	34.3 [10.0]	32.7 [9.6]	30.4 [8.9]	38.5 [11.3]	36.8 [10.8]	34.2 [10.0]
		Power	2.4	2.4	2.3	2.4	2.3	2.3	2.3	2.3	2.3
	80 [26.7]	Total BTUH [kW]	48.7 [14.3]	47.9 [14.0]	46.5 [13.6]	46.0 [13.5]	45.2 [13.2]	43.9 [12.9]	43.0 [12.6]	42.3 [12.4]	41.1 [12.0]
		Sens BTUH [kW]	28.5 [8.4]	27.3 [8.0]	25.3 [7.4]	33.7 [9.9]	32.2 [9.4]	29.8 [8.7]	37.9 [11.1]	36.2 [10.6]	33.6 [9.9]
		Power	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.4
	85 [29.4]	Total BTUH [kW]	47.4 [13.9]	46.6 [13.6]	45.2 [13.3]	44.7 [13.1]	43.9 [12.9]	42.6 [12.5]	41.7 [12.2]	41.0 [12.0]	39.8 [11.7]
		Sens BTUH [kW]	27.9 [8.2]	26.6 [7.8]	24.7 [7.2]	33.0 [9.7]	31.5 [9.2]	29.3 [8.6]	37.2 [10.9]	35.6 [10.4]	33.0 [9.7]
		Power	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	90 [32.2]	Total BTUH [kW]	46.0 [13.5]	45.2 [13.2]	43.9 [12.9]	43.3 [12.7]	42.5 [12.5]	41.3 [12.1]	40.3 [11.8]	39.6 [11.6]	38.5 [11.3]
		Sens BTUH [kW]	27.2 [8.0]	26.0 [7.6]	24.1 [7.1]	32.3 [9.5]	30.8 [9.0]	28.6 [8.4]	36.5 [10.7]	34.9 [10.2]	32.4 [9.5]
		Power	2.8	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.7
OUTDOOR DRY BULB TEMPERATURE °F [°C]	95 [35]	Total BTUH [kW]	44.6 [13.1]	43.8 [12.8]	42.6 [12.5]	41.8 [12.3]	41.1 [12.0]	39.9 [11.7]	38.9 [11.4]	38.2 [11.2]	37.1 [10.9]
		Sens BTUH [kW]	26.4 [7.7]	25.2 [7.4]	23.4 [6.9]	31.5 [9.2]	30.1 [8.8]	27.9 [8.2]	35.8 [10.5]	34.2 [10.0]	31.7 [9.3]
		Power	3.0	3.0	2.9	3.0	3.0	2.9	3.0	2.9	2.9
	100 [37.8]	Total BTUH [kW]	43.1 [12.6]	42.3 [12.4]	41.1 [12.1]	40.4 [11.8]	39.6 [11.6]	38.5 [11.3]	37.4 [11.0]	36.7 [10.8]	35.7 [10.5]
		Sens BTUH [kW]	25.6 [7.5]	24.4 [7.2]	22.7 [6.6]	30.7 [9.0]	29.3 [8.6]	27.2 [8.0]	34.9 [10.2]	33.4 [9.8]	31.0 [9.1]
		Power	3.2	3.1	3.1	3.2	3.1	3.1	3.1	3.1	3.1
	105 [40.6]	Total BTUH [kW]	41.6 [12.2]	40.8 [12.0]	39.7 [11.6]	38.8 [11.4]	38.1 [11.2]	37.1 [10.9]	35.9 [10.5]	35.2 [10.3]	34.3 [10.0]
		Sens BTUH [kW]	24.7 [7.2]	23.6 [6.9]	21.9 [6.4]	29.8 [8.7]	28.5 [8.3]	26.4 [7.7]	34.1 [10.0]	32.5 [9.5]	30.2 [8.8]
		Power	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
	110 [43.3]	Total BTUH [kW]	40.0 [11.7]	39.3 [11.5]	38.2 [11.2]	37.2 [10.9]	36.6 [10.7]	35.6 [10.4]	34.3 [10.0]	33.7 [9.9]	32.7 [9.6]
		Sens BTUH [kW]	23.8 [7.0]	22.7 [6.7]	21.1 [6.2]	28.9 [8.5]	27.6 [8.1]	25.6 [7.5]	33.1 [9.7]	31.6 [9.3]	29.4 [8.6]
		Power	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
OUTDOOR DRY BULB TEMPERATURE °F [°C]	115 [46.1]	Total BTUH [kW]	38.3 [11.2]	37.7 [11.0]	36.6 [10.7]	35.6 [10.4]	35.0 [10.2]	34.0 [10.0]	32.7 [9.6]	32.1 [9.4]	31.2 [9.1]
		Sens BTUH [kW]	22.8 [6.7]	21.8 [6.4]	20.2 [5.9]	27.9 [8.2]	26.6 [7.8]	24.7 [7.2]	32.1 [9.4]	30.7 [9.0]	28.5 [8.4]
		Power	3.8	3.7	3.7	3.8	3.7	3.7	3.7	3.7	3.7
	120 [48.9]	Total BTUH [kW]	36.7 [10.7]	36.0 [10.6]	35.0 [10.3]	33.9 [9.9]	33.3 [9.8]	32.4 [9.5]	31.0 [9.1]	30.4 [8.9]	29.6 [8.7]
		Sens BTUH [kW]	21.7 [6.4]	20.8 [6.1]	19.3 [5.6]	26.8 [7.9]	25.6 [7.5]	23.8 [7.0]	31.0 [9.1]	29.7 [8.7]	27.6 [8.1]
		Power	4.0	4.0	3.9	4.0	3.9	3.9	4.0	3.9	3.9
	125 [51.7]	Total BTUH [kW]	34.9 [10.2]	34.3 [10.1]	33.3 [9.8]	32.2 [9.4]	31.6 [9.3]	30.7 [9.0]	29.2 [8.6]	28.7 [8.4]	27.9 [8.2]
		Sens BTUH [kW]	20.6 [6.1]	19.7 [5.8]	18.3 [5.4]	25.8 [7.5]	24.6 [7.2]	22.8 [6.7]	29.2 [8.6]	28.7 [8.4]	26.6 [7.8]
		Power	4.2	4.2	4.1	4.2	4.2	4.1	4.2	4.1	4.1

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA—RGEA14048A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1700 [802]	1550 [732]	1320 [623]	1700 [802]	1550 [732]	1320 [623]	1700 [802]	1550 [732]	1320 [623]
DR ①			0.19	0.18	0.15	0.19	0.18	0.15	0.19	0.18	0.15
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	58.3 [17.1]	57.3 [16.8]	55.8 [16.3]	54.6 [16.0]	53.7 [15.7]	52.2 [15.3]	51.6 [15.1]	50.7 [14.9]	49.3 [14.5]
		Sens BTUH [kW]	33.2 [9.7]	31.8 [9.3]	29.6 [8.7]	39.2 [11.5]	37.5 [11.0]	34.9 [10.2]	44.7 [13.1]	42.8 [12.5]	39.8 [11.7]
		Power	2.7	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6
	80 [26.7]	Total BTUH [kW]	56.8 [16.7]	55.8 [16.4]	54.3 [15.9]	53.1 [15.6]	52.2 [15.3]	50.8 [14.9]	50.1 [14.7]	49.2 [14.4]	47.9 [14.0]
		Sens BTUH [kW]	32.5 [9.5]	31.1 [9.1]	28.9 [8.5]	38.5 [11.3]	36.8 [10.8]	34.3 [10.0]	44.0 [12.9]	42.1 [12.3]	39.2 [11.5]
		Power	2.8	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.7
	85 [29.4]	Total BTUH [kW]	55.3 [16.2]	54.3 [15.9]	52.8 [15.5]	51.5 [15.1]	50.6 [14.8]	49.3 [14.4]	48.5 [14.2]	47.7 [14.0]	46.4 [13.6]
		Sens BTUH [kW]	31.7 [9.3]	30.3 [8.9]	28.2 [8.3]	37.7 [11.0]	36.0 [10.6]	33.6 [9.8]	43.2 [12.7]	41.3 [12.1]	38.4 [11.3]
		Power	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	90 [32.2]	Total BTUH [kW]	53.6 [15.7]	52.7 [15.4]	51.3 [15.0]	49.9 [14.6]	49.0 [14.4]	47.7 [14.0]	46.9 [13.7]	46.1 [13.5]	44.8 [13.1]
Sens BTUH [kW]		30.8 [9.0]	29.5 [8.6]	27.4 [8.0]	36.8 [10.8]	35.2 [10.3]	32.8 [9.6]	42.3 [12.4]	40.5 [11.9]	37.7 [11.0]	
Power		3.1	3.1	3.1	3.1	3.1	3.0	3.1	3.1	3.0	
95 [35]	Total BTUH [kW]	51.9 [15.2]	51.0 [14.9]	49.6 [14.5]	48.2 [14.1]	47.3 [13.9]	46.1 [13.5]	45.2 [13.2]	44.4 [13.0]	43.2 [12.7]	
	Sens BTUH [kW]	29.9 [8.8]	28.6 [8.4]	26.6 [7.8]	35.9 [10.5]	34.3 [10.1]	32.0 [9.4]	41.4 [12.1]	39.6 [11.6]	36.8 [10.8]	
	Power	3.3	3.3	3.2	3.3	3.3	3.2	3.3	3.3	3.2	
100 [37.8]	Total BTUH [kW]	50.1 [14.7]	49.2 [14.4]	47.9 [14.0]	46.4 [13.6]	45.6 [13.4]	44.3 [13.0]	43.4 [12.7]	42.6 [12.5]	41.5 [12.2]	
	Sens BTUH [kW]	28.9 [8.5]	27.6 [8.1]	25.7 [7.5]	34.9 [10.2]	33.4 [9.8]	31.1 [9.1]	40.4 [11.8]	38.6 [11.3]	36.0 [10.5]	
	Power	3.5	3.5	3.4	3.5	3.5	3.4	3.5	3.4	3.4	
105 [40.6]	Total BTUH [kW]	48.2 [14.1]	47.4 [13.9]	46.1 [13.5]	44.5 [13.0]	43.7 [12.8]	42.6 [12.5]	41.5 [12.2]	40.8 [12.0]	39.7 [11.6]	
	Sens BTUH [kW]	27.8 [8.2]	26.6 [7.8]	24.8 [7.3]	33.8 [9.9]	32.4 [9.5]	30.1 [8.8]	39.3 [11.5]	37.6 [11.0]	35.0 [10.3]	
	Power	3.7	3.7	3.6	3.7	3.7	3.6	3.7	3.7	3.6	
110 [43.3]	Total BTUH [kW]	46.3 [13.6]	45.5 [13.3]	44.3 [13.0]	42.6 [12.5]	41.9 [12.3]	40.7 [11.9]	39.6 [11.6]	38.9 [11.4]	37.9 [11.1]	
	Sens BTUH [kW]	26.7 [7.8]	25.6 [7.5]	23.8 [7.0]	32.7 [9.6]	31.3 [9.2]	29.1 [8.5]	38.2 [11.2]	36.6 [10.7]	34.0 [10.0]	
	Power	3.9	3.9	3.9	3.9	3.9	3.8	3.9	3.9	3.8	
115 [46.1]	Total BTUH [kW]	44.3 [13.0]	43.5 [12.8]	42.4 [12.4]	40.6 [11.9]	39.9 [11.7]	38.8 [11.4]	37.6 [11.0]	36.9 [10.8]	35.9 [10.5]	
	Sens BTUH [kW]	25.5 [7.5]	24.4 [7.2]	22.7 [6.7]	31.6 [9.2]	30.2 [8.8]	28.1 [8.2]	37.1 [10.9]	35.5 [10.4]	33.0 [9.7]	
	Power	4.2	4.2	4.1	4.2	4.1	4.1	4.2	4.1	4.1	
120 [48.9]	Total BTUH [kW]	42.2 [12.4]	41.5 [12.2]	40.4 [11.8]	38.5 [11.3]	37.9 [11.1]	36.8 [10.8]	35.5 [10.4]	34.9 [10.2]	34.0 [10.0]	
	Sens BTUH [kW]	24.3 [7.1]	23.3 [6.8]	21.7 [6.3]	30.3 [8.9]	29.0 [8.5]	27.0 [7.9]	35.5 [10.4]	34.3 [10.0]	31.9 [9.3]	
	Power	4.4	4.4	4.3	4.4	4.4	4.3	4.4	4.4	4.3	
125 [51.7]	Total BTUH [kW]	40.1 [11.8]	39.4 [11.5]	38.3 [11.2]	36.4 [10.7]	35.7 [10.5]	34.8 [10.2]	33.4 [9.8]	32.8 [9.6]	31.9 [9.4]	
	Sens BTUH [kW]	23.0 [6.7]	22.0 [6.5]	20.5 [6.0]	29.0 [8.5]	27.8 [8.1]	25.9 [7.6]	33.4 [9.8]	32.8 [9.6]	30.8 [9.0]	
	Power	4.7	4.7	4.6	4.7	4.6	4.6	4.7	4.6	4.6	

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA—RGEA14060C

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			2040 [963]	1700 [802]	1570 [741]	2040 [963]	1700 [802]	1570 [741]	2040 [963]	1700 [802]	1570 [741]
DR ①			0.09	0.15	0.17	0.09	0.15	0.17	0.09	0.15	0.17
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	72.6 [21.3]	70.1 [20.5]	69.1 [20.2]	68.3 [20.0]	65.9 [19.3]	65.0 [19.0]	64.7 [19.0]	62.4 [18.3]	61.5 [18.0]
		Sens BTUH [kW]	43.7 [12.8]	37.5 [11.0]	35.2 [10.3]	50.8 [14.9]	44.1 [12.9]	41.7 [12.2]	57.8 [16.9]	50.6 [14.8]	47.9 [14.0]
		Power	3.8	3.7	3.7	3.8	3.7	3.7	3.7	3.7	3.6
	80 [26.7]	Total BTUH [kW]	70.7 [20.7]	68.2 [20.0]	67.2 [19.7]	66.3 [19.4]	64.0 [18.8]	63.1 [18.5]	62.7 [18.4]	60.5 [17.7]	59.7 [17.5]
		Sens BTUH [kW]	42.9 [12.6]	36.7 [10.8]	34.4 [10.1]	49.9 [14.6]	43.3 [12.7]	40.9 [12.0]	56.9 [16.7]	49.8 [14.6]	47.3 [13.9]
		Power	4.0	3.9	3.9	4.0	3.9	3.9	3.9	3.8	3.8
	85 [29.4]	Total BTUH [kW]	68.6 [20.1]	66.2 [19.4]	65.3 [19.1]	64.3 [18.8]	62.0 [18.2]	61.2 [17.9]	60.7 [17.8]	58.5 [17.1]	57.7 [16.9]
		Sens BTUH [kW]	41.8 [12.2]	35.8 [10.5]	33.7 [9.9]	49.0 [14.4]	42.5 [12.5]	40.2 [11.8]	56.0 [16.4]	49.0 [14.4]	46.5 [13.6]
		Power	4.2	4.1	4.1	4.2	4.1	4.1	4.1	4.1	4.0
	90 [32.2]	Total BTUH [kW]	66.5 [19.5]	64.2 [18.8]	63.3 [18.5]	62.2 [18.2]	60.0 [17.6]	59.2 [17.3]	58.6 [17.2]	56.5 [16.6]	55.7 [16.3]
		Sens BTUH [kW]	40.8 [12.0]	35.0 [10.3]	32.9 [9.6]	47.9 [14.0]	41.6 [12.2]	39.3 [11.5]	54.9 [16.1]	48.1 [14.1]	45.6 [13.4]
		Power	4.4	4.4	4.3	4.4	4.3	4.3	4.4	4.3	4.3
	95 [35]	Total BTUH [kW]	64.4 [18.9]	62.1 [18.2]	61.2 [17.9]	60.1 [17.6]	57.9 [17.0]	57.1 [16.7]	56.4 [16.5]	54.4 [15.9]	53.7 [15.7]
		Sens BTUH [kW]	39.7 [11.6]	34.0 [10.0]	31.9 [9.3]	46.8 [13.7]	40.6 [11.9]	38.4 [11.3]	53.7 [15.7]	47.1 [13.8]	44.7 [13.1]
		Power	4.7	4.6	4.6	4.7	4.6	4.5	4.6	4.5	4.5
	100 [37.8]	Total BTUH [kW]	62.2 [18.2]	60.0 [17.6]	59.1 [17.3]	57.8 [16.9]	55.8 [16.3]	55.0 [16.1]	54.2 [15.9]	52.3 [15.3]	51.6 [15.1]
		Sens BTUH [kW]	38.5 [11.3]	33.0 [9.7]	31.0 [9.1]	45.5 [13.3]	39.6 [11.6]	37.4 [11.0]	52.5 [15.4]	46.1 [13.5]	43.8 [12.8]
		Power	5.0	4.9	4.8	4.9	4.8	4.8	4.9	4.8	4.8
	105 [40.6]	Total BTUH [kW]	59.9 [17.6]	57.8 [16.9]	57.0 [16.7]	55.6 [16.3]	53.6 [15.7]	52.9 [15.5]	51.9 [15.2]	50.1 [14.7]	49.4 [14.5]
		Sens BTUH [kW]	37.2 [10.9]	31.9 [9.3]	30.0 [8.8]	44.4 [13.0]	38.6 [11.3]	36.5 [10.7]	51.3 [15.0]	45.1 [13.2]	42.8 [12.5]
		Power	5.3	5.2	5.1	5.2	5.1	5.1	5.2	5.1	5.1
	110 [43.3]	Total BTUH [kW]	57.5 [16.8]	55.5 [16.3]	54.8 [16.1]	53.2 [15.6]	51.4 [15.1]	50.6 [14.8]	49.6 [14.5]	47.9 [14.0]	47.2 [13.8]
		Sens BTUH [kW]	35.9 [10.5]	30.8 [9.0]	29.0 [8.5]	43.0 [12.6]	37.5 [11.0]	35.4 [10.4]	49.6 [14.5]	44.0 [12.9]	41.8 [12.2]
		Power	5.6	5.5	5.4	5.5	5.4	5.4	5.5	5.4	5.4
	115 [46.1]	Total BTUH [kW]	55.2 [16.2]	53.2 [15.6]	52.5 [15.4]	50.8 [14.9]	49.1 [14.4]	48.4 [14.2]	47.2 [13.8]	45.5 [13.3]	44.9 [13.2]
		Sens BTUH [kW]	34.5 [10.1]	29.6 [8.7]	27.9 [8.2]	41.5 [12.2]	36.3 [10.6]	34.3 [10.0]	47.2 [13.8]	42.7 [12.5]	40.6 [11.9]
		Power	5.9	5.8	5.8	5.9	5.8	5.7	5.8	5.7	5.7

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA— RGEA15024B

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			990 [467]	900 [425]	760 [359]	990 [467]	900 [425]	760 [359]	990 [467]	900 [425]	760 [359]
DR ①			0.18	0.2	0.22	0.18	0.2	0.22	0.18	0.2	0.22
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	30.2 [8.8]	29.7 [8.7]	28.8 [8.4]	28 [8.2]	27.5 [8.1]	26.7 [7.8]	26.3 [7.7]	25.8 [7.6]	25.1 [7.4]
		Sens BTUH [kW]	18.3 [5.4]	17.0 [5.0]	14.9 [4.4]	21.7 [6.4]	20.2 [5.9]	18.0 [5.3]	24.3 [7.1]	22.7 [6.7]	20.4 [6.0]
		Power	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	80 [26.7]	Total BTUH [kW]	29.6 [8.7]	29.1 [8.5]	28.2 [8.3]	27.4 [8.0]	26.9 [7.9]	26.1 [7.6]	25.7 [7.5]	25.2 [7.4]	24.5 [7.2]
		Sens BTUH [kW]	18.0 [5.3]	16.7 [4.9]	14.7 [4.3]	21.4 [6.3]	19.9 [5.8]	17.7 [5.2]	24.0 [7.0]	22.4 [6.6]	20.1 [5.9]
		Power	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	85 [29.4]	Total BTUH [kW]	28.9 [8.5]	28.3 [8.3]	27.5 [8.1]	26.7 [7.8]	26.2 [7.7]	25.4 [7.4]	24.9 [7.3]	24.5 [7.2]	23.8 [7.0]
		Sens BTUH [kW]	17.6 [5.2]	16.2 [4.7]	14.3 [4.2]	20.9 [6.1]	19.5 [5.7]	17.3 [5.1]	23.6 [6.9]	22.1 [6.5]	19.8 [5.8]
		Power	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	90 [32.2]	Total BTUH [kW]	28.0 [8.2]	27.5 [8.1]	26.8 [7.9]	25.8 [7.6]	25.4 [7.4]	24.7 [7.2]	24.1 [7.1]	23.7 [6.9]	23.0 [6.7]
		Sens BTUH [kW]	17.0 [5.0]	15.7 [4.6]	13.9 [4.1]	20.4 [6.0]	19.1 [5.6]	17.1 [5.0]	2.03 [6.7]	21.6 [6.3]	19.4 [5.7]
		Power	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
OUTDOOR DRY BULB TEMPERATURE °F [°C]	95 [35]	Total BTUH [kW]	27.1 [7.9]	26.6 [7.8]	25.9 [7.6]	24.9 [7.3]	24.5 [7.2]	23.8 [7.0]	23.2 [6.8]	22.8 [6.7]	22.2 [6.5]
		Sens BTUH [kW]	16.4 [4.8]	15.2 [4.5]	13.4 [3.9]	19.9 [5.8]	18.6 [5.4]	16.6 [4.9]	22.5 [6.6]	21.1 [6.2]	19.0 [5.6]
		Power	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	100 [37.8]	Total BTUH [kW]	26.1 [7.6]	25.6 [7.5]	24.9 [7.3]	23.9 [7.0]	23.5 [6.9]	22.8 [6.7]	22.2 [6.5]	21.8 [6.4]	21.2 [6.2]
		Sens BTUH [kW]	15.9 [4.7]	14.7 [4.3]	13.0 [3.8]	19.3 [5.7]	18.0 [5.3]	16.0 [4.7]	21.9 [6.4]	20.5 [6.0]	18.5 [5.4]
		Power	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	105 [40.6]	Total BTUH [kW]	25.0 [7.3]	24.5 [7.2]	23.9 [7.0]	22.8 [6.7]	22.4 [6.6]	21.7 [6.4]	21.1 [6.2]	20.7 [6.1]	20.1 [5.9]
		Sens BTUH [kW]	15.2 [4.5]	14.0 [4.1]	12.4 [3.6]	18.6 [5.4]	17.4 [5.1]	15.5 [4.5]	21.1 [6.2]	19.9 [5.8]	17.9 [5.2]
		Power	2.0	2.0	2.0	.02	2.0	2.0	2.0	2.0	2.0
	110 [43.3]	Total BTUH [kW]	23.8 [7.0]	23.3 [6.8]	22.7 [6.7]	21.6 [6.3]	21.2 [6.2]	20.6 [6.0]	19.9 [5.8]	19.5 [5.7]	19.0 [5.6]
		Sens BTUH [kW]	14.4 [4.2]	13.3 [3.9]	11.8 [3.5]	17.9 [5.2]	16.7 [4.9]	14.9 [4.4]	19.9 [5.8]	19.2 [5.6]	17.3 [5.1]
		Power	2.2	2.2	2.1	2.2	2.2	2.1	2.2	2.2	2.1
OUTDOOR DRY BULB TEMPERATURE °F [°C]	115 [46.1]	Total BTUH [kW]	22.5 [6.6]	22.1 [6.5]	21.4 [6.3]	20.2 [5.9]	19.9 [5.8]	19.3 [5.7]	18.5 [5.4]	18.2 [5.3]	17.7 [5.2]
		Sens BTUH [kW]	13.6 [4.0]	12.6 [3.7]	1.01 [3.2]	17.0 [5.0]	15.9 [4.7]	14.2 [4.2]	18.5 [5.4]	18.2 [5.3]	16.6 [4.9]
		Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions



**GROSS SYSTEMS PERFORMANCE DATA—RGEA15030A**

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1070 [505]	975 [460]	830 [392]	1070 [505]	975 [460]	830 [392]	1070 [505]	975 [460]	830 [392]
DR ①			0.16	0.14	0.1	0.16	0.14	0.1	0.16	0.14	0.1
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	36.8 [10.8]	36.1 [10.6]	35.2 [10.3]	34.3 [10.1]	33.7 [9.9]	32.8 [9.6]	32.4 [9.5]	31.8 [9.3]	31.0 [9.1]
		Sens BTUH [kW]	21.5 [6.3]	20.5 [6.0]	19.1 [5.6]	25.1 [7.4]	24.0 [7.0]	22.4 [6.6]	28.3 [8.3]	27.1 [7.9]	25.2 [7.4]
		Power	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.6
	80 [26.7]	Total BTUH [kW]	35.7 [10.5]	35.1 [10.3]	34.2 [10.0]	33.3 [9.7]	32.7 [9.6]	31.8 [9.3]	31.3 [9.2]	30.8 [9.0]	30.0 [8.8]
		Sens BTUH [kW]	21.0 [6.1]	20.1 [5.9]	18.7 [5.5]	24.7 [7.2]	23.6 [6.9]	21.9 [6.4]	27.8 [8.2]	26.6 [7.8]	24.8 [7.3]
		Power	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	85 [29.4]	Total BTUH [kW]	34.7 [10.2]	34.1 [10.0]	33.2 [9.7]	32.2 [9.4]	31.7 [9.3]	30.8 [9.0]	30.3 [8.9]	29.8 [8.7]	29.0 [8.5]
		Sens BTUH [kW]	20.5 [6.0]	19.6 [5.7]	18.2 [5.3]	24.2 [7.1]	23.1 [6.8]	21.5 [6.3]	27.4 [8.0]	26.2 [7.7]	24.3 [7.1]
		Power	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	90 [32.2]	Total BTUH [kW]	33.7 [9.9]	33.1 [9.7]	32.2 [9.4]	31.2 [9.1]	30.6 [9.0]	29.8 [8.7]	29.2 [8.6]	28.7 [8.4]	28.0 [8.2]
		Sens BTUH [kW]	20.0 [5.9]	19.1 [5.6]	17.8 [5.2]	23.6 [6.9]	22.6 [6.6]	21.0 [6.2]	26.8 [7.9]	25.7 [7.5]	23.9 [7.0]
		Power	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
95 [35]	Total BTUH [kW]	32.6 [9.5]	32.0 [9.4]	31.2 [9.1]	30.1 [8.8]	29.6 [8.7]	28.8 [8.4]	28.2 [8.3]	27.7 [8.1]	26.9 [7.9]	
	Sens BTUH [kW]	19.4 [5.7]	18.6 [5.4]	17.3 [5.1]	23.1 [6.8]	22.1 [6.5]	20.5 [6.0]	26.3 [7.7]	25.1 [7.4]	23.4 [6.9]	
	Power	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.0	
100 [37.8]	Total BTUH [kW]	31.5 [9.2]	31.0 [9.1]	30.1 [8.8]	29.0 [8.5]	28.5 [8.4]	27.7 [8.1]	27.1 [7.9]	26.6 [7.8]	25.9 [7.6]	
	Sens BTUH [kW]	18.8 [5.5]	18.0 [5.3]	16.8 [4.9]	22.5 [6.6]	21.5 [6.3]	20.0 [5.9]	25.7 [7.5]	24.6 [7.2]	22.9 [6.7]	
	Power	2.2	2.2	2.1	2.2	2.2	2.1	2.2	2.1	2.1	
105 [40.6]	Total BTUH [kW]	30.4 [8.9]	29.9 [8.8]	29.1 [8.5]	27.9 [8.2]	27.4 [8.0]	26.7 [7.8]	26.0 [7.6]	25.6 [7.5]	24.9 [7.3]	
	Sens BTUH [kW]	18.2 [5.3]	17.4 [5.1]	16.2 [4.8]	21.9 [6.4]	20.9 [6.1]	19.5 [5.7]	25.1 [7.4]	24.0 [7.0]	22.3 [6.5]	
	Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	
110 [43.3]	Total BTUH [kW]	29.3 [8.6]	28.8 [8.4]	28.0 [8.2]	26.8 [7.9]	26.4 [7.7]	25.6 [7.5]	24.9 [7.3]	24.5 [7.2]	23.8 [7.0]	
	Sens BTUH [kW]	17.6 [5.2]	16.8 [4.9]	15.7 [4.6]	21.3 [6.2]	20.3 [6.0]	18.9 [5.5]	24.4 [7.2]	23.4 [6.9]	21.8 [6.4]	
	Power	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
115 [46.1]	Total BTUH [kW]	28.2 [8.3]	27.7 [8.1]	27.0 [7.9]	25.7 [7.5]	25.3 [7.4]	24.6 [7.2]	23.8 [7.0]	23.4 [6.8]	22.7 [6.7]	
	Sens BTUH [kW]	16.9 [5.0]	16.2 [4.7]	15.1 [4.4]	20.6 [6.0]	19.7 [5.8]	18.3 [5.4]	23.8 [7.0]	22.7 [6.7]	21.2 [6.2]	
	Power	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.6	2.5	
120 [48.9]	Total BTUH [kW]	27.1 [7.9]	26.6 [7.8]	25.9 [7.6]	24.6 [7.2]	24.2 [7.1]	23.5 [6.9]	22.7 [6.6]	22.3 [6.5]	21.7 [6.3]	
	Sens BTUH [kW]	16.2 [4.8]	15.5 [4.5]	14.4 [4.2]	19.9 [5.8]	19.0 [5.6]	17.7 [5.2]	22.7 [6.6]	22.1 [6.5]	20.5 [6.0]	
	Power	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
125 [51.7]	Total BTUH [kW]	25.9 [7.6]	25.5 [7.5]	24.8 [7.3]	23.4 [6.9]	23.0 [6.7]	22.4 [6.6]	21.5 [6.3]	21.1 [6.2]	20.6 [6.0]	
	Sens BTUH [kW]	15.5 [4.5]	14.8 [4.3]	13.8 [4.0]	19.2 [5.6]	18.3 [5.4]	17.1 [5.0]	21.5 [6.3]	21.1 [6.2]	19.9 [5.8]	
	Power	2.9	2.9	2.8	2.9	2.9	2.8	2.9	2.9	2.8	

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions





GROSS SYSTEMS PERFORMANCE DATA—RGEA15036B

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1320 [623]	1115 [526]	1020 [481]	1320 [623]	1115 [526]	1020 [481]	1320 [623]	1115 [526]	1020 [481]
DR ①			0.17	0.22	0.25	0.17	0.22	0.25	0.17	0.22	0.25
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	46.0 [13.5] 27.5 [8.1] 2.1	44.6 [13.1] 23.9 [7.0] 2.1	43.9 [12.9] 22.3 [6.5] 2.1	42.7 [12.5] 31.3 [9.2] 2.1	41.4 [12.1] 27.5 [8.1] 2.1	40.7 [11.9] 25.7 [7.5] 2.1	39.9 [11.7] 34.6 [10.1] 2.1	38.6 [11.3] 30.6 [9.0] 2.1	38.0 [11.1] 28.8 [8.4] 2.1
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	44.7 [13.1] 26.8 [7.9] 2.2	43.2 [12.7] 23.2 [6.8] 2.2	42.6 [12.5] 21.7 [6.4] 2.2	41.4 [12.1] 30.6 [9.0] 2.2	40.0 [11.7] 26.8 [7.9] 2.2	39.4 [11.5] 25.2 [7.4] 2.2	38.6 [11.3] 33.9 [9.9] 2.2	37.3 [10.9] 29.9 [8.8] 2.2	36.7 [10.8] 28.1 [8.2] 2.2
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	43.3 [12.7] 26.1 [7.6] 2.4	41.9 [12.3] 22.6 [6.6] 2.3	41.2 [12.1] 21.0 [6.2] 2.3	40.0 [11.7] 29.9 [8.8] 2.4	38.7 [11.3] 26.2 [7.7] 2.3	38.1 [11.2] 24.6 [7.2] 2.3	37.2 [10.9] 33.1 [9.7] 2.4	36.0 [10.5] 29.3 [8.6] 2.3	35.4 [10.4] 27.6 [8.1] 2.3
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	41.9 [12.3] 25.2 [7.4] 2.5	40.5 [11.9] 21.8 [6.4] 2.5	39.9 [11.7] 20.4 [6.0] 2.5	38.6 [11.3] 29.0 [8.5] 2.5	37.3 [10.9] 25.4 [7.4] 2.5	36.7 [10.8] 23.8 [7.0] 2.4	35.8 [10.5] 32.2 [9.4] 2.5	34.6 [10.1] 28.5 [8.4] 2.5	34.1 [10.0] 26.9 [7.9] 2.4
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	40.4 [11.8] 24.3 [7.1] 2.7	39.1 [11.5] 21.1 [6.2] 2.6	38.5 [11.3] 19.7 [5.8] 2.6	37.1 [10.9] 28.1 [8.2] 2.7	35.9 [10.5] 24.7 [7.2] 2.6	35.4 [10.4] 23.2 [6.8] 2.6	34.3 [10.0] 31.4 [9.2] 2.6	33.2 [9.7] 27.8 [8.1] 2.6	32.7 [9.6] 26.2 [7.7] 2.6
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	39.0 [11.4] 23.5 [6.9] 2.8	37.7 [11.0] 20.3 [5.9] 2.8	37.1 [10.9] 18.9 [5.5] 2.8	35.7 [10.5] 27.3 [8.0] 2.8	34.5 [10.1] 23.9 [7.0] 2.8	34.0 [10.0] 22.5 [6.6] 2.8	32.9 [9.6] 30.5 [8.9] 2.8	31.8 [9.3] 27.0 [7.9] 2.8	31.3 [9.2] 25.4 [7.4] 2.8
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	37.5 [11.0] 22.5 [6.6] 3.0	36.3 [10.6] 19.5 [5.7] 3.0	35.7 [10.5] 18.1 [5.3] 2.9	34.2 [10.0] 26.3 [7.7] 3.0	33.1 [9.7] 23.1 [6.8] 3.0	32.6 [9.6] 21.7 [6.4] 2.9	31.4 [9.2] 29.5 [8.6] 3.0	30.4 [8.9] 26.2 [7.7] 3.0	29.9 [8.8] 24.7 [7.2] 2.9
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	36.0 [10.5] 21.5 [6.3] 3.2	34.8 [10.2] 18.6 [5.4] 3.2	34.3 [10.0] 17.4 [5.1] 3.1	32.7 [9.6] 25.3 [7.4] 3.2	31.6 [9.3] 22.2 [6.5] 3.2	31.1 [9.1] 20.8 [6.1] 3.1	29.9 [8.8] 28.7 [8.4] 3.2	28.9 [8.5] 25.4 [7.4] 3.1	28.5 [8.4] 24.0 [7.0] 3.1
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	34.5 [10.1] 20.5 [6.0] 3.4	33.3 [9.8] 17.7 [5.2] 3.4	32.8 [9.6] 16.5 [4.8] 3.3	31.1 [9.1] 24.2 [7.1] 3.4	30.1 [8.8] 21.3 [6.2] 3.4	29.7 [8.7] 20.1 [5.9] 3.3	28.3 [8.3] 27.6 [8.1] 3.4	27.4 [8.0] 24.5 [7.2] 3.3	27.0 [7.9] 23.1 [6.8] 3.3

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA—RGEA15042B

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1430 [675]	1200 [566]	1100 [519]	1430 [675]	1200 [566]	1100 [519]	1430 [675]	1200 [566]	1100 [519]
DR ①			0.04	0.08	0.11	0.04	0.08	0.11	0.04	0.08	0.11
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	52.7 [15.4]	50.9 [14.9]	50.2 [14.7]	49.2 [14.4]	47.6 [13.9]	46.8 [13.7]	46.0 [13.5]	44.5 [13.0]	43.8 [12.8]
		Sens BTUH [kW]	32.5 [9.5]	28.0 [8.2]	26.2 [7.7]	37.3 [10.9]	32.6 [9.6]	30.6 [9.0]	41.2 [12.1]	36.3 [10.6]	34.2 [10.0]
		Power	2.5	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4
	80 [26.7]	Total BTUH [kW]	51.2 [15.0]	49.5 [14.5]	48.7 [14.3]	47.7 [14.0]	46.1 [13.5]	45.4 [13.3]	44.5 [13.0]	43.0 [12.6]	42.3 [12.4]
		Sens BTUH [kW]	31.8 [9.3]	27.5 [8.1]	25.7 [7.5]	36.7 [10.8]	32.1 [9.4]	30.2 [8.8]	40.6 [11.9]	35.8 [10.5]	33.7 [9.9]
		Power	2.6	2.6	2.5	2.6	2.5	2.5	2.6	2.5	2.5
	85 [29.4]	Total BTUH [kW]	49.6 [14.5]	48.0 [14.1]	47.2 [13.8]	46.1 [13.5]	44.6 [13.1]	43.9 [12.9]	42.9 [12.6]	41.5 [12.2]	40.8 [12.0]
		Sens BTUH [kW]	31.0 [9.1]	26.9 [7.9]	25.1 [7.4]	36.0 [10.5]	31.5 [9.2]	29.6 [8.7]	39.8 [11.7]	35.1 [10.3]	33.1 [9.7]
		Power	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
	90 [32.2]	Total BTUH [kW]	48.0 [14.1]	46.4 [13.6]	45.7 [13.4]	44.5 [13.0]	43.0 [12.6]	42.4 [12.4]	41.3 [12.1]	39.9 [11.7]	39.3 [11.5]
		Sens BTUH [kW]	30.3 [8.9]	26.2 [7.7]	24.5 [7.2]	35.1 [10.3]	30.7 [9.0]	28.9 [8.5]	39.0 [11.4]	34.4 [10.1]	32.5 [9.5]
		Power	2.9	2.8	2.8	2.9	2.8	2.8	2.9	2.8	2.8
95 [35]	Total BTUH [kW]	46.4 [13.6]	44.8 [13.1]	44.2 [13.0]	42.9 [12.6]	41.5 [12.2]	40.8 [12.0]	39.7 [11.6]	38.4 [11.3]	37.8 [11.1]	
	Sens BTUH [kW]	29.3 [8.6]	25.3 [7.4]	23.7 [6.9]	34.2 [10.0]	30.0 [8.8]	28.2 [8.3]	38.1 [11.2]	33.7 [9.9]	31.8 [9.3]	
	Power	3.1	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	
100 [37.8]	Total BTUH [kW]	44.8 [13.1]	43.3 [12.7]	42.6 [12.5]	41.3 [12.1]	39.9 [11.7]	39.3 [11.5]	38.1 [11.2]	36.8 [10.8]	36.2 [10.6]	
	Sens BTUH [kW]	28.4 [8.3]	24.6 [7.2]	23.0 [6.7]	33.2 [9.7]	29.1 [8.5]	27.4 [8.0]	37.2 [10.9]	32.8 [9.6]	30.9 [9.1]	
	Power	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	
105 [40.6]	Total BTUH [kW]	43.1 [12.6]	41.6 [12.2]	41.0 [12.0]	39.6 [11.6]	38.3 [11.2]	37.7 [11.0]	36.4 [10.7]	35.2 [10.3]	34.6 [10.1]	
	Sens BTUH [kW]	27.2 [8.0]	23.5 [6.9]	22.0 [6.4]	32.1 [9.4]	28.2 [8.3]	26.5 [7.8]	36.0 [10.5]	31.8 [9.3]	30.0 [8.8]	
	Power	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.4	3.3	
110 [43.3]	Total BTUH [kW]	41.4 [12.1]	40.0 [11.7]	39.4 [11.5]	37.9 [11.1]	36.6 [10.7]	36.0 [10.5]	34.7 [10.2]	33.5 [9.8]	33.0 [9.7]	
	Sens BTUH [kW]	26.0 [7.6]	22.5 [6.6]	21.0 [6.2]	30.9 [9.1]	27.1 [7.9]	25.5 [7.5]	34.7 [10.2]	30.7 [9.0]	29.0 [8.5]	
	Power	3.6	3.6	3.6	3.6	3.6	3.5	3.6	3.6	3.5	
115 [46.1]	Total BTUH [kW]	39.6 [11.6]	38.3 [11.2]	37.7 [11.0]	36.1 [10.6]	34.9 [10.2]	34.4 [10.1]	32.9 [9.6]	31.8 [9.3]	31.3 [9.2]	
	Sens BTUH [kW]	24.7 [7.2]	21.4 [6.3]	20.0 [5.9]	29.5 [8.6]	25.9 [7.6]	24.4 [7.1]	32.9 [9.6]	29.6 [8.7]	28.0 [8.2]	
	Power	3.9	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.8	

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA—RGEA15048A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1700 [802]	1550 [732]	1320 [623]	1700 [802]	1550 [732]	1320 [623]	1700 [802]	1550 [732]	1320 [623]
DR ①			0.19	0.18	0.15	0.19	0.18	0.15	0.19	0.18	0.15
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	58.3 [17.1]	57.3 [16.8]	55.8 [16.3]	54.6 [16.0]	53.7 [15.7]	52.2 [15.3]	51.6 [15.1]	50.7 [14.9]	49.3 [14.5]
		Sens BTUH [kW]	33.2 [9.7]	31.8 [9.3]	29.6 [8.7]	39.2 [11.5]	37.5 [11.0]	34.9 [10.2]	44.7 [13.1]	42.8 [12.5]	39.8 [11.7]
		Power	2.7	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6
	80 [26.7]	Total BTUH [kW]	56.8 [16.7]	55.8 [16.4]	54.3 [15.9]	53.1 [15.6]	52.2 [15.3]	50.8 [14.9]	50.1 [14.7]	49.2 [14.4]	47.9 [14.0]
		Sens BTUH [kW]	32.5 [9.5]	31.1 [9.1]	28.9 [8.5]	38.5 [11.3]	36.8 [10.8]	34.3 [10.0]	44.0 [12.9]	42.1 [12.3]	39.2 [11.5]
		Power	2.8	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.7
	85 [29.4]	Total BTUH [kW]	55.3 [16.2]	54.3 [15.9]	52.8 [15.5]	51.5 [15.1]	50.6 [14.8]	49.3 [14.4]	48.5 [14.2]	47.7 [14.0]	46.4 [13.6]
		Sens BTUH [kW]	31.7 [9.3]	30.3 [8.9]	28.2 [8.3]	37.7 [11.0]	36.0 [10.6]	33.6 [9.8]	43.2 [12.7]	41.3 [12.1]	38.4 [11.3]
		Power	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	90 [32.2]	Total BTUH [kW]	53.6 [15.7]	52.7 [15.4]	51.3 [15.0]	49.9 [14.6]	49.0 [14.4]	47.7 [14.0]	46.9 [13.7]	46.1 [13.5]	44.8 [13.1]
Sens BTUH [kW]		30.8 [9.0]	29.5 [8.6]	27.4 [8.0]	36.8 [10.8]	35.2 [10.3]	32.8 [9.6]	42.3 [12.4]	40.5 [11.9]	37.7 [11.0]	
Power		3.1	3.1	3.1	3.1	3.1	3.0	3.1	3.1	3.0	
95 [35]	Total BTUH [kW]	51.9 [15.2]	51.0 [14.9]	49.6 [14.5]	48.2 [14.1]	47.3 [13.9]	46.1 [13.5]	45.2 [13.2]	44.4 [13.0]	43.2 [12.7]	
	Sens BTUH [kW]	29.9 [8.8]	28.6 [8.4]	26.6 [7.8]	35.9 [10.5]	34.3 [10.1]	32.0 [9.4]	41.4 [12.1]	39.6 [11.6]	36.8 [10.8]	
	Power	3.3	3.3	3.2	3.3	3.3	3.2	3.3	3.3	3.2	
100 [37.8]	Total BTUH [kW]	50.1 [14.7]	49.2 [14.4]	47.9 [14.0]	46.4 [13.6]	45.6 [13.4]	44.3 [13.0]	43.4 [12.7]	42.6 [12.5]	41.5 [12.2]	
	Sens BTUH [kW]	28.9 [8.5]	27.6 [8.1]	25.7 [7.5]	34.9 [10.2]	33.4 [9.8]	31.1 [9.1]	40.4 [11.8]	38.6 [11.3]	36.0 [10.5]	
	Power	3.5	3.5	3.4	3.5	3.5	3.4	3.5	3.4	3.4	
105 [40.6]	Total BTUH [kW]	48.2 [14.1]	47.4 [13.9]	46.1 [13.5]	44.5 [13.0]	43.7 [12.8]	42.6 [12.5]	41.5 [12.2]	40.8 [12.0]	39.7 [11.6]	
	Sens BTUH [kW]	27.8 [8.2]	26.6 [7.8]	24.8 [7.3]	33.8 [9.9]	32.4 [9.5]	30.1 [8.8]	39.3 [11.5]	37.6 [11.0]	35.0 [10.3]	
	Power	3.7	3.7	3.6	3.7	3.7	3.6	3.7	3.7	3.6	
110 [43.3]	Total BTUH [kW]	46.3 [13.6]	45.5 [13.3]	44.3 [13.0]	42.6 [12.5]	41.9 [12.3]	40.7 [11.9]	39.6 [11.6]	38.9 [11.4]	37.9 [11.1]	
	Sens BTUH [kW]	26.7 [7.8]	25.6 [7.5]	23.8 [7.0]	32.7 [9.6]	31.3 [9.2]	29.1 [8.5]	38.2 [11.2]	36.6 [10.7]	34.0 [10.0]	
	Power	3.9	3.9	3.9	3.9	3.9	3.8	3.9	3.9	3.8	
115 [46.1]	Total BTUH [kW]	44.3 [13.0]	43.5 [12.8]	42.4 [12.4]	40.6 [11.9]	39.9 [11.7]	38.8 [11.4]	37.6 [11.0]	36.9 [10.8]	35.9 [10.5]	
	Sens BTUH [kW]	25.5 [7.5]	24.4 [7.2]	22.7 [6.7]	31.6 [9.2]	30.2 [8.8]	28.1 [8.2]	37.1 [10.9]	35.5 [10.4]	33.0 [9.7]	
	Power	4.2	4.2	4.1	4.2	4.1	4.1	4.2	4.1	4.1	
120 [48.9]	Total BTUH [kW]	42.2 [12.4]	41.5 [12.2]	40.4 [11.8]	38.5 [11.3]	37.9 [11.1]	36.8 [10.8]	35.5 [10.4]	34.9 [10.2]	34.0 [10.0]	
	Sens BTUH [kW]	24.3 [7.1]	23.3 [6.8]	21.7 [6.3]	30.3 [8.9]	29.0 [8.5]	27.0 [7.9]	35.5 [10.4]	34.3 [10.0]	31.9 [9.3]	
	Power	4.4	4.4	4.3	4.4	4.4	4.3	4.4	4.4	4.3	
125 [51.7]	Total BTUH [kW]	40.1 [11.8]	39.4 [11.5]	38.3 [11.2]	36.4 [10.7]	35.7 [10.5]	34.8 [10.2]	33.4 [9.8]	32.8 [9.6]	31.9 [9.4]	
	Sens BTUH [kW]	23.0 [6.7]	22.0 [6.5]	20.5 [6.0]	29.0 [8.5]	27.8 [8.1]	25.9 [7.6]	33.4 [9.8]	32.8 [9.6]	30.8 [9.0]	
	Power	4.7	4.7	4.6	4.7	4.6	4.6	4.7	4.6	4.6	

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA – RGEA15060A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			2040 [963]	1700 [802]	1570 [741]	2040 [963]	1700 [802]	1570 [741]	2040 [963]	1700 [802]	1570 [741]
DR ①			0.09	0.15	0.17	0.09	0.15	0.17	0.09	0.15	0.17
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	72.6 [21.3]	70.1 [20.5]	69.1 [20.2]	68.3 [20.0]	65.9 [19.3]	65.0 [19.0]	64.7 [19.0]	62.4 [18.3]	61.5 [18.0]
		Sens BTUH [kW]	43.7 [12.8]	37.5 [11.0]	35.2 [10.3]	50.8 [14.9]	44.1 [12.9]	41.7 [12.2]	57.8 [16.9]	50.6 [14.8]	47.9 [14.0]
		Power	3.8	3.7	3.7	3.8	3.7	3.7	3.7	3.7	3.6
	80 [26.7]	Total BTUH [kW]	70.7 [20.7]	68.2 [20.0]	67.2 [19.7]	66.3 [19.4]	64.0 [18.8]	63.1 [18.5]	62.7 [18.4]	60.5 [17.7]	59.7 [17.5]
		Sens BTUH [kW]	42.9 [12.6]	36.7 [10.8]	34.4 [10.1]	49.9 [14.6]	43.3 [12.7]	40.9 [12.0]	56.9 [16.7]	49.8 [14.6]	47.3 [13.9]
		Power	4.0	3.9	3.9	4.0	3.9	3.9	3.9	3.8	3.8
	85 [29.4]	Total BTUH [kW]	68.6 [20.1]	66.2 [19.4]	65.3 [19.1]	64.3 [18.8]	62.0 [18.2]	61.2 [17.9]	60.7 [17.8]	58.5 [17.1]	57.7 [16.9]
		Sens BTUH [kW]	41.8 [12.2]	35.8 [10.5]	33.7 [9.9]	49.0 [14.4]	42.5 [12.5]	40.2 [11.8]	56.0 [16.4]	49.0 [14.4]	46.5 [13.6]
		Power	4.2	4.1	4.1	4.2	4.1	4.1	4.1	4.1	4.0
	90 [32.2]	Total BTUH [kW]	66.5 [19.5]	64.2 [18.8]	63.3 [18.5]	62.2 [18.2]	60.0 [17.6]	59.2 [17.3]	58.6 [17.2]	56.5 [16.6]	55.7 [16.3]
Sens BTUH [kW]		40.8 [12.0]	35.0 [10.3]	32.9 [9.6]	47.9 [14.0]	41.6 [12.2]	39.3 [11.5]	54.9 [16.1]	48.1 [14.1]	45.6 [13.4]	
Power		4.4	4.4	4.3	4.4	4.3	4.3	4.4	4.3	4.3	
95 [35]	Total BTUH [kW]	64.4 [18.9]	62.1 [18.2]	61.2 [17.9]	60.1 [17.6]	57.9 [17.0]	57.1 [16.7]	56.4 [16.5]	54.4 [15.9]	53.7 [15.7]	
	Sens BTUH [kW]	39.7 [11.6]	34.0 [10.0]	31.9 [9.3]	46.8 [13.7]	40.6 [11.9]	38.4 [11.3]	53.7 [15.7]	47.1 [13.8]	44.7 [13.1]	
	Power	4.7	4.6	4.6	4.7	4.6	4.5	4.6	4.5	4.5	
100 [37.8]	Total BTUH [kW]	62.2 [18.2]	60.0 [17.6]	59.1 [17.3]	57.8 [16.9]	55.8 [16.3]	55.0 [16.1]	54.2 [15.9]	52.3 [15.3]	51.6 [15.1]	
	Sens BTUH [kW]	38.5 [11.3]	33.0 [9.7]	31.0 [9.1]	45.5 [13.3]	39.6 [11.6]	37.4 [11.0]	52.5 [15.4]	46.1 [13.5]	43.8 [12.8]	
	Power	5.0	4.9	4.8	4.9	4.8	4.8	4.9	4.8	4.8	
105 [40.6]	Total BTUH [kW]	59.9 [17.6]	57.8 [16.9]	57.0 [16.7]	55.6 [16.3]	53.6 [15.7]	52.9 [15.5]	51.9 [15.2]	50.1 [14.7]	49.4 [14.5]	
	Sens BTUH [kW]	37.2 [10.9]	31.9 [9.3]	30.0 [8.8]	44.4 [13.0]	38.6 [11.3]	36.5 [10.7]	51.3 [15.0]	45.1 [13.2]	42.8 [12.5]	
	Power	5.3	5.2	5.1	5.2	5.1	5.1	5.2	5.1	5.1	
110 [43.3]	Total BTUH [kW]	57.5 [16.8]	55.5 [16.3]	54.8 [16.1]	53.2 [15.6]	51.4 [15.1]	50.6 [14.8]	49.6 [14.5]	47.9 [14.0]	47.2 [13.8]	
	Sens BTUH [kW]	35.9 [10.5]	30.8 [9.0]	29.0 [8.5]	43.0 [12.6]	37.5 [11.0]	35.4 [10.4]	49.6 [14.5]	44.0 [12.9]	41.8 [12.2]	
	Power	5.6	5.5	5.4	5.5	5.4	5.4	5.5	5.4	5.4	
115 [46.1]	Total BTUH [kW]	55.2 [16.2]	53.2 [15.6]	52.5 [15.4]	50.8 [14.9]	49.1 [14.4]	48.4 [14.2]	47.2 [13.8]	45.5 [13.3]	44.9 [13.2]	
	Sens BTUH [kW]	34.5 [10.1]	29.6 [8.7]	27.9 [8.2]	41.5 [12.2]	36.3 [10.6]	34.3 [10.0]	47.2 [13.8]	42.7 [12.5]	40.6 [11.9]	
	Power	5.9	5.8	5.8	5.9	5.8	5.7	5.8	5.7	5.7	

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions

RGEA14/15 STANDARD/LOW NO_x MODELS

INPUT	06*	08*	10*
Heating Input Btu [kW]	60,000 [17.58]	80,000 [23.44]	100,000 [29.3]
Heating Output Btu [kW]	48,000 [14.06]	65,000 [19.04]	81,000 [23.73]
Temperature Rise Range	40-70 [22.2-38.9]	35-65 [19.4-36.1]	45-75 [25-41.7]
AFUE %	81	81	81
Steady State Efficiency (%)	82	82	82
No. Burners	3	4	5
No. Stages	1	1	1
Gas Connection Pipe Size In. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]

RGEA14 ULN MODELS

ULN INPUT	40	60	80		100	
ULN Tonnage	2 / 2.5 TON	2 / 2.5 / 3 TON	3 TON	3.5 / 4 TON	4 TON	5 TON
Heating input Btu [kW]	40,000 [11.7]	60,000 [17.58]	80,000 [23.44]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	32800 [9.61]	48,000 [14.06]	65,000 [19.04]	65,000 [19.04]	81,000 [23.73]	81,000 [23.73]
Temperature Rise Range	30-60 [16.6-33.3]	40-70 [22.2-38.9]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	40-70 [22.2-38.9]	35-65 [19.4-36.1]
AFUE %	81	81	81	81	81	81
Steady State Efficiency (%)	82	82	82	82	82	82
No. Burners	N/A	N/A	N/A	N/A	N/A	N/A
No. Stages	1	1	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14/15 — 208 /230 VOLTS — STANDARD/LOW NOx MODELS CONSTANT TORQUE MOTOR



Air

Indoor Airflow Performance
RGEA14/15 Series

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)											
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]		
2.0 [7.03]	Tap 5		700 CFM / 950 CFM	10X9 Blower 1/3 HP [249] 5 Speed (Constant Torque)	Tap 1 FAN	CFM	805 [380]	749 [353]	702 [331]	634 [299]	580 [274]	542 [256]	480 [227]	438 [207]				
						RPM	674	721	783	832	886	916	962	1004				
						Watts	97	104	113	117	126	128	131	142				
		Tap 2			60,000 [17.58]	Tap 2 60K	CFM	917 [433]	865 [408]	826 [390]	771 [364]	730 [345]	677 [320]	628 [296]	596 [281]			
							RPM	772	810	860	905	945	985	1013	1052			
		Tap 3			80,000 [23.45]	Tap 3 80K	Watts	142	149	159	164	175	177	180	189			
							CFM	1196 [564]	1154 [545]	1111 [524]	1078 [509]	1039 [490]	967 [456]	876 [413]	791 [373]			
								Tap 4 Low Static Cool	RPM	789	1425	874	921	965	1002	1041	1070	
									Watts	155	159	170	176	185	188	196	200	
								Tap 5 High Static Cool	CFM	1005 [474]	956 [451]	916 [432]	878 [414]	808 [381]	778 [367]	734 [346]	698 [329]	
RPM	822		872	907					954	998	1036	1070	1103					
2.5 [8.79]	Tap 5		850 CFM / 1150 CFM	10X9 Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 1 FAN	Watts	178	192	198	208	212	224	224	234				
						CFM	917 [433]	865 [408]	826 [390]	771 [364]	730 [345]	677 [320]	628 [296]	596 [281]				
						RPM	772	810	860	905	945	985	1013	1052				
		Tap 2			60,000 [17.58]	Tap 2 60K	Watts	142	149	159	164	175	177	180	189			
							CFM	917 [433]	865 [408]	826 [390]	771 [364]	730 [345]	677 [320]	628 [296]	596 [281]			
		Tap 3			80,000 [23.45]	Tap 3 80K	RPM	772	810	860	905	945	985	1013	1052			
							Watts	142	149	159	164	175	177	180	189			
								Tap 4 Low Static Cool	CFM	1227 [579]	1180 [557]	1160 [547]	1123 [530]	1090 [514]	1054 [497]	1008 [476]	882 [416]	
									RPM	930	976	1006	1029	1065	1089	1124	1154	
								Tap 5 High Static Cool	Watts	264	276	288	291	300	305	311	292	
									CFM	1013 [478]	980 [463]	939 [443]	893 [421]	864 [408]	792 [374]	752 [355]	687 [324]	
								Tap 5 High Static Cool	RPM	820	854	901	934	976	1022	1064	1097	
Watts	171		177	187					190	202	207	217	222					
				Tap 5 High Static Cool	CFM	1227 [579]	1180 [557]	1160 [547]	1123 [530]	1090 [514]	1054 [497]	1008 [476]	882 [416]					
					RPM	930	976	1006	1029	1065	1089	1124	1154					
				Tap 5 High Static Cool	Watts	264	276	288	291	300	305	311	292					
					CFM	1013 [478]	980 [463]	939 [443]	893 [421]	864 [408]	792 [374]	752 [355]	687 [324]					

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

[] Designates Metric Conversions



INTEGRATED AIR & WATER

INDOOR AIRFLOW PERFORMANCE RGEA14/15 — 208 /230 VOLTS — STANDARD/LOW NOx MODELS CONSTANT TORQUE MOTOR (continued)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]	
3.0 [10.55]	Tap 1	Tap 1	60,000 [17.58]	1000 CFM/1400 CFM	12x9T Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 FAN	CFM	907 [428]	850 [401]	801 [378]	723 [341]	648 [306]	576 [272]	520 [245]	432 [204]		
							RPM	632	690	730	778	829	856	894	922		
							Watts	120	130	142	145	159	161	169	173		
	Tap 2	Tap 2	80,000 [23.45]			Tap 2 80K	CFM	1362 [643]	1322 [624]	1281 [605]	1247 [589]	1213 [572]	1158 [547]	1097 [518]	1058 [499]	996 [470]	856 [404]
							RPM	833	866	895	926	962	999	1034	1062	1098	1128
							Watts	320	332	336	346	362	374	380	386	403	385
	Tap 3	Tap 3	100,000 [29.31]			Tap 3 100K	CFM	1434 [677]	1419 [670]	1387 [655]	1340 [632]	1310 [618]	1258 [594]	1198 [565]	1160 [547]	1085 [512]	930 [439]
							RPM	866	882	920	944	981	1008	1051	1078	1106	1131
							Watts	372	377	390	399	413	421	426	443	445	412
	Tap 4	Tap 4				Tap 4 Low Static Cool	CFM	1169 [552]	1115 [526]	1086 [513]	1047 [494]	983 [464]	931 [439]	855 [404]	784 [370]		
							RPM	749	803	819	856	901	938	985	1029		
							Watts	217	231	233	246	259	266	277	289		
	Tap 5	Tap 5				Tap 5 High Static Cool	CFM	1434 [677]	1419 [670]	1387 [655]	1340 [632]	1310 [618]	1258 [594]	1198 [565]	1160 [547]	1085 [512]	930 [439]
							RPM	866	882	920	944	981	1008	1051	1078	1106	1131
							Watts	372	377	390	399	413	421	426	443	445	412

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)

CFM [L/s]	800 [378]	1000 [472]	1200 [566]	1400 [661]	1600 [755]	1800 [849]	2000 [944]
Pressure Drop—Inches W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]	.12 [.030]	.15 [.037]	.17 [.042]

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14 — 208 /230 VOLTS — STANDARD/LOW NOx MODELS

CONSTANT TORQUE MOTOR

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]	
3.5 [12.31]	Tap 5			1200 CFM/ 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 FAN	CFM	1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]	1001 [472]	939 [443]
			RPM			827	856	874	913	949	983	1013	1048	1092	1127		
			Watts			298	308	313	325	341	352	361	374	387	402		
		Tap 2	80,000 [23.45]			Tap 2 80K	CFM	1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]	1001 [472]	939 [443]
						RPM	827	856	874	913	949	983	1013	1048	1092	1127	
						Watts	298	308	313	325	341	352	361	374	387	402	
						Tap 3 100K	CFM	1453 [686]	1424 [672]	1395 [658]	1347 [636]	1321 [623]	1279 [604]	1250 [590]	1214 [573]	1157 [546]	1119 [528]
						RPM	836	867	904	942	953	992	1019	1048	1091	1114	
						Watts	334	349	364	377	380	394	409	418	433	442	
						Tap 4 Low Static Cool	CFM	1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]	1001 [472]	939 [443]
						RPM	827	856	874	913	949	983	1013	1048	1092	1127	
						Watts	298	308	313	325	341	352	361	374	387	402	
					Tap 5 High Static Cool	CFM	1591 [751]	1563 [738]	1558 [735]	1519 [717]	1490 [703]	1458 [688]	1410 [665]	1363 [643]	1277 [603]	1122 [530]	
					RPM	949	981	999	1027	1051	1086	1109	1129	1140	1158		
					Watts	476	490	501	515	527	542	546	543	522	478		
4.0 [14.07]	Tap 5			1350 CFM/ 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 FAN	CFM	1340 [632]	1305 [616]	1263 [596]	1227 [579]	1186 [560]	1162 [548]	1104 [521]	1020 [481]	960 [453]	897 [423]
			RPM			776	796	831	869	898	925	966	1011	1044	1076		
			Watts			261	268	279	291	303	310	323	339	351	361		
		Tap 2	80,000 [23.45]			Tap 2 80K	CFM	1340 [632]	1305 [616]	1263 [596]	1227 [579]	1186 [560]	1162 [548]	1104 [521]	1020 [481]	960 [453]	897 [423]
						RPM	776	796	831	869	898	925	966	1011	1044	1076	
						Watts	261	268	279	291	303	310	323	339	351	361	
		Tap 3	100,000 [29.31]			Tap 3 100K	CFM	1467 [692]	1448 [683]	1404 [663]	1373 [648]	1339 [632]	1306 [616]	1250 [590]	1210 [571]	1164 [549]	1087 [513]
						RPM	826	855	884	910	939	969	1003	1030	1067	1108	
						Watts	328	344	348	363	379	387	398	408	418	434	
		Tap 4 Low Static Cool	CFM			1634 [771]	1595 [753]	1547 [730]	1530 [722]	1487 [702]	1462 [690]	1438 [679]	1378 [650]	1352 [638]	1298 [613]		
						RPM	894	923	950	981	1000	1030	1051	1079	1106	1126	
						Watts	432	446	451	468	479	490	508	510	520	520	
				Tap 5 High Static Cool	CFM	1941 [916]	1915 [904]	1878 [886]	1814 [856]	1773 [837]	1709 [807]	1655 [781]	1570 [741]	1488 [702]	1374 [648]		
				RPM	1028	1047	1068	1091	1104	1113	1124	1136	1142	1147			
				Watts	708	725	729	727	717	696	673	647	618	571			

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14 — 208 /230 VOLTS — STANDARD/LOW NOX MODELS CONSTANT TORQUE MOTOR (continued)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]	
5.0 [17.59]		Tap 1	100,000 [29.31]	1600 CFM/ 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 100K Heat/FAN	CFM	1433 [676]	1407 [664]	1354 [639]	1329 [627]	1270 [599]	1235 [583]	1195 [564]	1137 [537]	1083 [511]	1030 [486]
						RPM	821	843	868	888	929	944	975	1004	1040	1065	
						Watts	319	331	342	346	365	368	381	391	406	412	
	1st Stage Tap 2					Tap 2 1st Stage Cool	CFM	1233 [582]	1158 [547]	1136 [536]	1090 [514]	1039 [490]	969 [457]	902 [426]	847 [400]	791 [373]	752 [355]
						RPM	734	774	793	822	860	892	934	957	983	1011	
						Watts	223	231	238	248	259	269	288	284	295	306	
						Tap 3 2nd Stage Low Static Cool	CFM	1768 [834]	1730 [816]	1693 [799]	1626 [767]	1599 [755]	1558 [735]	1522 [718]	1503 [709]	1444 [681]	1399 [660]
						RPM	938	959	983	1011	1025	1052	1089	1090	1117	1134	
						Watts	520	533	541	560	563	578	599	599	605	615	
	2nd Stage Tap 5					Tap 4 2nd Stage Med Static Cool	CFM	1926 [909]	1890 [892]	1864 [880]	1822 [860]	1794 [847]	1758 [830]	1710 [807]	1670 [788]	1579 [745]	1493 [705]
RPM			999	1014	1040	1061	1079	1096	1119	1128	1138	1144					
Watts			654	660	674	688	699	708	714	705	683	661					
		Tap 5 2nd Stage High	CFM	2096 [989]	2057 [971]	2003 [945]	1951 [921]	1890 [892]	1819 [858]	1756 [829]	1686 [796]	1610 [760]	1498 [707]				
		RPM	1069	1092	1106	1116	1121	1129	1138	1140	1148	1154					
		Static Cool	Watts	829	846	840	822	807	782	768	730	708	679				

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)				
CFM [L/s]	800 [378]	1000 [472]	1200 [566]	1400 [661]
Pressure Drop—Inches W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]
				.12 [.030]
				.15 [.037]
				.17 [.042]

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA15 — 208 /230 VOLTS CONSTANT TORQUE MOTOR



Air

Indoor Airflow Performance
RGEA15 Series

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
						0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]
3.5 [12.31]	Tap 5		1200 CFM/ 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 FAN	CFM	1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]	1001 [472]
						RPM	827	856	874	913	949	983	1013	1048	1092
						Watts	298	308	313	325	341	352	361	374	387
		Tap 2			Tap 2 80K	CFM	1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]	1001 [472]
						RPM	827	856	874	913	949	983	1013	1048	1092
	Tap 3					Watts	298	308	313	325	341	352	361	374	387
					Tap 3 100K	CFM	1453 [686]	1424 [672]	1395 [658]	1347 [636]	1321 [623]	1279 [604]	1250 [590]	1214 [573]	1157 [546]
						RPM	836	867	904	942	953	992	1019	1048	1091
						Watts	334	349	364	377	380	394	409	418	433
					Tap 4 Low Static Cool	CFM	1312 [619]	1272	1233	1188	1134	1071	1012	953	877
4.0 [14.07]	Tap 5		1350 CFM/ 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	RPM	738	762	805	835	872	918	955	985	1013
						Watts	229	240	249	257	270	284	297	309	314
					Tap 5 High Static Cool	CFM	1591 [751]	1563 [738]	1558 [735]	1519 [717]	1490 [703]	1458 [688]	1410 [665]	1363 [643]	1277 [603]
						RPM	949	981	999	1027	1051	1086	1109	1129	1140
						Watts	476	490	501	515	527	542	546	543	522
	Tap 2				Tap 1 FAN	CFM	1340 [632]	1305 [616]	1263 [596]	1227 [579]	1186 [560]	1162 [548]	1104 [521]	1020 [481]	960 [453]
						RPM	776	796	831	869	898	925	966	1011	1044
						Watts	261	268	279	291	303	310	323	339	351
		Tap 2			Tap 2 80K	CFM	1340 [632]	1305 [616]	1263 [596]	1227 [579]	1186 [560]	1162 [548]	1104 [521]	1020 [481]	960 [453]
						RPM	776	796	831	869	898	925	966	1011	1044
4.0 [14.07]	Tap 3		1350 CFM/ 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)		Watts	261	268	279	291	303	310	323	339	351
					Tap 3 100K	CFM	1467 [692]	1448 [683]	1404 [663]	1373 [648]	1339 [632]	1306 [616]	1250 [590]	1210 [571]	1164 [549]
						RPM	826	855	884	910	939	969	1003	1030	1067
						Watts	328	344	348	363	379	387	398	408	418
					Tap 4 Low Static Cool	CFM	1634 [771]	1595 [753]	1547 [730]	1530 [722]	1487 [702]	1462 [690]	1438 [679]	1378 [650]	1352 [638]
	Tap 5					RPM	894	923	950	981	1000	1030	1051	1079	1106
						Watts	432	446	451	468	479	490	508	510	520
					Tap 5 High Static Cool	CFM	1941 [916]	1915 [904]	1878 [886]	1814 [856]	1773 [837]	1709 [807]	1655 [781]	1570 [741]	1488 [702]
						RPM	1028	1047	1068	1091	1104	1113	1124	1136	1142
						Watts	708	725	729	727	717	696	673	647	618

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

[] Designates Metric Conversions



INTEGRATED AIR & WATER

INDOOR AIRFLOW PERFORMANCE RGEA15 — 208 /230 VOLTS CONSTANT TORQUE MOTOR (continued)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa]									
	Cool	Heat					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
5.0 [17.59]	1st Stage Tap 2	Tap 1	100,000 [29.31]	1600 CFM/ 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 100K Heat/FAN	CFM	1433 [676]	1407 [664]	1354 [639]	1329 [627]	1270 [599]	1235 [583]	1195 [564]	1137 [537]	1083 [511]
							RPM	821	843	868	888	929	944	975	1004	1065
							Watts	319	331	342	346	365	368	381	391	412
	2nd Stage Tap 5					Tap 2 1st Stage Cool	CFM	1233 [582]	1158 [547]	1136 [536]	1090 [514]	1039 [490]	969 [457]	902 [426]	847 [400]	791 [373]
							RPM	734	774	793	822	860	892	934	957	1011
							Watts	223	231	238	248	259	269	288	284	306
5.0 [17.59]	2nd Stage Tap 5			1600 CFM/ 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 3 2nd Stage Low Static Cool	CFM	1768 [834]	1730 [816]	1693 [799]	1626 [767]	1599 [755]	1558 [735]	1522 [718]	1503 [709]	1444 [681]
							RPM	938	959	983	1011	1025	1052	1089	1090	1117
							Watts	520	533	541	560	563	578	599	599	605
	2nd Stage Tap 5					Tap 4 2nd Stage Med Static Cool	CFM	1926 [909]	1890 [892]	1864 [880]	1822 [860]	1794 [847]	1758 [830]	1710 [807]	1670 [788]	1579 [745]
							RPM	999	1014	1040	1061	1079	1096	1119	1128	1144
							Watts	654	660	674	688	699	708	714	705	661
5.0 [17.59]	2nd Stage Tap 5			1600 CFM/ 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 5 2nd Stage High Static Cool	CFM	2096 [989]	2057 [971]	2003 [945]	1951 [921]	1890 [892]	1819 [858]	1756 [829]	1686 [796]	1610 [760]
							RPM	1069	1092	1106	1116	1121	1129	1138	1140	1154
							Watts	829	846	840	822	807	782	768	730	679
	2nd Stage Tap 5						CFM	1926 [909]	1890 [892]	1864 [880]	1822 [860]	1794 [847]	1758 [830]	1710 [807]	1670 [788]	1579 [745]
							RPM	999	1014	1040	1061	1079	1096	1119	1128	1144
							Watts	654	660	674	688	699	708	714	705	661

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)

CFM [L/s]	800 [378]	1000 [472]	1200 [566]	1400 [661]	1600 [755]	1800 [849]	2000 [944]
Pressure Drop—Inches W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]	.12 [.030]	.15 [.037]	.17 [.042]

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14/15 — 460 VOLTS — STANDARD/LOW NOX MODELS CONSTANT TORQUE MOTOR



Air

Indoor Airflow Performance
RGEA14/15 Series

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]	
3.0 [10.55]	Tap 5	Tap 1	60,000 [17.58]	1000 CFM/ 1400 CFM	12x9T Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 1 60K	CFM	912 [430]	871 [411]	808 [381]	734 [346]	655 [309]	571 [269]	520 [245]	447 [211]		
							RPM	634	664	722	769	811	850	881	906		
							Watts	111	116	131	137	149	151	162	165		
		Tap 2	80,000 [23.45]			Tap 2 80K	CFM	1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	956 [451]	
							RPM	794	833	872	897	948	976	1005	1038	1078	1112
							Watts	287	295	317	317	331	351	361	365	370	399
	Tap 3	100,000 [29.31]	Tap 3 100K		CFM	1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1066 [503]			
					RPM	844	867	892	927	961	991	1022	1052	1101	1130		
					Watts	337	340	358	368	390	389	409	411	438	446		
	Tap 5	Tap 4	Low Static Cool		CFM	1163 [549]	1144 [540]	1086 [513]	1073 [506]	987 [466]	927 [437]	870 [411]	819 [387]				
					RPM	749	761	810	836	887	920	964	1005				
					Watts	202	205	217	230	248	266	271					
Tap 5		High Static Cool	CFM	1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1066 [503]					
			RPM	844	867	892	927	961	991	1022	1052	1101	1130				
			Watts	337	340	358	368	390	389	409	411	438	446				
4.0 [14.07]	Tap 5	Tap 1	Unused	1350 CFM/ 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	CFM	1340 [632]	1305 [616]	1263 [596]	1227 [579]	1186 [560]	1162 [548]	1104 [521]	1020 [481]	960 [453]	897 [423]
							RPM	776	796	831	869	898	925	966	1011	1044	1076
							Watts	261	268	279	291	303	310	323	339	351	361
		Tap 2	80K			CFM	1340 [632]	1305 [616]	1263 [596]	1227 [579]	1186 [560]	1162 [548]	1104 [521]	1020 [481]	960 [453]	897 [423]	
						RPM	776	796	831	869	898	925	966	1011	1044	1076	
						Watts	261	268	279	291	303	310	323	339	351	361	
	Tap 3	100,000 [29.31]	Tap 3 100K		CFM	1467 [692]	1448 [683]	1404 [663]	1373 [648]	1339 [632]	1306 [616]	1250 [590]	1210 [571]	1164 [549]	1087 [513]		
					RPM	826	855	884	910	939	969	1003	1030	1067	1108		
					Watts	328	344	348	363	379	387	398	408	418	434		
	Tap 5	Tap 4	Low Static Cool		CFM	1634 [771]	1595 [753]	1547 [730]	1530 [722]	1487 [702]	1462 [690]	1438 [679]	1378 [650]	1298 [613]			
					RPM	894	923	950	981	1000	1030	1051	1079	1106	1126		
					Watts	432	446	451	468	479	490	508	510	520	520		
Tap 5		High Static Cool	CFM	1941 [916]	1915 [904]	1878 [886]	1814 [856]	1773 [837]	1709 [807]	1655 [781]	1570 [741]	1488 [702]	1374 [648]				
			RPM	1028	1047	1068	1091	1104	1113	1124	1136	1142	1147				
			Watts	708	725	729	727	717	696	673	647	618	571				

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

[] Designates Metric Conversions



INTEGRATED AIR & WATER

INDOOR AIRFLOW PERFORMANCE RGEA14/15 — 460 VOLTS — STANDARD/LOW NOX MODELS CONSTANT TORQUE MOTOR (continued)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]	
5.0 [17.59]	1st Stage Tap 2		Tap 1	1600 CFM/ 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1	CFM	1484 [700]	1440 [680]	1405 [663]	1360 [642]	1319 [622]	1280 [604]	1238 [584]	1186 [560]	1128 [532]	1047 [494]
						100K	RPM	812	841	863	889	918	938	965	994	1026	1066
						Heat/FAN	Watts	330	338	355	354	379	381	395	408	423	419
	2nd Stage Tap 5					Tap 2	CFM	1289 [608]	1239 [585]	1189 [561]	1140 [538]	1101 [520]	1052 [496]	969 [457]	918 [433]	860 [406]	812 [383]
						1st Stage	RPM	726	755	786	815	846	876	912	935	964	986
						Cool	Watts	233	248	249	259	275	292	309	308	321	330
						Tap 3	CFM	1787 [843]	1746 [824]	1705 [805]	1680 [793]	1621 [765]	1607 [758]	1564 [738]	1530 [722]	1505 [710]	1424 [672]
						2nd Stage	RPM	950	970	1000	1012	1042	1055	1079	1108	1113	1130
						Low Static	Watts	525	538	545	579	571	596	615	610	631	626
	2nd Stage Tap 5					Tap 4	CFM	1954 [922]	1927 [909]	1889 [892]	1843 [870]	1808 [853]	1738 [820]	1671 [789]	1620 [765]	1543 [728]	1433 [676]
						2nd Stage	RPM	1030	1042	1061	1082	1100	1121	1130	1133	1138	1146
						Med Static	Watts	664	673	683	696	704	700	697	684	667	635
			Tap 5	CFM	2095 [989]	2045 [965]	1983 [936]	1905 [899]	1840 [868]	1792 [846]	1712 [808]	1641 [774]	1558 [735]	1397 [659]			
			2nd Stage	RPM	1103	1114	1114	1123	1125	1130	1139	1140	1144	1148			
			High	Watts	829	841	832	803	785	770	749	710	685	633			
Static Cool																	

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)				
CFM [L/s]	800 [378]	1000 [472]	1200 [566]	1400 [661]
Pressure Drop—Inches W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]
				.12 [.030]
				.15 [.037]
				.17 [.042]

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14 – 208/230 VOLTS – ULN MODELS ONLY

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]
2.0 [7.03]	Tap 4			700 CFM / 950 CFM	10X9 Blower 1/3 HP [249] 5 Speed (Constant Torque)	Tap 1 Fan	CFM 896 [423]	843 [398]	788 [372]	723 [341]	651 [307]	597 [582]	544 [257]	505 [238]		
							RPM 657	697	738	793	852	893	937	976		
							Watts 107	112	117	126	133	139	145	149		
		Tap 2	40,000 [11.72]			Tap 2 40K	CFM 704 [332]	636 [300]	530 [250]	471 [222]	404 [191]	350 [165]	300 [142]	276 [130]	248 [117]	201 [92]
							RPM 577	638	714	766	820	864	908	943	988	1029
	Tap 3						Watts 62	68	74	80	84	88	91	94	97	102
						Tap 3 60K	CFM 870 [411]	816 [385]	764 [361]	699 [330]	622 [294]	574 [271]	518 [244]	469 [221]		
							RPM 642	688	731	788	844	883	931	977		
							Watts 101	106	111	119	126	132	138	145		
						Tap 4 Low Static Cool	CFM 983 [464]	936 [442]	877 [414]	822 [388]	758 [358]	696 [328]	647 [305]	597 [282]	549 [259]	508 [240]
2.5 [8.79]	Tap 4			850 CFM / 1150 CFM	10X9 Blower 1/2 HP [372] 5 Speed (Constant Torque)		RPM 697	736	774	819	874	924	963	1004	1044	1081
							Watts 131	137	143	149	158	167	173	179	186	191
						Tap 5 High Static Cool	CFM 1224 [578]	1184 [559]	1145 [540]	1102 [520]	1060 [500]	1016 [479]	974 [450]	911 [430]	859 [405]	822 [368]
							RPM 822	872	907	954	998	1036	1070	1103	859	822
							Watts 178	192	198	208	212	224	224	234	300	191
	Tap 2					Tap 1 Fan	CFM 948 [447]	897 [423]	852 [402]	799 [377]	709 [335]	659 [311]	625 [295]	564 [266]	529 [250]	490 [231]
							RPM 691	731	771	814	879	918	958	1002	1038	1074
							Watts 123	129	135	142	151	158	164	170	176	182
		Tap 2	40,000 [11.72]			Tap 2 40K	CFM 686 [234]	623 [294]	521 [246]	468 [220]	411 [194]	329 [155]	277 [131]	220 [104]	142 [67]	
							RPM 551	605	683	728	782	848	892	946	990	
2.5 [8.79]	Tap 3			850 CFM / 1150 CFM	10X9 Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 3 60K	CFM 877 [414]	829 [391]	774 [365]	691 [326]	928 [438]	583 [275]	537 [253]	490 [231]	442 [209]	
							RPM 652	696	745	805	851	892	933	974	1024	
							Watts 104	109	116	124	130	136	141	147	154	
						Tap 4 Low Static Cool	CFM 1070 [505]	1025 [484]	979 [462]	928 [438]	879 [415]	792 [374]	742 [350]	699 [330]	661 [312]	619 [292]
							RPM 744	783	823	870	905	966	1005	1041	1076	1113
	Tap 5					Tap 5 High Static Cool	CFM 1231 [581]	1189 [561]	1151 [543]	1114 [526]	1078 [509]	1036 [489]	989 [467]	908 [429]	865 [408]	832 [393]
							RPM 832	1189	1151	1114	1078	1036	989	908	865	832
							Watts 229	238	246	254	262	269	282	295	304	313

Notes: (1) For constant torque motors: Use motor taps 3-5 to achieve rated airflow at AHRI minimum External Static Pressure.

[J] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14 — 208/230 VOLTS — ULN MODELS ONLY (continued)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [1.02]	0.2 [1.05]	0.3 [1.07]	0.4 [1.10]	0.5 [1.12]	0.6 [1.15]	0.7 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]	
3.0 [10.55]	Tap 4		60,000 [17.58]	1000 CFM / 1400 CFM	12X9 Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 1 Fan	CFM		904 [927]	834 [394]	769 [363]	694 [328]	596 [281]	514 [243]	442 [209]	402 [190]	
							RPM		663	709	754	797	841	885	906	919	
							Watts		126	135	142	149	157	163	167	170	
		Tap 2				60K	CFM	882 [416]	812 [383]	742 [350]	662 [312]	546 [258]	458 [216]	379 [179]	324 [153]	300 [142]	
							RPM	580	630	676	728	774	818	844	864	901	
							Watts	99	106	112	120	125	132	137	140	144	
	Tap 3	80K	80,000 [23.4]			CFM	1170 [552]	1127 [532]	1077 [508]	1028 [485]	964 [455]	911 [430]	849 [401]	762 [360]	688 [325]	616 [291]	
						RPM	717	750	786	823	865	898	939	978	1013	1058	
						Watts	192	199	208	216	226	234	243	253	261	271	
		Tap 4 Low Static Cool				CFM	1181 [557]	1161 [548]	1126 [531]	1083 [511]	1025 [484]	979 [462]	924 [436]	858 [405]	794 [375]		
						RPM	775	791	814	848	888	919	956	994	1024		
						Watts	224	227	233	242	252	260	270	279	288		
						Tap 5 High Static Cool	CFM	1465 [691]	1420 [670]	1381 [652]	1340 [632]	1299 [613]	1262 [596]	1215 [573]	1169 [552]	1124 [530]	1079 [509]
						RPM	848	1420	1381	1340	1299	1262	1215	1169	1124	1079	
						Watts	342	353	363	373	384	394	407	418	428	440	

Notes: (1) For constant torque motors: Use motor taps 3-5 to achieve rated airflow at AHRI minimum External Static Pressure.

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)					
CFM [L/s]	800 [378]	1000 [472]	1200 [566]	1400 [661]	1600 [755]
Pressure Drop—Inches W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]	.12 [.030]
				.15 [.037]	.17 [.042]

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14 — 208/230 VOLTS — ULN MODELS ONLY (continued)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]
3.5 [12.31]	Tap 4			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Fan	CFM	1136 [536]	1077 [508]	1034 [490]	984 [464]	922 [435]	868 [410]	798 [377]	709 [335]	632 [298]
							RPM	691	732	767	805	847	883	926	968	1008
							Watts	174	184	191	200	208	216	225	235	243
		Tap 2	80,000 [23.45]			Tap 2 80K	CFM	1276 [602]	1234 [582]	1190 [562]	1145 [540]	1103 [521]	1051 [496]	995 [451]	945 [446]	875 [413]
							RPM	759	792	827	860	894	931	965	1001	1038
							Watts	234	242	254	261	270	280	290	299	310
						Tap 3 Not Used	CFM	1421 [670]	1373 [648]	1335 [630]	1297 [612]	1258 [594]	1218 [575]	1173 [554]	1122 [530]	1082 [511]
							RPM	824	858	888	918	949	978	1011	1045	1075
							Watts	308	319	328	339	350	358	370	382	391
						Tap 4 Low Static Cool	CFM	1359 [641]	1309 [618]	1270 [599]	1228 [580]	1187 [560]	1143 [539]	1094 [516]	1050 [496]	1003 [473]
4.0 [14.07]	Tap 4			1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)		RPM	797	831	863	894	927	957	993	1023	1056
							Watts	275	284	295	303	313	323	333	343	353
		Tap 2	80,000 [23.45]			Tap 5 High Static Cool	CFM	1588 [750]	1544 [729]	1510 [713]	1472 [695]	1435 [677]	1407 [644]	1379 [651]	1334 [630]	1301 [614]
							RPM	906	934	963	991	1020	1047	1072	1102	1129
							Watts	421	432	444	456	467	478	490	502	513
						Tap 1 Fan	CFM	1215 [573]	1156 [546]	1099 [519]	1049 [495]	996 [470]	922 [435]	844 [398]	757 [357]	699 [330]
							RPM	661	703	744	779	817	859	896	934	969
							Watts	167	176	186	192	200	209	217	225	233
		Tap 2	80,000 [23.45]			Tap 2 80K	CFM	1582 [747]	1531 [723]	1492 [704]	1444 [681]	1397 [659]	1354 [639]	1311 [619]	1273 [601]	1226 [579]
							RPM	863	891	918	949	979	1005	1035	1058	1085
4.0 [14.07]	Tap 4			1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 3 100K	CFM	1510 [713]	1460 [689]	1410 [665]	1366 [645]	1322 [624]	1281 [605]	1244 [587]	1192 [563]	1138 [538]
							RPM	801	833	865	899	933	960	986	1020	1050
							Watts	297	308	317	329	340	358	367	377	387
						Tap 4 Low Static Cool	CFM	1676 [791]	1631 [770]	1594 [752]	1549 [731]	1510 [713]	1472 [695]	1437 [678]	1396 [659]	1361 [642]
							RPM	865	898	921	950	982	1010	1038	1064	1088
							Watts	389	402	411	423	434	446	456	467	477
						Tap 5 High Static Cool	CFM	1910 [901]	1864 [880]	1815 [857]	1772 [836]	1723 [813]	1692 [799]	1656 [782]	1622 [765]	1589 [750]
							RPM	948	976	1007	1036	1069	1097	1123	1146	1170
							Watts	541	554	570	583	600	613	626	638	650
							Watts	541	554	570	583	600	613	626	638	650

Notes: (1) For constant torque motors: Use motor taps 3-5 to achieve rated airflow at AHRI minimum External Static Pressure.

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14 – 208/230 VOLTS – ULN MODELS ONLY (continued)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]	
5.0 [17.59]	1st Stage Tap 2	Tap 1	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 100K Heat/Fan	CFM	1660 [783]	1610 [760]	1559 [736]	1506 [711]	1454 [686]	1404 [663]	1348 [636]	1291 [609]	1235 [583]	1194 [564]
							RPM	803	824	853	877	901	925	949	977	1006	1029
							Watts	351	360	372	381	389	398	409	420	428	439
		2nd Stage Tap 3	Tap 2 1st Stage Cool			CFM	1310 [618]	1247 [589]	1192 [563]	1122 [530]	1061 [501]	988 [466]	902 [426]	818 [386]	754 [356]	686 [324]	
						RPM	657	689	717	750	779	816	853	889	915	948	
						Watts	194	202	210	215	227	235	245	253	260	267	
	2nd Stage Tap 3	Tap 1					CFM	1845 [871]	1799 [849]	1738 [820]	1690 [798]	1640 [774]	1600 [755]	1548 [731]	1499 [707]	1458 [688]	1387 [655]
							RPM	915	937	961	986	1007	1026	1045	1072	1095	1126
							Watts	498	508	520	532	541	550	557	571	583	596
		2nd Stage Tap 3	Tap 2 Med Static Cool			CFM	1965 [927]	1921 [907]	1876 [885]	1827 [862]	1793 [846]	1750 [826]	1709 [807]	1663 [785]	1621 [765]	1571 [741]	
						RPM	899	920	943	966	986	1009	1030	1053	1075	1098	
						Watts	534	546	557	570	580	596	603	617	629	642	
2nd Stage Tap 3	Tap 5 2nd Stage High Static Cool	CFM	1999 [943]	1949 [920]	1904 [899]	1866 [881]	1829 [863]	1790 [845]	1754 [828]	1711 [806]	1673 [790]	1626 [767]					
		RPM	918	943	962	980	1003	1021	1041	1061	1079	1103					
		Watts	587	601	613	623	634	645	655	667	677	690					

Notes: (1) For constant torque motors: Use motor taps 3-5 to achieve rated airflow at AHRI minimum External Static Pressure.

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)						
CFM [L/s]	800 [378]	1000 [472]	1200 [566]	1400 [661]	1600 [755]	1800 [849]
Pressure Drop—Inches W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]	.12 [.030]	.15 [.037]
						.17 [.042]

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14 — 460 VOLTS — ULN MODELS ONLY

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [1.10]	0.5 [1.12]	0.6 [1.15]	0.7 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]
3.0 [10.55]	Tap 4			1000 CFM / 1400 CFM	12x9T Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 1 Fan	CFM 980 [463]	907 [428]	847 [400]	775 [366]	694 [328]	604 [285]	529 [250]	467 [220]	406 [192]	
							RPM 611	663	712	760	805	856	896	918	935	
							Watts 118	128	137	146	154	162	170	174	178	
		Tap 2	60,000 [17.58]			Tap 2 60K	CFM 936 [442]	878 [414]	788 [372]	704 [332]	616 [291]	530 [250]	441 [208]	377 [178]	343 [162]	311 [147]
							RPM 611	655	720	770	815	844	882	901	933	964
	Tap 3						Watts 114	121	132	137	144	151	154	156	160	165
						Tap 3 80K	CFM 1152 [544]	1107 [522]	1067 [504]	1008 [476]	953 [450]	886 [418]	818 [386]	741 [350]	676 [319]	605 [286]
							RPM 713	748	786	833	870	909	947	987	1019	1055
		Tap 3	80,000 [23.45]				Watts 192	201	210	222	233	240	250	260	269	278
						Tap 4 Low Static Cool	CFM 1221 [576]	1174 [554]	1132 [534]	1086 [513]	1035 [488]	972 [459]	904 [427]	839 [396]	764 [361]	691 [326]
4.0 [14.07]	Tap 4			1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)		RPM 736	772	803	846	888	929	962	1003	1042	1075
							Watts 217	227	236	248	259	269	279	290	300	307
						Tap 5 High Static Cool	CFM 1502 [709]	1460 [690]	1423 [672]	1378 [650]	1340 [632]	1310 [618]	1267 [598]	1205 [569]	1115 [526]	983 [464]
							RPM 871	897	925	957	990	1017	1049	1082	1100	1119
							Watts 390	100	411	423	433	444	454	461	442	417
	Tap 2					Tap 1 Fan	CFM 1217 [574]	1160 [547]	1105 [522]	1057 [499]	1003 [473]	939 [443]	845 [399]	762 [360]	713 [336]	642 [303]
							RPM 672	714	754	791	830	871	919	957	1006	1040
							Watts 179	191	200	210	220	232	243	255	267	275
		Tap 2	80,000 [23.45]			Tap 2 80K	CFM 1293 [610]	1245 [588]	1194 [564]	1151 [543]	1104 [521]	1059 [500]	1001 [472]	915 [432]	866 [409]	795 [375]
							RPM 750	783	819	851	885	918	957	1001	1030	1066
4.0 [14.07]	Tap 3			1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 3 100K	CFM 1520 [717]	1464 [691]	1420 [670]	1374 [648]	1326 [626]	1277 [603]	1236 [583]	1195 [564]	1138 [537]	1072 [506]
							RPM 794	829	862	895	928	966	993	1022	1061	1098
							Watts 310	322	334	347	360	374	382	395	410	425
						Tap 4 Low Static Cool	CFM 1699 [802]	1650 [779]	1601 [756]	1558 [735]	1519 [717]	1483 [700]	1439 [679]	1405 [663]	1358 [641]	1272 [600]
							RPM 874	903	937	962	991	1020	1052	1074	1103	1122
4.0 [14.07]	Tap 3			1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 5 High Static Cool	CFM 2036 [961]	1988 [938]	1947 [919]	1899 [896]	1828 [863]	1752 [827]	1672 [789]	1593 [752]	1485 [701]	1364 [644]
							RPM 1004	1030	1051	1074	1091	1110	1115	1026	1133	1138
							Watts 685	701	712	722	711	691	665	641	600	564

Notes: (1) For constant torque motors: Use motor taps 3-5 to achieve rated airflow at AHRI minimum External Static Pressure.

[J] Designates Metric Conversions



Air

Indoor Airflow Performance

RGEA14 Series

INDOOR AIRFLOW PERFORMANCE RGEA14 — 460 VOLTS — ULN MODELS ONLY (continued)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]	
5.0 [17.59]	1st Stage Tap 2	Tap 1	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 100K Heat/Fan	CFM	1638 [773]	1584 [748]	1540 [727]	1497 [707]	1447 [683]	1408 [665]	1352 [638]	1298 [613]	1238 [584]	1192 [563]
							RPM	794	819	846	873	900	923	952	978	1010	1036
						Watts	357	369	380	390	402	413	422	435	450	460	
	2nd Stage Tap 3	Tap 2				Tap 2 1st Stage Cool	CFM	1319 [622]	1260 [595]	1198 [565]	1139 [538]	1077 [508]	1103 [521]	934 [441]	857 [405]	782 [396]	701 [331]
							RPM	680	713	743	778	809	849	889	919	952	983
						Watts	209	219	228	238	247	259	270	279	288	298	
	2nd Stage Tap 3	Tap 3				Tap 3 2nd Stage Low Static Cool	CFM	849	1746 [824]	1704 [802]	1659 [823]	1615 [762]	1573 [742]	1532 [1532]	1479 [698]	1431 [675]	1376 [649]
							RPM	895	918	943	967	991	1013	1035	1061	1085	1113
						Watts	485	495	507	518	530	542	553	565	577	590	
	2nd Stage Tap 3	Tap 4				Tap 4 2nd Stage Med Static Cool	CFM	1935 [913]	1892 [893]	1845 [871]	1808 [853]	1766 [833]	1722 [813]	1687 [796]	1642 [775]	1589 [750]	1552 [732]
							RPM	901	918	947	970	993	1023	1038	1062	1089	1106
						Watts	560	570	586	597	611	625	635	648	663	670	
	Tap 5		Tap 5 2nd Stage High Static Cool	CFM	1979 [934]	1936 [914]	1890 [892]	1836 [866]	1813 [856]	1773 [837]	1731 [817]	1695 [800]	1651 [779]	1584 [748]			
				RPM	920	942	965	996	1013	1033	1061	1082	1101	1114			
			Watts	602	615	627	643	651	667	682	692	702	695				

Notes: (1) For constant torque motors: Use motor taps 3-5 to achieve rated airflow at AHRI minimum External Static Pressure.

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)

CFM [L/s]	800 [378]	1000 [472]	1200 [566]	1400 [661]	1600 [755]	1800 [849]	2000 [944]
Pressure Drop—Inches W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]	.12 [.030]	.15 [.037]	.17 [.042]

[] Designates Metric Conversions



ELECTRICAL DATA – RGEA14 SERIES

	STANDARD/LOW NOx MODELS	024AJT***AB	030AJT***AB	036AJT***AB		036BCT***AA	042ACT***AA
	ULTRA LOW NOx MODELS	024AJT**UAA	030AJT**UAA		036AJT**UAA	036ACT**UAA	
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	3	3
	Hz	60	60	60	60	60	60
	Minimum Circuit Ampacity	19	21	24	24	17	24
	Minimum Overcurrent Protection Device Size	20	25	25	25	20	25
	Maximum Overcurrent Protection Device Size	25	30	35	35	25	35
Compressor Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	3	3
	RPM	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	2 1/6	2 2/3	3 1/3	3 1/3	3 1/3	3 1/2
	Amps (RLA), Comp. 1	11.2	12.8	14.1	14.1	9	13.2
	Amps (LRA), Comp. 1	60.8	64	77	77	71	88
	HP, Compressor 2						
	Amps (RLA), Comp. 2						
	Amps (LRA), Comp. 2						
Condenser Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5	1.5	1.5	1.5	1.5	1.5
	Amps (LRA, each)	3	3	3	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/3	1/2	1	1/2	1/2	1/2
	Amps (FLA, each)	2.8	2.8	7.6	4.1	4.1	6
	Amps (LRA, each)						

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

ELECTRICAL DATA – RGEA14 SERIES

	STANDARD/LOW NOx MODELS	042ACT***AA	042AJT***AB	048AJT***AB	048BCT***AA	048BDT***AA	060AJT***AB
	ULTRA LOW NOx MODELS	042ACT**UAA	042AJT**UAA	048AJT**UAA	048ACT**UAA	048ADT**UAA	
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	414-506	197-253
	Volts	208/230	208/230	208/230	208/230	460	208/230
	Phase	3	1	1	3	3	1
	Hz	60	60	60	60	60	60
	Minimum Circuit Ampacity	24	30	33	25	12	46
	Minimum Overcurrent Protection Device Size	25	30	35	25	35	50
	Maximum Overcurrent Protection Device Size	35	45	50	35	15	70
Compressor Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	208/230
	Phase	3	1	1	3	3	1
	RPM	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	3 1/2	3 1/2	4	4	4	5
	Amps (RLA), Comp. 1	13.2	17.9	19.9	13.1	6.1	28.8
	Amps (LRA), Comp. 1	88	112	109	83.1	43	152.9
	HP, Compressor 2						
	Amps (RLA), Comp. 2						
	Amps (LRA), Comp. 2						
Condenser Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	208/230
	Phase	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5	1.5	2	2	1	2
	Amps (LRA, each)	3	3	3.9	3.9	3.9	3.9
Evaporator Fan	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	208/230
	Phase	1	1	1	1	1	1
	HP	3/4	3/4	3/4	3/4	3/4	1
	Amps (FLA, each)	6	6	6	6		
	Amps (LRA, each)						

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

ELECTRICAL DATA – RGEA14 SERIES						
	STANDARD/LOW NOx MODELS	060BCT***AA	060BDT***AA	060CCT***AA	060CDT***AA	060CJT***AA
	ULTRA LOW NOx MODELS			060ACT**UAA	060ADT**UAA	060AJT**UAA
Unit Information	Unit Operating Voltage Range	197-253	414-506	197-253	414-506	197-253
	Volts	208/230	460	208/230	460	208/230
	Phase	3	3	3	3	1
	Hz	60	60	60	60	60
	Minimum Circuit Ampacity	30	15	31	14	39
	Minimum Overcurrent Protection Device Size	35	20	35	20	45
	Maximum Overcurrent Protection Device Size	45	20	45	20	60
Compressor Motor	No.	1	1	1	1	1
	Volts	208/230	460	208/230	460	208/230
	Phase	3	3	3	3	1
	RPM	3500	3500	3450	3450	3450
	HP, Compressor 1	5	5	5	5	5
	Amps (RLA), Comp. 1	16.2	7.6	16.6/16.5	7.2	22.8
	Amps (LRA), Comp. 1	110	52	110	52	147.4
	HP, Compressor 2					
	Amps (RLA), Comp. 2					
	Amps (LRA), Comp. 2					
Condenser Motor	No.	1	1	1	1	1
	Volts	208/230	460	208/230	460	208/230
	Phase	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	2	1	2	1	2
	Amps (LRA, each)	3.9	2.2	3.9	2.2	3.9
Evaporator Fan	No.	1	1	1	1	1
	Volts	208/230	460	208/230	460	208/230
	Phase	1	1	1	1	1
	HP	1	1	1	1	1
	Amps (FLA, each)					
	Amps (LRA, each)					

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

ELECTRICAL DATA – RGEA15 SERIES

		024AJV***AB	024BJV***AA	030AJV***AB	036ACT***AA	036ADT***AA	036AJV***AB	036BCT***AA
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	414-506	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	460	208/230	208/230
	Phase	1	1	1	3	3	1	3
	Hz	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	19	19	21	17	10	23	19
	Minimum Overcurrent Protection Device Size	25	25	25	20	15	30	25
	Maximum Overcurrent Protection Device Size	30	25	30	25	15	35	25
Compressor Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	208/230	208/230
	Phase	1	1	1	3	3	1	3
	RPM	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	2 1/6	2	2 2/3	3 1/3	3 1/3	3 1/3	3
	Amps (RLA), Comp. 1	11.2	10.3	12.8	9	5.6	14.1	10.4
	Amps (LRA), Comp. 1	60.8	61.6	64	71	38	77	73
	HP, Compressor 2							
	Amps (RLA), Comp. 2							
	Amps (LRA), Comp. 2							
Condenser Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	208/230	208/230
	Phase	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5	1.5	1.5	1.5	0.8	1.5	1.5
	Amps (LRA, each)	3	3	3	3	1.6	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460/460	208/230	208/230
	Phase	1	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Amps (FLA, each)	3.5	4.3	3.5	4.1	2.1	3.5	4.1
	Amps (LRA, each)							

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

ELECTRICAL DATA – RGEA15 SERIES							
		036BDT***AA	036BJV***AA	042ACT***AA	042AJV***AB	042BCT***AA	042BJV***AA
Unit Information	Unit Operating Voltage Range	414-506	187-253	187-253	187-253	187-253	187-253
	Volts	460	208/230	208/230	208/230	208/230	208/230
	Phase	3	1	3	1	3	1
	Hz	60	60	60	60	60	60
	Minimum Circuit Ampacity	11	28	24	28	25	33
	Minimum Overcurrent Protection Device Size	15	30	25	35	30	35
	Maximum Overcurrent Protection Device Size	15	40	35	45	35	50
Compressor Motor	No.	1	1	1	1	1	1
	Volts	460	208/230	208/230	208/230	208/230	208/230
	Phase	3	1	3	1	3	1
	RPM	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	3	3	3 1/2	3 1/2	3 1/2	3 1/2
	Amps (RLA), Comp. 1	5.8	15.4	13.2	17.9	13.5	19.2
	Amps (LRA), Comp. 1	38	83.9	88	112	88	123.9
	HP, Compressor 2						
	Amps (RLA), Comp. 2						
	Amps (LRA), Comp. 2						
Condenser Motor	No.	1	1	1	1	1	1
	Volts	460	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	0.8	1.5	1.5	1.5	2	2
	Amps (LRA, each)	1.6	3	3	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1
	Volts	460/460	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/2	1/2	3/4	3/4	3/4	3/4
	Amps (FLA, each)	2.1	4.3	6	4	6	6.8
	Amps (LRA, each)						

1. Horsepower Per Compressor.

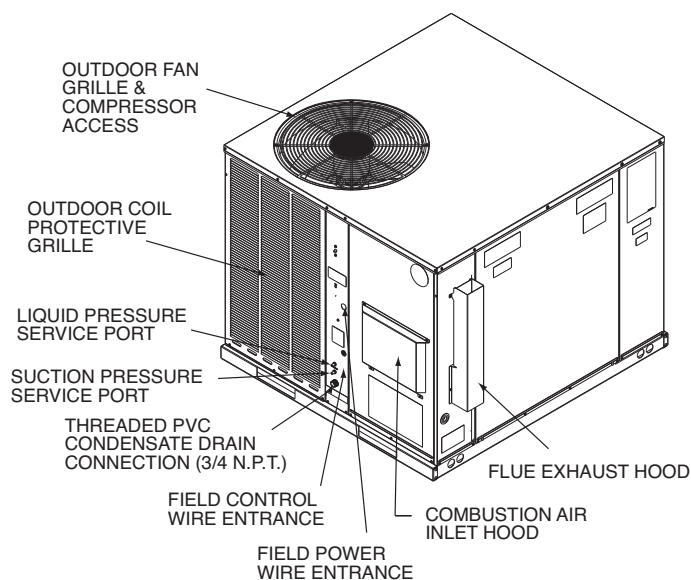
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

ELECTRICAL DATA – RGEA15 SERIES

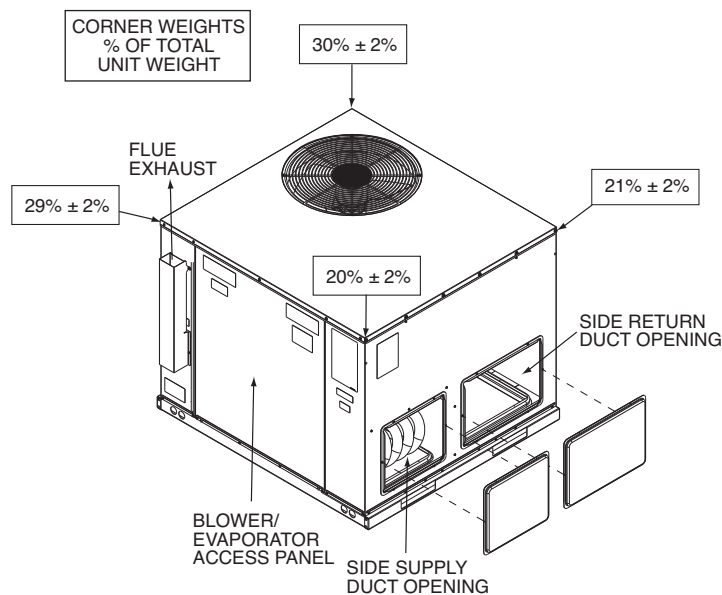
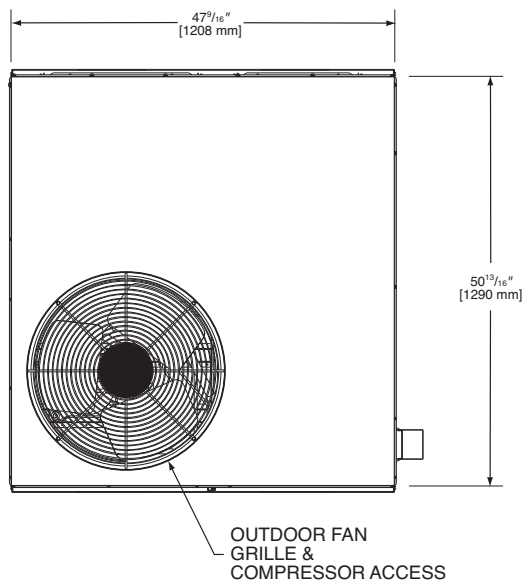
		048ACT***AA	048ADT***AA	048AJV***AB	060ACT***AA	060ADT***AA	060AJV***AB
Unit Information	Unit Operating Voltage Range	187-253	414-506	187-253	197-253	414-506	197-253
	Volts	208/230	460	208/230	208/230	460	208/230
	Phase	3	3	1	3	3	1
	Hz	60	60	60	60	60	60
	Minimum Circuit Ampacity	25	12	34	30	15	45
	Minimum Overcurrent Protection Device Size	25	35	40	50	20	60
	Maximum Overcurrent Protection Device Size	35	15	50	45	20	70
Compressor Motor	No.	1	1	1	1	1	1
	Volts	208/230	460	208/230	208/230	460	208/230
	Phase	3	3	1	3	3	1
	RPM	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	4	4	4	5	5	5
	Amps (RLA), Comp. 1	13.1	6.1	19.9	16.2	7.6	28.8
	Amps (LRA), Comp. 1	83.1	43	109	110	52	152.9
	HP, Compressor 2						
	Amps (RLA), Comp. 2						
	Amps (LRA), Comp. 2						
Condenser Motor	No.	1	1	1	1	1	1
	Volts	208/230	460	208/230	208/230	460	208/230
	Phase	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	3-Jan
	Amps (FLA, each)	2	1	2	2	1	2
	Amps (LRA, each)	3.9	3.9	3.9	3.9	2.2	3.9
Evaporator Fan	No.	1	1	1	1	1	1
	Volts	208/230	460	208/230	208/230	460/460	208/230
	Phase	1	1	1	1	1	1
	HP	3/4	3/4	1	1	1	1
	Amps (FLA, each)	6	3.2	6.8	7.6	4	6.8
	Amps (LRA, each)						

1. Horsepower Per Compressor.

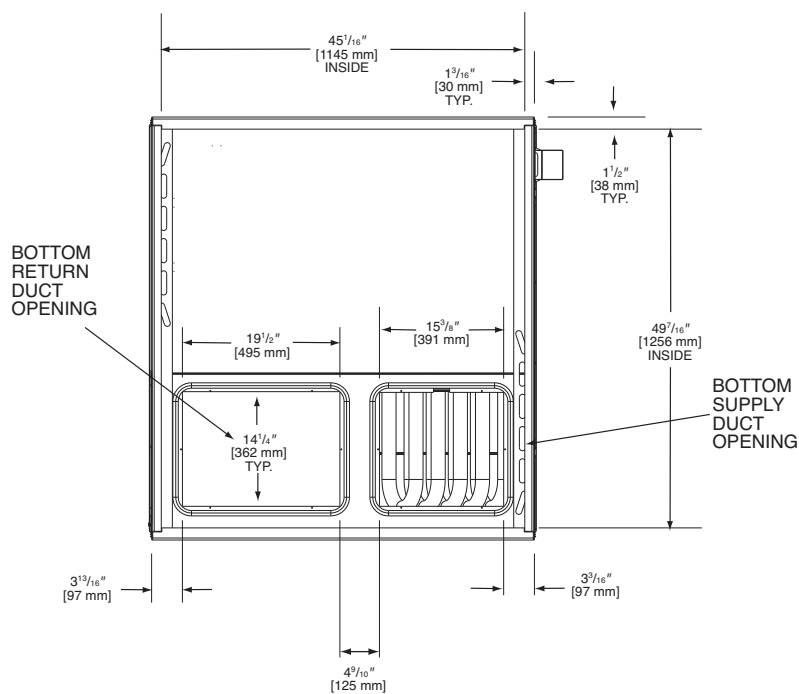
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.



TOP VIEW

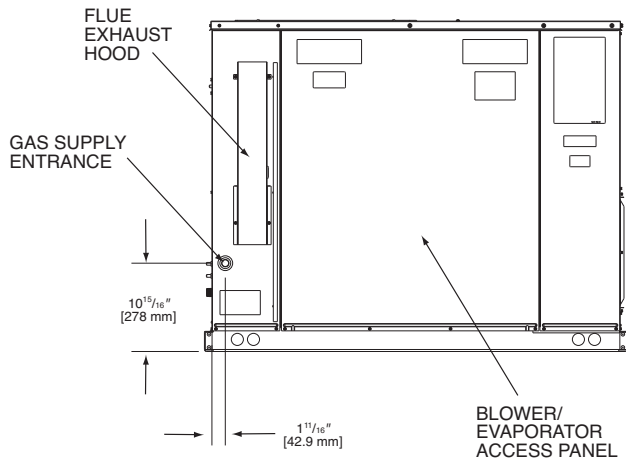


BOTTOM VIEW

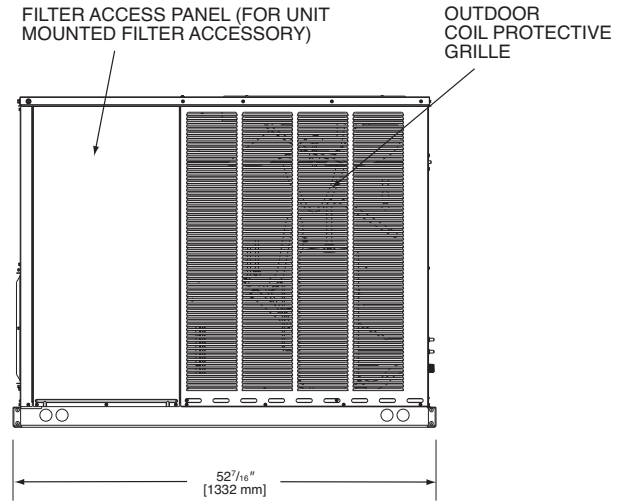


[] Designates Metric Conversions

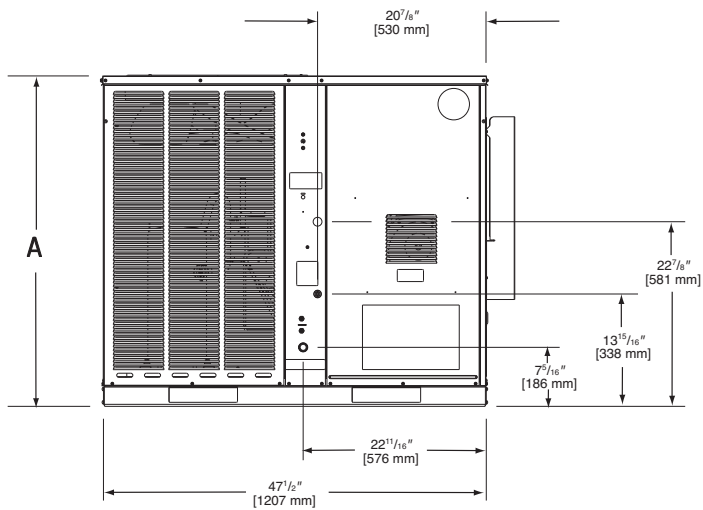
SIDE VIEW



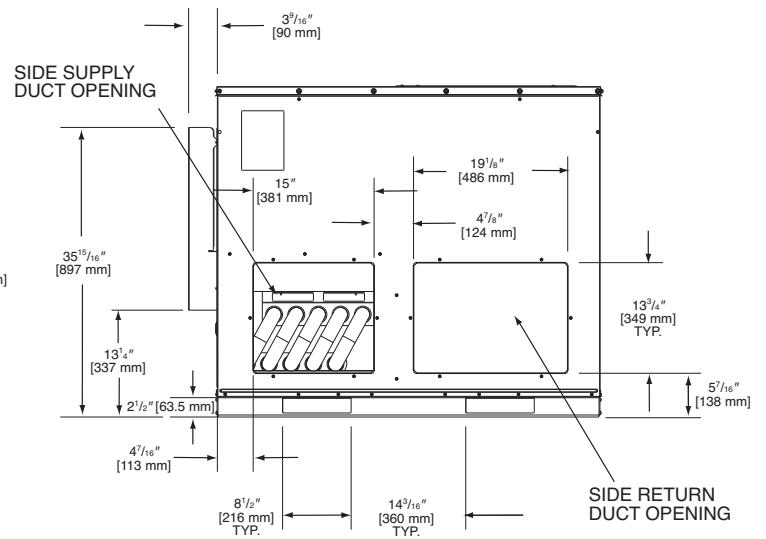
SIDE VIEW



FRONT VIEW



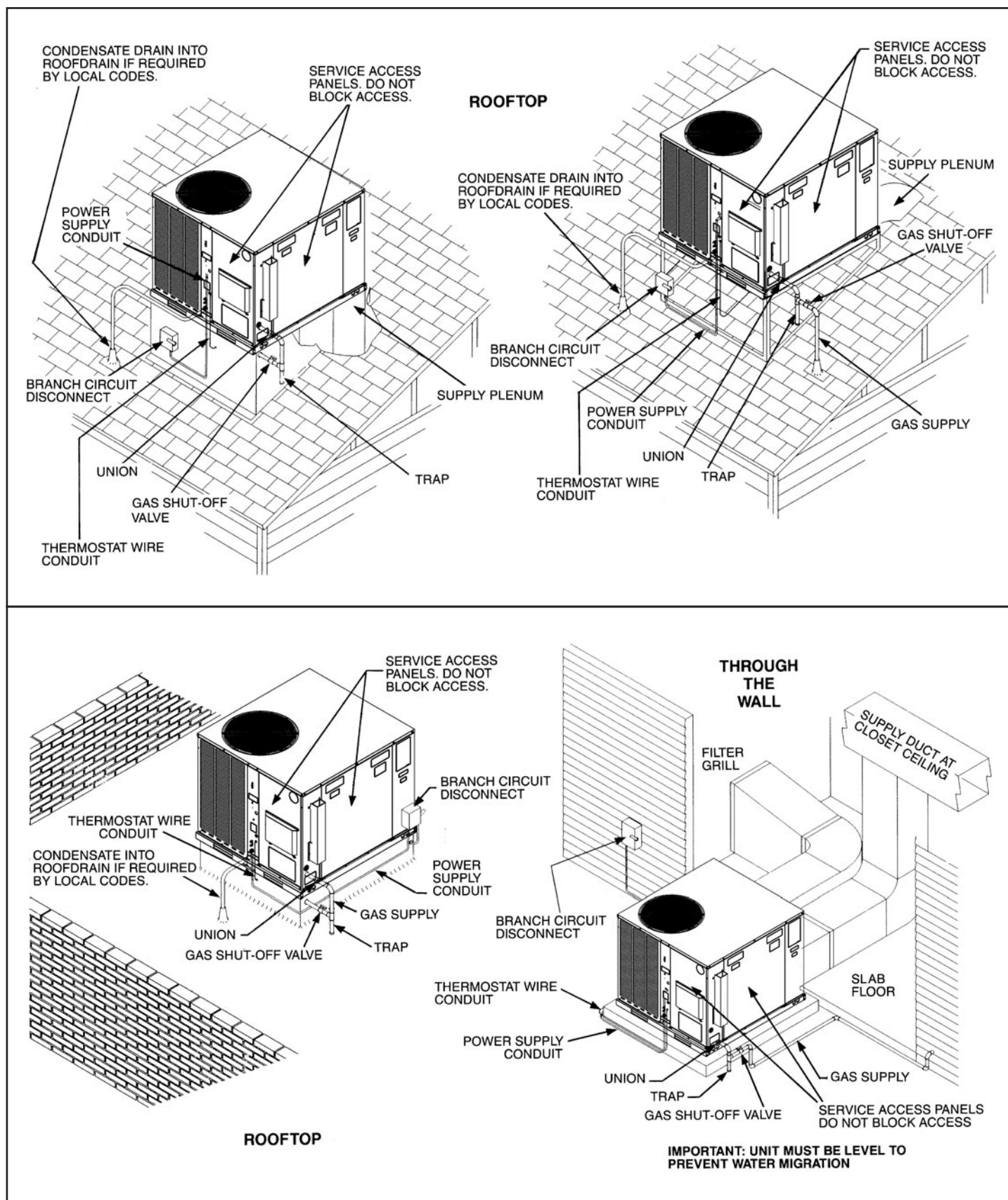
BACK VIEW



SHOWN WITH DUCT COVERS REMOVED.

[] Designates Metric Conversions

Models RGEA 14/15	Height "A"
024, 030, 036, 042	$35\frac{15}{16}"$
048, 060	41"



[] Designates Metric Conversions

ACCESSORY EQUIPMENT

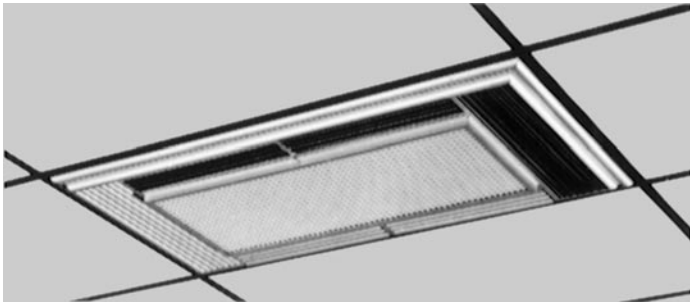
Accessory Description	Model Application	Accessory Model No.
Roofcurbs	RGEA14/15	RXSG-AAA08 (8" [203 mm] Height) RXSG-AAA14 (14" [356 mm] Height) RXSG-AAA24 (24" [610 mm] Height)
Supply & Return Diffusers	RGEA14/15	RXRN-BD15
Economizers (Convertible)	RGEA14/15	AXRD-O1RACAM3
Fresh Air Damper	RGEA14/15	AXRF-FAB1 (Motorized-35%) AXRF-FAA1 (Fixed-35%)
Rectangular to Round Transition (Downflow)	RGEA14/15	RXMC-CA02 (16" [406 mm] Ducts) RXMC-CA03 (18" [457 mm] Ducts)
Filter Kit	RGEA14/15	RXRY-B01
Sideflow Rectangular to Round Transition	RGEA14/15	RXMC-BA01
LP Conversion Kits	RGEA14/15	RXGJ-EP84W (White-Rodgers Gas Valve) RXGJ-EP85H (Honeywell Gas Valve) RXGJ-FP28
Low Ambient Control	RGEA14/15	RXRZ-B01
High Pressure Control	RGEA14/15 ²	RXAB-E01
Low Pressure Control	RGEA14/15 ²	RXAC-C01
Canadian High Altitude Kit (for Natural Gas only ¹)	RGEA14/15	RXRZ-AH01

¹ If a particular unit is to be converted to operate on LP (propane) for elevations above 2000 ft. [609.6 m] in Canada, the existing Natural Gas to LP Conversion Kits for the subject models already contain the necessary orifices and instructions to de-rate the input for 2000-4500 ft. [609.6-1371.6 m] Canadian applications.

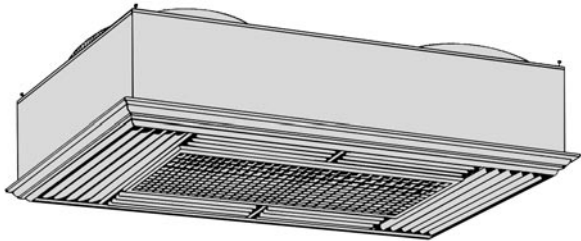
² High pressure switches are standard for RGEA15 Models.

[] Designates Metric Conversions

COMMON SUPPLY/RETURN CONCENTRIC AIR DIFFUSER



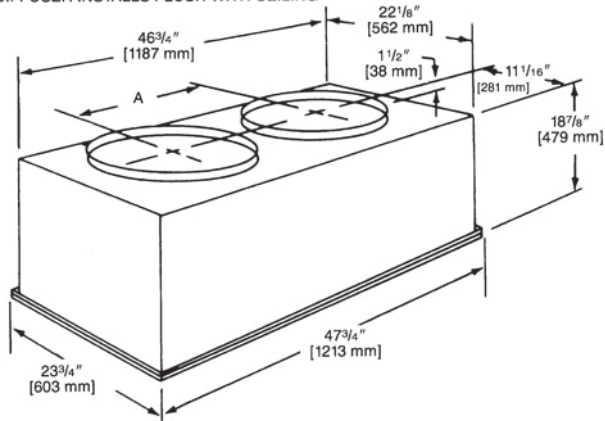
SUPPLY/RETURN DIFFUSER



Designed to convert a side by side or an over and under arrangement into a concentric distribution of air. The diffuser is flush mounted, completely insulated, assembled, and internally baffled to provide four way supply air distribution with a center return. To make the assembly complete and ready to fit into a 2' [0.61 m] x 4' [1.22 m] suspended ceiling grid, the diffuser includes adjustable supply louvers, hanging rings, anti-sweat gasket, and round flanges for use with flexible ducts.

Model No. RXRN-	Diameter Inches [mm]	Shipping Wt. Lbs. [kg]	Dimension A Inches [mm]
BD15	16 [406]	90 [40.82]	20 1/2 [521]

DIFFUSER INSTALLS FLUSH WITH CEILING



NOTE: The location of the combination supply and return diffuser should not exceed 10 feet [3.05 m] above the floor level for units @ 1000 CFM [472 L/s] or less and 12 [3.66 m] to 14 feet [4.27 m] above the floor level for units with CFM greater than 1000 [472 L/s]. If the diffuser is installed with a greater distance than recommended above, the supply air may become stratified above the required comfort area causing uncomfortable conditions.

AIRFLOW/PRESSURE DROP INFORMATION (INCHES W.C. [kPa])

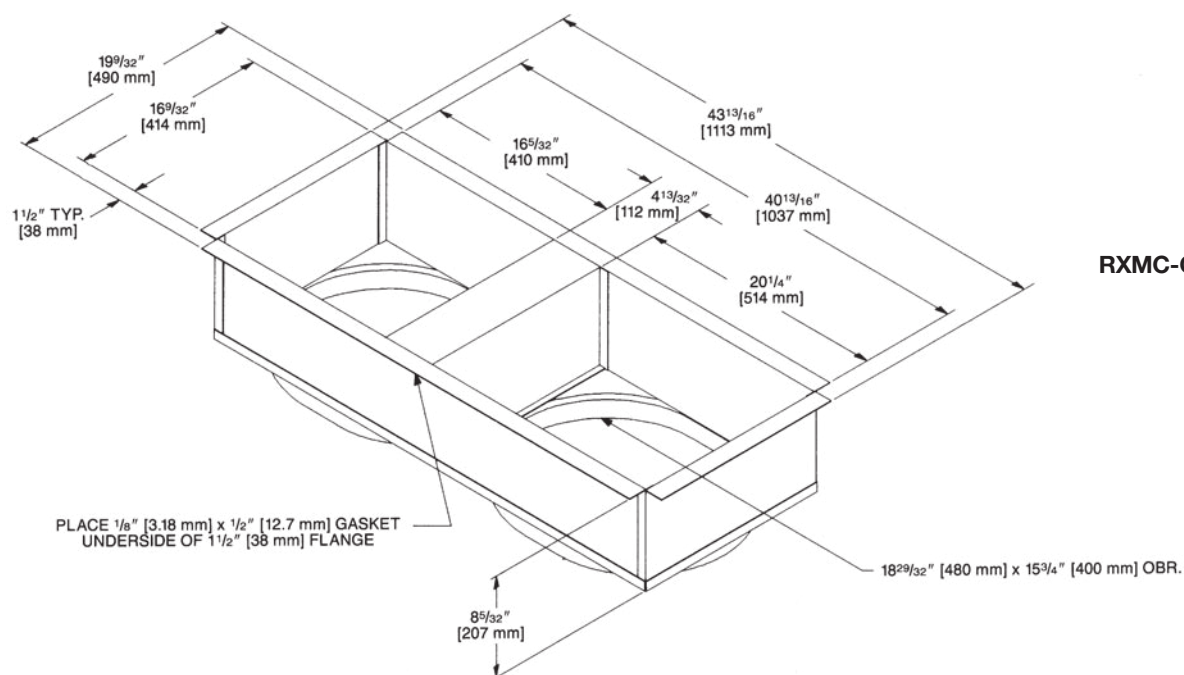
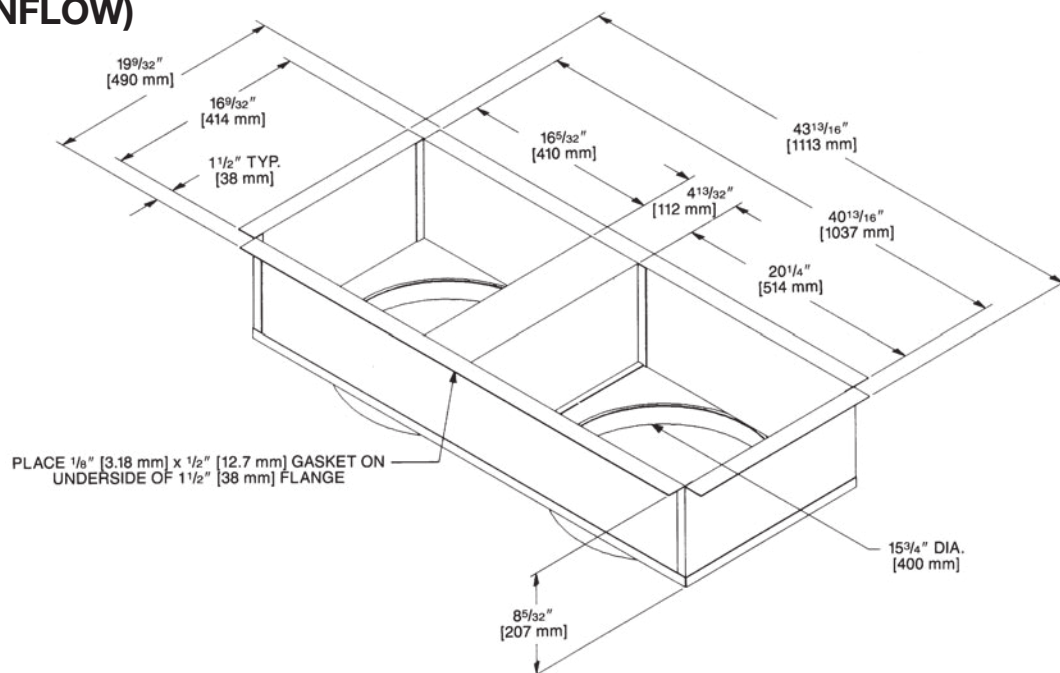
Accessory	Approximate CFM [L/s]-Supply Air			
	1300 [614]	1575 [743]	1800 [850]	2200 [1038]
Plenum & Supply/Return Duct	.07 [.017]	.10 [.024]	.12 [.030]	.17 [.042]
Diffuser	.09 [.022]	.13 [.032]	.16 [.040]	.24 [.060]
Economizer	.06 [.015]	.09 [.022]	.11 [.027]	.17 [.042]

SUPPLY AIR/PERFORMANCE

Diffuser Airflow CFM [L/s]	Range of Throw Ft. [m]
800 [378]-1200 [566]	14 [4.27]-16 [4.88]
1600 [755]-2000 [944]	18 [5.49]-28 [8.53]

DUCT ADAPTERS RECTANGULAR TO ROUND TRANSITIONS (DOWNFLOW)

RXMC-CA02



RXMC-CA03

[] Designates Metric Conversions



Air

Accessories
RGEA14/15 Series

FRESH AIR DAMPER

AXRF-FAA1 (Fixed - 0-35%)

The 0-35% manual outside Air Damper is designed to replace the unit return air duct cover. No drilling or damper assembly is required. The amount of outside air (0-35%) is controlled by simply adjusting the side damper.

AXRF-FAB1 (Motorized - 0-35%)

The 0-35% motorized outside Air Damper is designed to replace the unit return air duct cover. No drilling or damper assembly is required. The control motor opens the adjustable slide damper when the unit blower motor is energized.

CAULK INSIDE OF CORNERS
(TYP. 4 PLACES) (304112) MATERIAL

$\frac{3}{4}$ "
[19 mm]

$20\frac{1}{2}$ "
[521 mm]

SHIP HOOD REMOVED

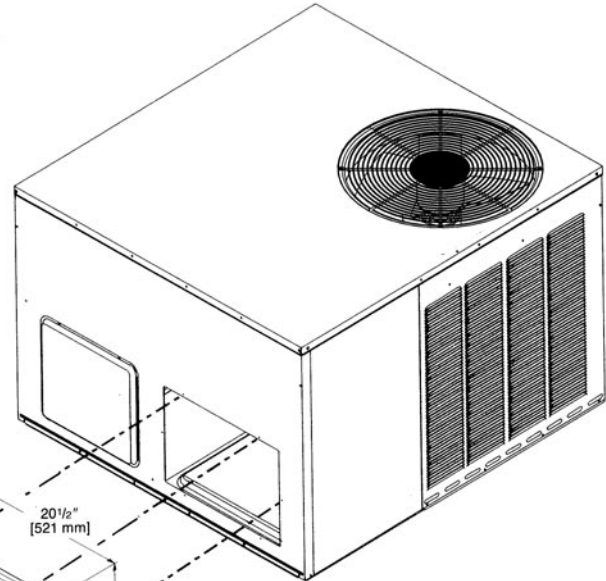
$15\frac{1}{8}$ "
[384 mm]

$13\frac{3}{4}$ "
[349 mm]

12"
[305 mm]

(304101) GASKET $\frac{1}{8}$ " [3.18 mm] x $\frac{1}{2}$ " [12.7 mm]
 $\frac{5}{8}$ " [15.87 mm] FLANGE ON BACK SIDE

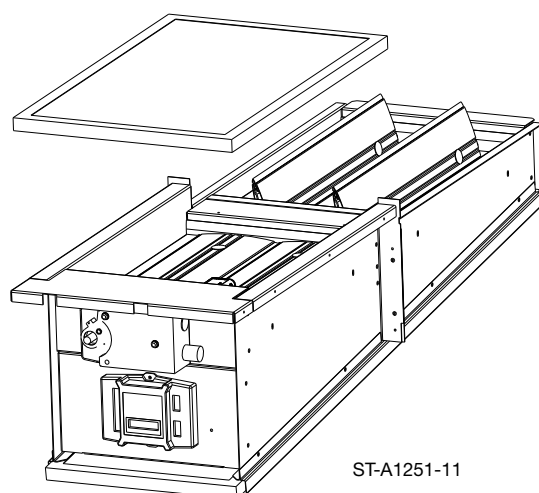
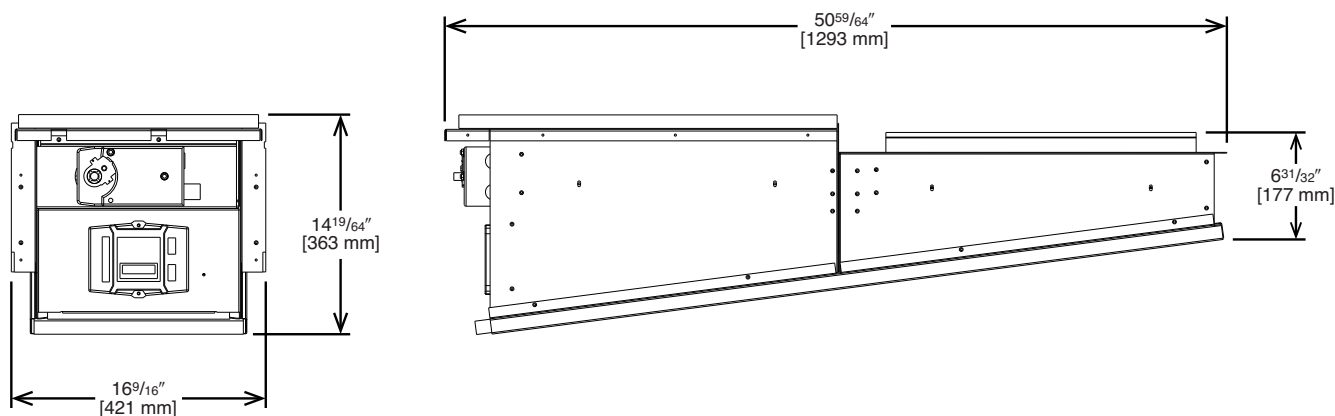
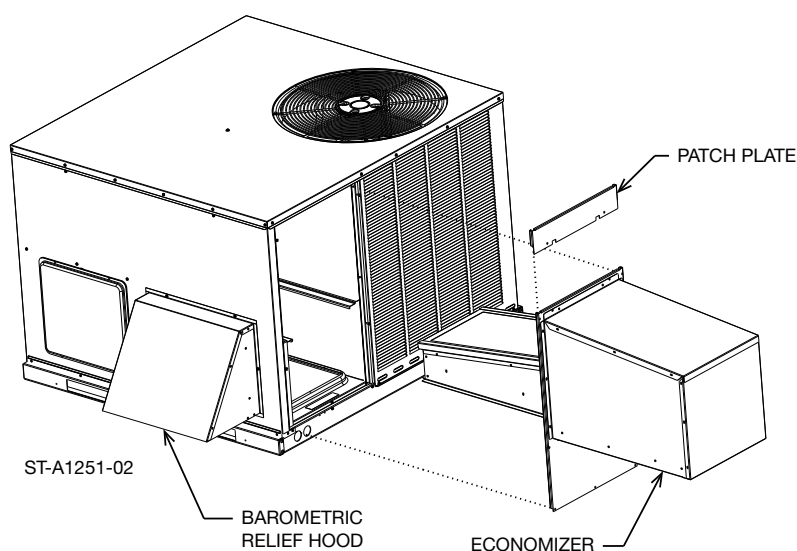
[] Designates Metric Conversions



ECONOMIZERS

AXRD-01RACAM3 (Fully Modulating) Horizontally and Vertically Applicable

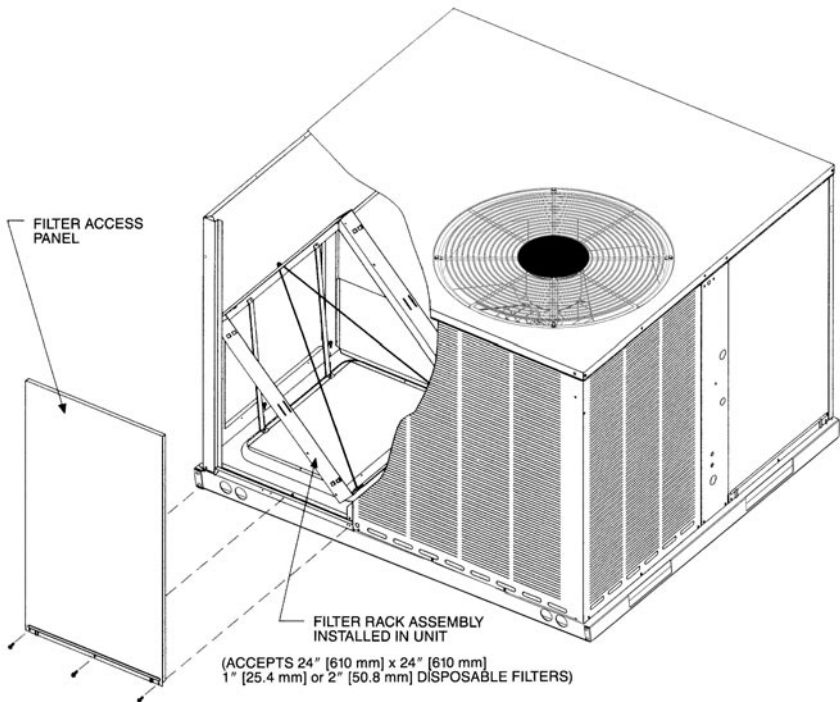
- LCD Screen for Continuous diagnostic and system status
- Programmable set points for accurate positioning
- Simplified wiring and color coded terminals
- Onboard fault detection and diagnostics (FDD)
- Operational Checkout to verify installation
- Enthalpy sensors and actuator that communicate through a Sylk Bus Network with the Jade Controller reducing wiring errors while providing more information
- CO₂ sensor input for DCV (Demand Control Ventilation) applications
- RXRX-AV04 Dual Enthalpy kit available for field installation
- AMCA licensed class 1A low leak Dampers



[] Designates Metric Conversions

FILTER KIT INSTALLATION RXRY-B01

For use in either
 vertical or horizontal
 discharge.



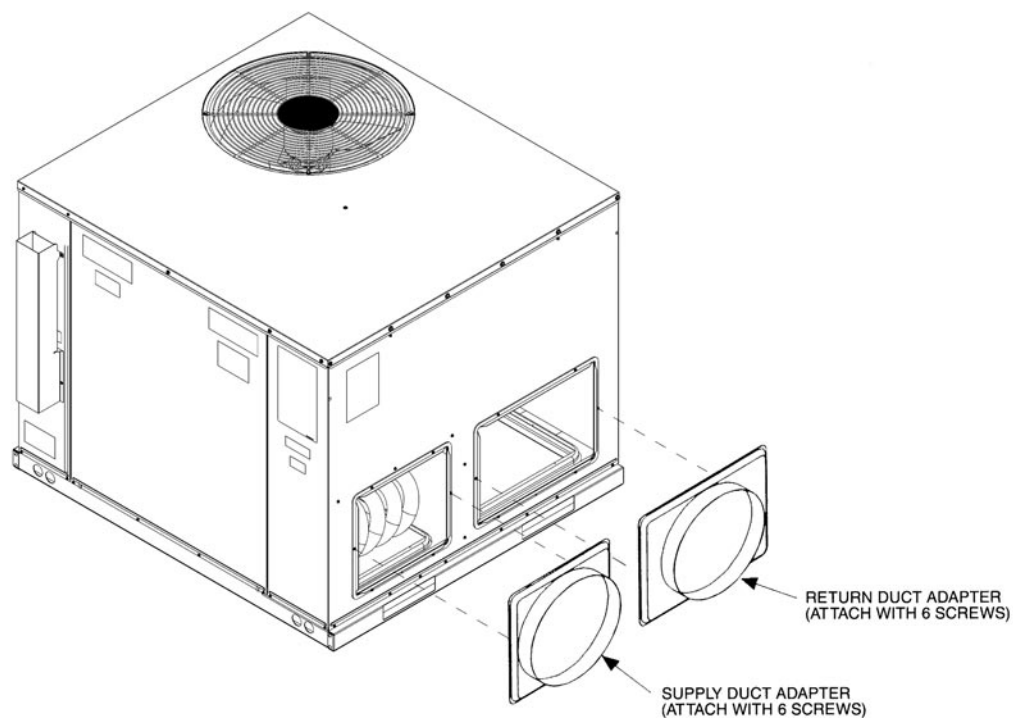
Airflow Pressure Drop, Inches W.C. [kPa]		
CFM [L/s]	1" Filter	2" Filter
500 [236]	.02 [.0050]	.03 [.0075]
600 [283]	.02 [.0050]	.03 [.0075]
700 [330]	.03 [.0075]	.04 [.0010]
800 [378]	.04 [.0010]	.05 [.0124]
900 [425]	.05 [.0124]	.06 [.0149]
1000 [472]	.07 [.0174]	.08 [.0199]
1100 [519]	.08 [.0199]	.09 [.0224]
1200 [566]	.10 [.0249]	.12 [.0299]
1300 [614]	.13 [.0324]	.15 [.0373]
1400 [661]	.16 [.0398]	.19 [.0473]
1500 [708]	.19 [.0473]	.21 [.0523]
1600 [755]	.20 [.0498]	.23 [.0572]
1700 [802]	.21 [.0523]	.24 [.0598]
1800 [850]	.22 [.0548]	.25 [.0623]
1900 [897]	.24 [.0598]	.27 [.0672]
2000 [944]	.26 [.0647]	.29 [.0722]

[] Designates Metric Conversions

DUCT ADAPTER SIDEFLOW SQUARE TO ROUND TRANSITION RXMC-A01

Adapts the side rectangular supply and return openings to 14" [356 mm] diameter round openings. Adapters provided with same finish as unit and also provided with thermal insulation.

[] Designates Metric Conversions

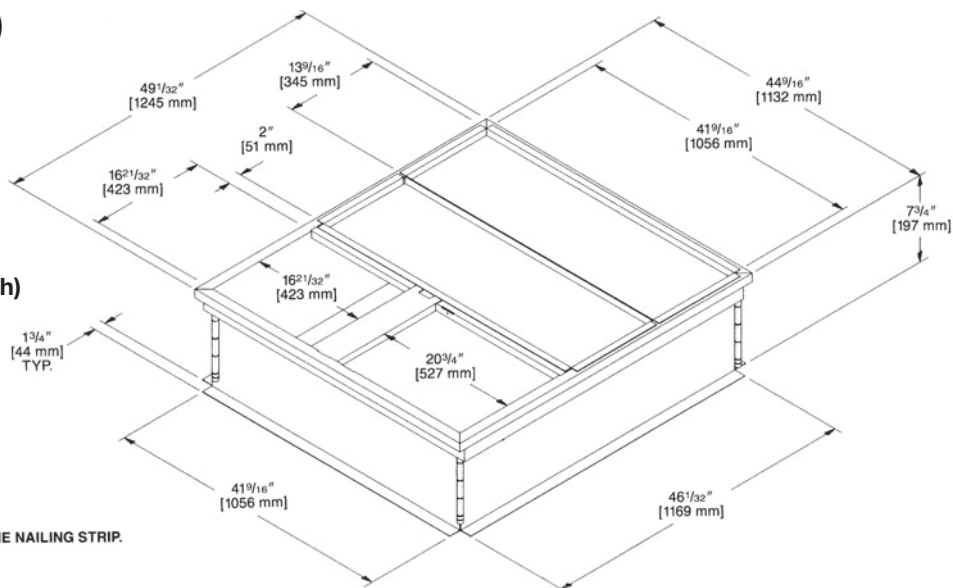


ROOFCURB (Full Perimeter)

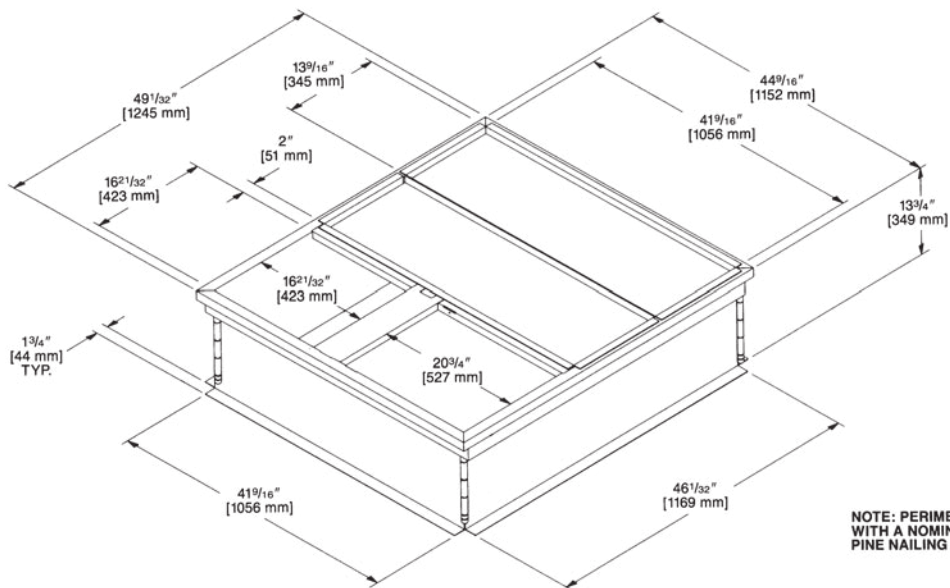
RXSG-AAA08, RXSG-AAA14 and RXSG-AAA24

Hinged corners make for
fast, easy set-up.

RXSG-AAA08
(8" [203 mm] High)



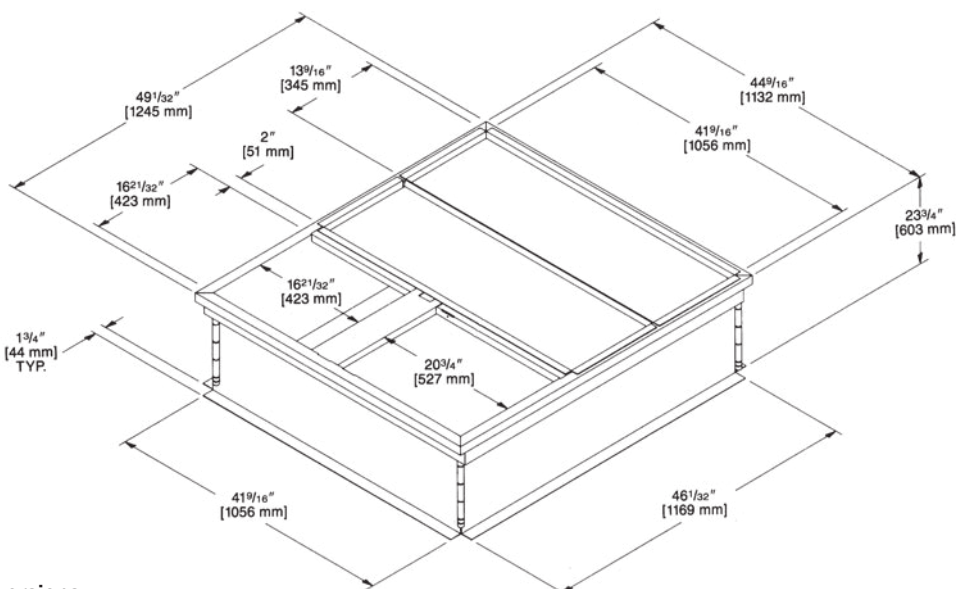
NOTE: PERIMETER OF ROOFCURB IS SUPPLIED
WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm] PINE NAILING STRIP.



RXSG-AAA14
(14" [356 mm] High)

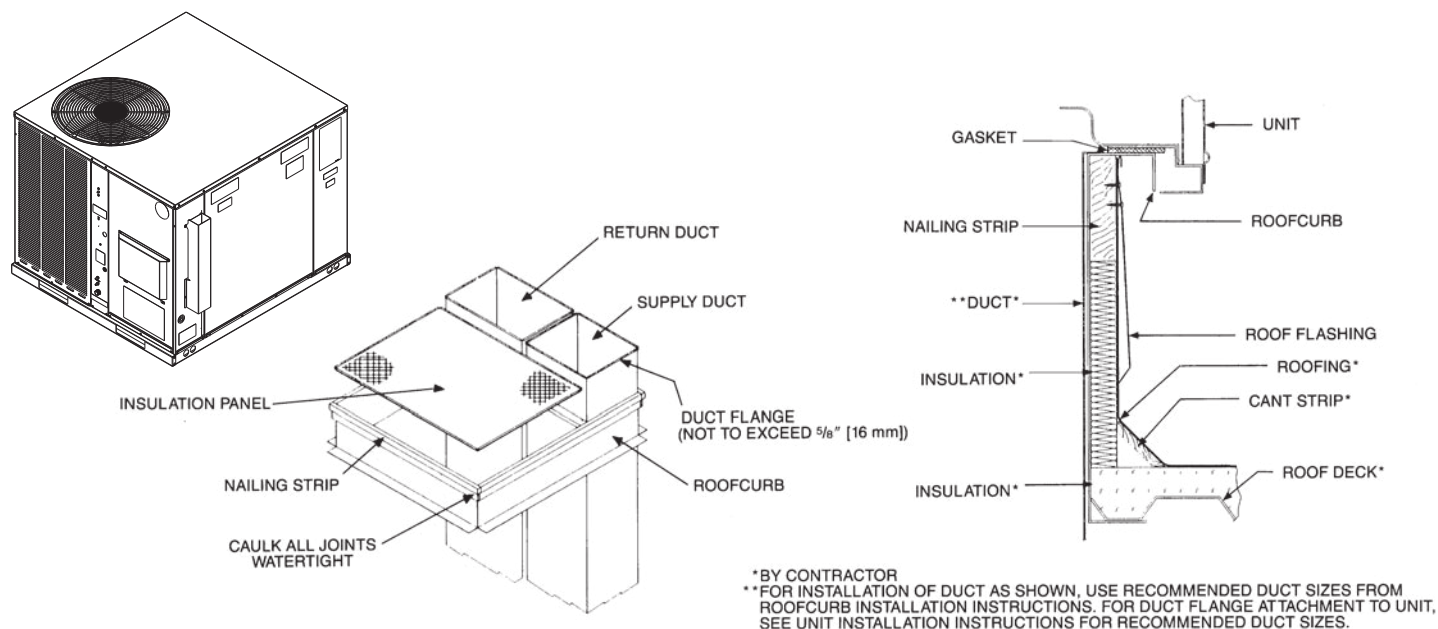
NOTE: PERIMETER OF ROOFCURB IS SUPPLIED
WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm]
PINE NAILING STRIP.

RXSG-AAA24
(24" [610 mm] High)



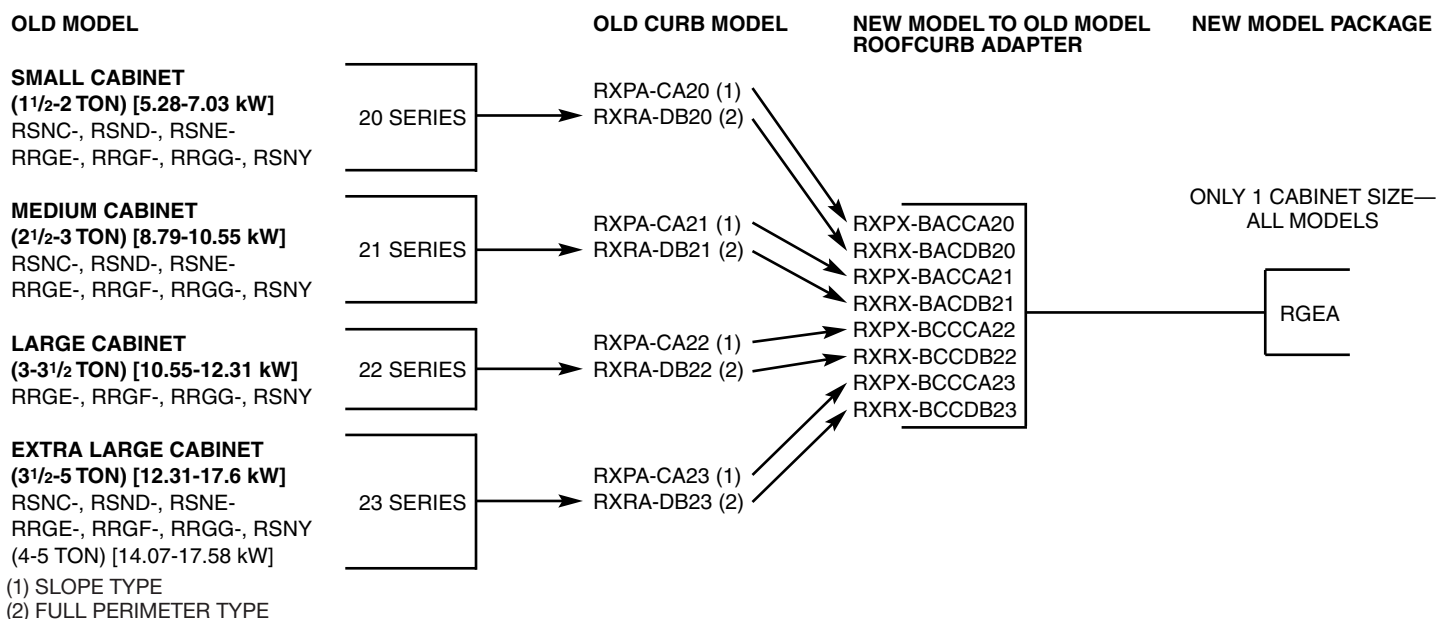
[] Designates Metric Conversions

PACKAGE AIR CONDITIONERS & PACKAGE GAS/ELECTRIC UNITS ROOFCURB INSTALLATION (Full Perimeter)



ROOFCURB ADAPTERS

Fabricated from galvanized steel to adapt the New cabinet to the old style curb. All are furnished with a New gasket.



(1) SLOPE TYPE
 (2) FULL PERIMETER TYPE

[] Designates Metric Conversions

BEFORE PURCHASING THIS APPLIANCE, READ IMPORTANT ENERGY COST AND EFFICIENCY INFORMATION AVAILABLE FROM YOUR RETAILER.

GENERAL TERMS OF LIMITED WARRANTY*

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable periods stated, in accordance with the terms of the limited warranty.

Heat Exchanger	
Factory Standard	Ten (10) Years
Stainless Steel/1-Phase & 3-Phase Models	
Commercial Application	Twenty (20) Years
Stainless Steel/1-Phase Models	
Residential Application	Limited Lifetime

*For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.

Conditional Parts (Registration Required)	
1 Phase, Residential Applications	Ten (10) Years
Compressor	
1 Phase, Residential Applications	Ten (10) Years
1 & 3 Phase, Commercial Applications	Five (5) Years
Parts	
Commercial Applications	One (1) Year



The new degree of comfort.™

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

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INTEGRATED HOME COMFORT

PRINTED IN U.S.A. 8/20 QG FORM NO. R11-870 REV. 8