



Air

Package Gas Electric
RGEA13/14/15 Series

The new degree of comfort.™

Rheem *Classic*® Series Package Gas Electric Unit



RGEA13- 13 SEER Series

Nominal Sizes 3-5 Tons [10.6-17.6 kW]
Three-Phase Only

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]



(14 SEER AND ABOVE)



"Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your Contractor for details or visit www.energystar.gov."



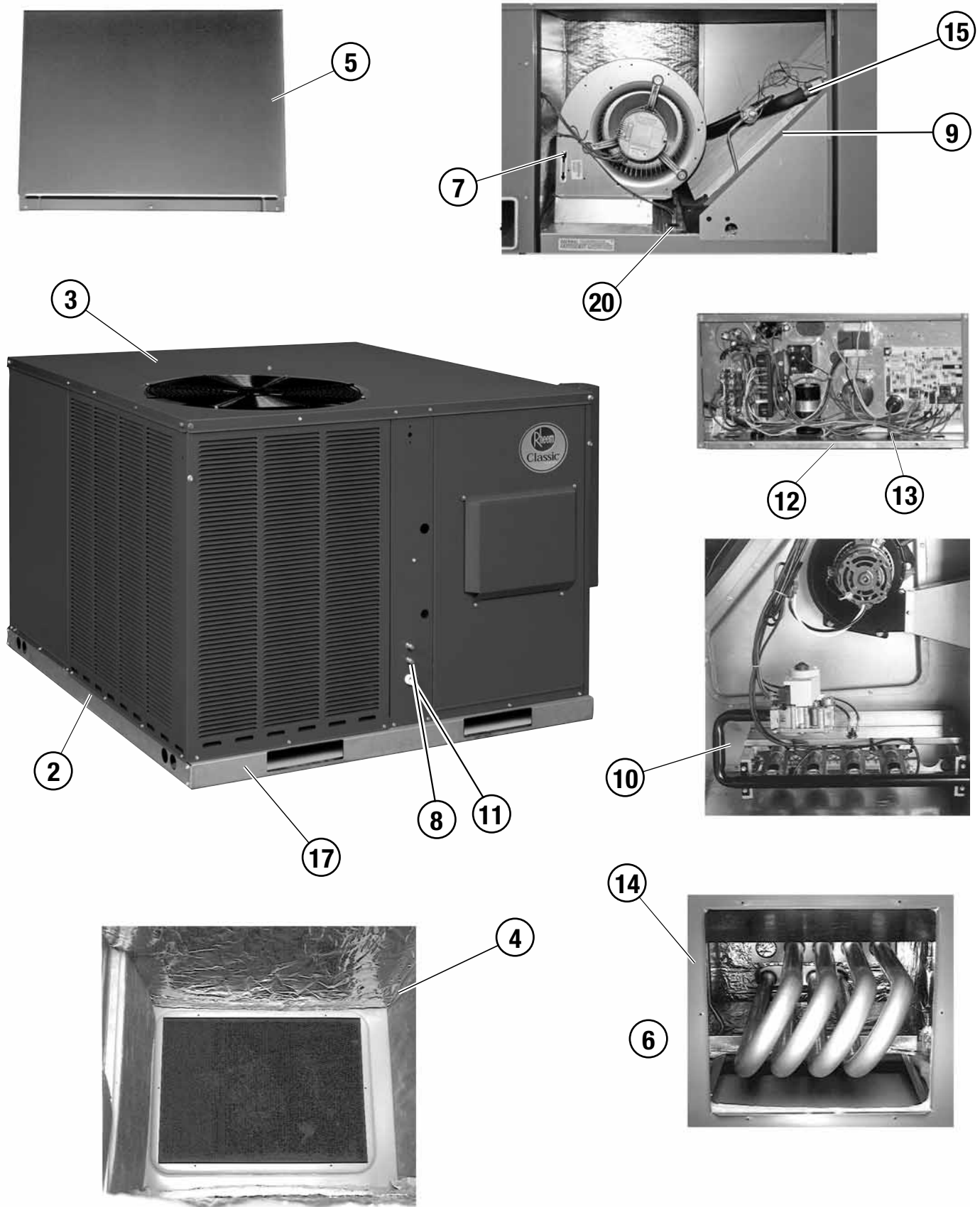
INTEGRATED AIR & WATER

FORM NO. R11-870

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Package Gas Electric Unit Features:





RGEA13/14/15 Features Below Correspond to Photos on Page 3

1. All models feature Scroll® compressors for maximum efficiency and quiet operation. 5 Ton RGEA15 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 deep 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. Its 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 new 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. Tubular heat exchangers are more efficient and durable than older-style clamshell heat exchangers. 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 safety protection! The Comfort Alert module is a monitoring device and cannot control or shut down the compressor unless used with a White Rodgers IF95-CA397 Thermostat.

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



Air

R GE A 13 036 A J D 10 1 A A X X X

Factory Installed Options
(See Next Page)

Minor Series
A = 1st Variation

Control
A = Non Communicating

Heat Configuration
1 = Single Stage
X = 1 Stage Nox

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)

Voltage
J = 208-230V—1PH—60 Hz
C = 208-230V—3PH—60 Hz
D = 460V 3PH—60 Hz

Major Series
A = 1st Variation

Cooling 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
13 = 13 SEER
14 = 14 SEER
15 = 15 SEER

Cabinet Type
A = Residential Package

Unit Type
GE = Package Gas Heat / Electric Cool

Tradebrand
R = Rheem

[] Designates Metric Conversions



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.

Step 1. 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	Tin Plated Hairpin Coil
AJA	x	

“x” indicates factory installed option.

Example: No Option
RGEA14036AJD081AA

Example: Option with Stainless Steel Heat Exchanger
RGEA14036AJD081AAAJA

Note: Factory installed economizer is not available on these models.

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RGEA13 Series	036ACD061AA	036ACD081AA	036ACD101AA	036ADD061AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
EER/SEER ²	11.6/13.5	11.6/13.5	11.6/13.5	11.6/13.5
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]	34,000 [9.96]	34,000 [9.96]	34,000 [9.96]	34,000 [9.96]
Net Sensible Capacity Btu [kW]	24,200 [7.09]	24,200 [7.09]	24,200 [7.09]	24,200 [7.09]
Net Latent Capacity Btu [kW]	9,800 [2.87]	9,800 [2.87]	9,800 [2.87]	9,800 [2.87]
Net System Power kW	2.93	2.93	2.93	2.93
Heating Performance (Gas)³				
Heating Input Btu [kW]	60,000 [17.58]	80,000 [23.44]	100,000 [29.3]	60,000 [17.58]
Heating Output Btu [kW]	48,600 [14.24]	64,800 [18.99]	81,000 [23.73]	48,600 [14.24]
Temperature Rise Range °F [°C]	30-60 [16.7-33.3]	30-60 [16.7-33.3]	40-70 [22.2-38.9]	30-60 [16.7-33.3]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.19	81.71	81.79	81.19
No. Burners	3	3	3	3
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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 / 23 [9]	1 / 23 [9]	1 / 23 [9]	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]	411 [186]	416 [189]	421 [191]	411 [186]
Ship Weight lbs. [kg]	421 [191]	426 [193]	431 [196]	421 [191]

See Page 31 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RGEA13 Series	036ADD081AA	036ADD101AA	042ACT081AA	042ACT101AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	41,000 [12.01]	41,000 [12.01]
EER/SEER ²	11.6/13.5	11.6/13.5	12/13.5	12/13.5
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1400/1300 [661/613]	1400/1300 [661/613]
AHRI Net Cooling Capacity Btu [kW]	34,000 [9.96]	34,000 [9.96]	40,000 [11.72]	40,000 [11.72]
Net Sensible Capacity Btu [kW]	24,200 [7.09]	24,200 [7.09]	29,000 [8.5]	29,000 [8.5]
Net Latent Capacity Btu [kW]	9,800 [2.87]	9,800 [2.87]	11,000 [3.22]	11,000 [3.22]
Net System Power kW	2.93	2.93	3.27	3.27
Heating Performance (Gas)³				
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	80,000 [23.44]	100,000 [29.3]
Heating Output Btu [kW]	64,800 [18.99]	81,000 [23.73]	64,800 [18.99]	81,000 [23.73]
Temperature Rise Range °F [°C]	30-60 [16.7-33.3]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	45-75 [25-41.7]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.71	81.79	81.71	81.79
No. Burners	3	3	4	4
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	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]	2700 [1274]	2700 [1274]	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]	1/12x9 [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	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]	52.7 [1494]	52.7 [1494]	53.6 [1520]	53.6 [1520]
Weights				
Net Weight lbs. [kg]	416 [189]	421 [191]	441 [200]	446 [202]
Ship Weight lbs. [kg]	426 [193]	431 [196]	451 [205]	456 [207]

See Page 31 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RGEA13 Series	048ACT081AA	048ACT101AA	048ADT101AA	060ACT101AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]	60,000 [17.58]
EER/SEER ²	11.5/13.5	11.5/13.5	11.5/13.5	11/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1550 [755/731]	1600/1550 [755/731]	1600/1550 [755/731]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]	57,500 [16.85]
Net Sensible Capacity Btu [kW]	32,500 [9.52]	32,500 [9.52]	32,500 [9.52]	40,300 [11.81]
Net Latent Capacity Btu [kW]	13,500 [3.96]	13,500 [3.96]	13,500 [3.96]	17,200 [5.04]
Net System Power kW	4	4	4	5.17
Heating Performance (Gas)³				
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	64,800 [18.99]	81,000 [23.73]	81,000 [23.73]	81,000 [23.73]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	45-75 [25-41.7]	45-75 [25-41.7]	45-75 [25-41.7]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	82.4	81.9	81.9	82.01
No. Burners	4	4	4	5
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	78	78	78	79
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]	1.26 [32]
Face Area sq. ft. [sq. m]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]	4 [0.37]
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]	3400 [1604]
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	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)1x24x30 [25x610x762]
Refrigerant Charge Oz. [g]	69.3 [1965]	69.3 [1965]	69.3 [1965]	66.1 [1874]
Weights				
Net Weight lbs. [kg]	477 [216]	482 [219]	482 [219]	512 [232]
Ship Weight lbs. [kg]	487 [221]	492 [223]	492 [223]	522 [237]

See Page 31 for Notes.

[] Designates Metric Conversions



NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RGEA13 Series	060ADT101AA
Cooling Performance¹	
Gross Cooling Capacity Btu [kW]	60,000 [17.58]
EER/SEER ²	11/13
Nominal CFM/AHRI Rated CFM [L/s]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	57,500 [16.85]
Net Sensible Capacity Btu [kW]	40,300 [11.81]
Net Latent Capacity Btu [kW]	17,200 [5.04]
Net System Power kW	5.17
Heating Performance (Gas)³	
Heating Input Btu [kW]	100,000 [29.3]
Heating Output Btu [kW]	81,000 [23.73]
Temperature Rise Range °F [°C]	45-75 [25-41.7]
AFUE % ⁴	81
Steady State Efficiency (%)	82.01
No. Burners	5
No. Stages	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]
Compressor	
No./Type	1/Scroll
Outdoor Sound Rating (dB)⁵	
79	
Outdoor Coil—Fin Type	
Louvered	
Tube Type	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]
Face Area sq. ft. [sq. m]	16.3 [1.51]
Rows / FPI [FPcm]	1 / 23 [9]
Indoor Coil—Fin Type	
Louvered	
Tube Type	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]
Face Area sq. ft. [sq. m]	4 [0.37]
Rows / FPI [FPcm]	1 / 20 [8]
Refrigerant Control	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]
Outdoor Fan—Type	
Propeller	
No. Used/Diameter in. [mm]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1
CFM [L/s]	3400 [1604]
No. Motors/HP	1 at 1/3 HP
Motor RPM	1075
Indoor Fan—Type	
FC Centrifugal	
No. Used/Diameter in. [mm]	1/12x9 [305x229]
Drive Type	Direct
No. Speeds	Multiple
No. Motors	1
Motor HP	1
Motor RPM	1075
Motor Frame Size	48
Filter—Type	
Field Supplied	
Furnished	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x30 [25x610x762]
Refrigerant Charge Oz. [g]	
66.1 [1874]	
Weights	
Net Weight lbs. [kg]	512 [232]
Ship Weight lbs. [kg]	522 [237]

See Page 31 for Notes.

[] Designates Metric Conversions

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

Model RGEA14 Series	024AJD041AA	024AJD04XAA	024AJD061AA
Cooling Performance¹			
Gross Cooling Capacity Btu [kW]	24,800 [7.27]	24,800 [7.27]	24,800 [7.27]
EER/SEER ²	11.6/14	11.6/14	11.6/14
Nominal CFM/AHRI Rated CFM [L/s]	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]
Net Sensible Capacity Btu [kW]	18,000 [5.27]	18,000 [5.27]	18,000 [5.27]
Net Latent Capacity Btu [kW]	6,000 [1.76]	6,000 [1.76]	6,000 [1.76]
Net System Power kW	2.07	2.07	2.07
Heating Performance (Gas)³			
Heating Input Btu [kW]	40,000 [11.72]	40,000 [11.72]	60,000 [17.58]
Heating Output Btu [kW]	32,000 [9.38]	32,000 [9.38]	48,000 [14.06]
Temperature Rise Range °F [°C]	25-55 [13.9-30.6]	25-55 [13.9-30.6]	40-70 [22.2-38.9]
AFUE % ⁴	81	81	81
Steady State Efficiency (%)	82.35	82.35	81.19
No. Burners	2	2	2
No. Stages	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor			
No./Type	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵			
	76	76	76
Outdoor Coil—Fin Type			
Tube Type	Louvered	Louvered	Louvered
MicroChannel Depth in. [mm]	MicroChannel	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	0.71 [18]	0.71 [18]	0.71 [18]
Rows / FPI [FPcm]	7.1 [0.66]	7.1 [0.66]	7.1 [0.66]
	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil—Fin Type			
Tube Type	Louvered	Louvered	Louvered
MicroChannel Depth in. [mm]	MicroChannel	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	1 [25.4]	1 [25.4]	1 [25.4]
Rows / FPI [FPcm]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]
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			
No. Used/Diameter in. [mm]	Propeller	Propeller	Propeller
Drive Type/No. Speeds	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
CFM [L/s]	Direct/1	Direct/1	Direct/1
No. Motors/HP	2500 [1180]	2500 [1180]	2500 [1180]
Motor RPM	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
	1075	1075	1075
Indoor Fan—Type			
No. Used/Diameter in. [mm]	FC Centrifugal	FC Centrifugal	FC Centrifugal
Drive Type	1/9x7 [229x178]	1/9x7 [229x178]	1/9x7 [229x178]
No. Speeds	Direct	Direct	Direct
No. Motors	Multiple	Multiple	Multiple
Motor HP	1	1	1
Motor RPM	1/4	1/4	1/4
Motor Frame Size	1075	1075	1075
	48	48	48
Filter—Type			
Furnished	Field Supplied	Field Supplied	Field Supplied
(NO.) Size Recommended in. [mm x mm x mm]	No	No	No
	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]
Refrigerant Charge Oz. [g]			
	42.7 [1211]	42.7 [1211]	42.7 [1211]
Weights			
Net Weight lbs. [kg]	398 [181]	398 [181]	403 [183]
Ship Weight lbs. [kg]	408 [185]	408 [185]	413 [187]

CONTINUED →

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[] Designates Metric Conversions

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

Model RGEA14 Series	024AJD06XAA	030AJD061AA	030AJD06XAA	030AJD081AA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	24,800 [7.27]	29,600 [8.67]	29,600 [8.67]	29,600 [8.67]
EER/SEER ²	11.6/14	12/14	12/14	12/14
Nominal CFM/AHRI Rated CFM [L/s]	800/900 [378/425]	1000/1000 [472/472]	1000/1000 [472/472]	1000/1000 [472/472]
AHRI Net Cooling Capacity Btu [kW]	24,000 [7.03]	28,400 [8.32]	28,400 [8.32]	28,400 [8.32]
Net Sensible Capacity Btu [kW]	18,000 [5.27]	21,200 [6.21]	21,200 [6.21]	21,200 [6.21]
Net Latent Capacity Btu [kW]	6,000 [1.76]	7,200 [2.11]	7,200 [2.11]	7,200 [2.11]
Net System Power kW	2.07	2.37	2.37	2.37
Heating Performance (Gas)³				
Heating Input Btu [kW]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]	80,000 [23.44]
Heating Output Btu [kW]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]	64,000 [18.75]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.19	81.19	81.19	81.61
No. Burners	2	3	3	3
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	9.9 [0.92]	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 / 23 [9]	1 / 23 [9]	1 / 23 [9]
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]	1/9x7 [229x178]	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	1/4	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)1x20x20 [25x508x508]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	42.7 [1211]	46.8 [1327]	46.8 [1327]	46.8 [1327]
Weights				
Net Weight lbs. [kg]	403 [183]	403 [183]	403 [183]	408 [185]
Ship Weight lbs. [kg]	413 [187]	413 [187]	413 [187]	418 [190]

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[] Designates Metric Conversions

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

Model RGEA14 Series	030AJD08XAA	036ACD061AA	036ACD081AA	036ACD101AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	29,600 [8.67]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
EER/SEER ²	12/14	11.8/14	11.8/14	11.8/14
Nominal CFM/AHRI Rated CFM [L/s]	1000/1000 [472/472]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	28,400 [8.32]	34,000 [9.96]	34,000 [9.96]	34,000 [9.96]
Net Sensible Capacity Btu [kW]	21,200 [6.21]	24,200 [7.09]	24,200 [7.09]	24,200 [7.09]
Net Latent Capacity Btu [kW]	7,200 [2.11]	9,800 [2.87]	9,800 [2.87]	9,800 [2.87]
Net System Power kW	2.37	2.89	2.89	2.89
Heating Performance (Gas)³				
Heating Input Btu [kW]	80,000 [23.44]	60,000 [17.58]	80,000 [23.44]	100,000 [29.3]
Heating Output Btu [kW]	64,000 [18.75]	48,600 [14.24]	64,800 [18.99]	81,000 [23.73]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	30-60 [16.7-33.3]	30-60 [16.7-33.3]	40-70 [22.2-38.9]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.61	81.19	81.71	81.79
No. Burners	3	3	3	3
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	9.8 [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 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
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]	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]	1/12x9 [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]	46.8 [1327]	52.7 [1494]	52.7 [1494]	52.7 [1494]
Weights				
Net Weight lbs. [kg]	408 [185]	411 [186]	416 [189]	421 [191]
Ship Weight lbs. [kg]	418 [190]	421 [191]	426 [193]	431 [196]

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[] Designates Metric Conversions



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

Model RGEA14 Series	036ADD061AA	036ADD081AA	036ADD101AA	036AJD061AA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
EER/SEER ²	11.8/14	11.8/14	11.8/14	11.8/14
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]	34,000 [9.96]	34,000 [9.96]	34,000 [9.96]	34,000 [9.96]
Net Sensible Capacity Btu [kW]	24,200 [7.09]	24,200 [7.09]	24,200 [7.09]	24,200 [7.09]
Net Latent Capacity Btu [kW]	9,800 [2.87]	9,800 [2.87]	9,800 [2.87]	9,800 [2.87]
Net System Power kW	2.89	2.89	2.89	2.89
Heating Performance (Gas)³				
Heating Input Btu [kW]	60,000 [17.58]	80,000 [23.44]	100,000 [29.3]	60,000 [17.58]
Heating Output Btu [kW]	48,600 [14.24]	64,800 [18.99]	81,000 [23.73]	48,000 [14.06]
Temperature Rise Range °F [°C]	30-60 [16.7-33.3]	30-60 [16.7-33.3]	40-70 [22.2-38.9]	30-60 [16.7-33.3]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.19	81.71	81.79	81.19
No. Burners	3	3	3	3
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	411 [186]	416 [189]	421 [191]	411 [186]
Ship Weight lbs. [kg]	421 [191]	426 [193]	431 [196]	421 [191]

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[] Designates Metric Conversions

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

Model RGEA14 Series	036AJD06XAA	036AJD081AA	036AJD08XAA	036AJD101AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
EER/SEER ²	11.8/14	11.8/14	11.8/14	11.8/14
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]	34,000 [9.96]	34,000 [9.96]	34,000 [9.96]	34,000 [9.96]
Net Sensible Capacity Btu [kW]	24,200 [7.09]	24,200 [7.09]	24,200 [7.09]	24,200 [7.09]
Net Latent Capacity Btu [kW]	9,800 [2.87]	9,800 [2.87]	9,800 [2.87]	9,800 [2.87]
Net System Power kW	2.89	2.89	2.89	2.89
Heating Performance (Gas)³				
Heating Input Btu [kW]	60,000 [17.58]	80,000 [23.44]	80,000 [23.44]	100,000 [29.3]
Heating Output Btu [kW]	48,000 [14.06]	64,000 [18.75]	64,000 [18.75]	80,000 [23.44]
Temperature Rise Range °F [°C]	30-60 [16.7-33.3]	30-60 [16.7-33.3]	30-60 [16.7-33.3]	40-70 [22.2-38.9]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.19	81.71	81.71	81.79
No. Burners	3	3	3	3
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	411 [186]	416 [189]	416 [189]	421 [191]
Ship Weight lbs. [kg]	421 [191]	426 [193]	426 [193]	431 [196]

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[] Designates Metric Conversions



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

Model RGEA14 Series	036AJD10XAA	042ACT081AA	042ACT101AA	042AJT081AA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	35,400 [10.37]	41,000 [12.01]	41,000 [12.01]	41,000 [12.01]
EER/SEER ²	11.8/14	12/14	12/14	12/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1400/1300 [661/613]	1400/1300 [661/613]	1400/1300 [661/613]
AHRI Net Cooling Capacity Btu [kW]	34,000 [9.96]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]
Net Sensible Capacity Btu [kW]	24,200 [7.09]	29,000 [8.5]	29,000 [8.5]	29,000 [8.5]
Net Latent Capacity Btu [kW]	9,800 [2.87]	11,000 [3.22]	11,000 [3.22]	11,000 [3.22]
Net System Power kW	2.89	3.27	3.27	3.27
Heating Performance (Gas)³				
Heating Input Btu [kW]	100,000 [29.3]	80,000 [23.44]	100,000 [29.3]	80,000 [23.44]
Heating Output Btu [kW]	80,000 [23.44]	64,800 [18.99]	81,000 [23.73]	64,000 [18.75]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	45-75 [25-41.7]	35-65 [19.4-36.1]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.79	81.71	81.79	81.71
No. Burners	3	4	4	4
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	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]	2700 [1274]	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]	1/12x9 [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	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]	52.7 [1494]	53.6 [1520]	53.6 [1520]	53.6 [1520]
Weights				
Net Weight lbs. [kg]	421 [191]	441 [200]	446 [202]	441 [200]
Ship Weight lbs. [kg]	431 [196]	451 [205]	456 [207]	451 [205]

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[] Designates Metric Conversions

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

Model RGEA14 Series	042AJT08XAA	042AJT101AA	042AJT10XAA	048ACT081AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	41,000 [12.01]	41,000 [12.01]	41,000 [12.01]	47,500 [13.92]
EER/SEER ²	12/14	12/14	12/14	11.7/14
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]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]	46,000 [13.48]
Net Sensible Capacity Btu [kW]	29,000 [8.5]	29,000 [8.5]	29,000 [8.5]	32,500 [9.52]
Net Latent Capacity Btu [kW]	11,000 [3.22]	11,000 [3.22]	11,000 [3.22]	13,500 [3.96]
Net System Power kW	3.27	3.27	3.27	3.89
Heating Performance (Gas)³				
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]	80,000 [23.44]
Heating Output Btu [kW]	64,000 [18.75]	80,000 [23.44]	80,000 [23.44]	64,800 [18.99]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	45-75 [25-41.7]	45-75 [25-41.7]	35-65 [19.4-36.1]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.71	81.79	81.79	82.4
No. Burners	4	4	4	4
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	0.71 [18]
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 [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]	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]	69.3 [1965]
Weights				
Net Weight lbs. [kg]	441 [200]	446 [202]	446 [202]	477 [216]
Ship Weight lbs. [kg]	451 [205]	456 [207]	456 [207]	487 [221]

See Page 31 for Notes.

[] Designates Metric Conversions





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

Model RGEA14 Series	048ACT101AA	048ADT101AA	048AJT081AA	048AJT08XAA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]
EER/SEER ²	11.7/14	11.7/14	11.7/14	11.7/14
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]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]
Net Sensible Capacity Btu [kW]	32,500 [9.52]	32,500 [9.52]	32,500 [9.52]	32,500 [9.52]
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	3.89	3.89	3.89	3.89
Heating Performance (Gas)³				
Heating Input Btu [kW]	100,000 [29.3]	100,000 [29.3]	80,000 [23.44]	80,000 [23.44]
Heating Output Btu [kW]	81,000 [23.73]	81,000 [23.73]	65,000 [19.04]	65,000 [19.04]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	45-75 [25-41.7]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.9	81.9	82.4	82.4
No. Burners	4	4	4	4
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	0.71 [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]	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]	69.3 [1965]	69.3 [1965]	69.3 [1965]	69.3 [1965]
Weights				
Net Weight lbs. [kg]	482 [219]	482 [219]	477 [216]	477 [216]
Ship Weight lbs. [kg]	492 [223]	492 [223]	487 [221]	487 [221]

See Page 31 for Notes.

[] Designates Metric Conversions



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

Model RGEA14 Series	048AJT101AA	048AJT10XAA	060ACT101AA	060ADT101AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	47,500 [13.92]	59,000 [17.29]	59,000 [17.29]
EER/SEER ²	11.7/14	11.7/14	11.6/14	11.6/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1550 [755/731]	1600/1550 [755/731]	2000/1700 [944/802]	2000/1700 [944/802]
AHRI Net Cooling Capacity Btu [kW]	46,000 [13.48]	46,000 [13.48]	57,000 [16.7]	57,000 [16.7]
Net Sensible Capacity Btu [kW]	32,500 [9.52]	32,500 [9.52]	39,500 [11.57]	39,500 [11.57]
Net Latent Capacity Btu [kW]	13,500 [3.96]	13,500 [3.96]	17,500 [5.13]	17,500 [5.13]
Net System Power kW	3.89	3.89	4.94	4.94
Heating Performance (Gas)³				
Heating Input Btu [kW]	100,000 [29.3]	100,000 [29.3]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	80,000 [23.44]	80,000 [23.44]	81,000 [23.73]	81,000 [23.73]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	45-75 [25-41.7]	45-75 [25-41.7]	45-75 [25-41.7]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.9	81.9	82.01	82.01
No. Burners	4	4	5	5
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	78	78	79	79
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]	0.71 [18]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	16.3 [1.51]	16.3 [1.51]	15.3 [1.42]	15.3 [1.42]
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]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	4.1 [0.38]	4.1 [0.38]	4 [0.37]	4 [0.37]
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]	3400 [1604]	3400 [1604]
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	1	1
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)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]
Refrigerant Charge Oz. [g]	69.3 [1965]	69.3 [1965]	83.1 [2356]	83.1 [2356]
Weights				
Net Weight lbs. [kg]	482 [219]	482 [219]	512 [232]	512 [232]
Ship Weight lbs. [kg]	492 [223]	492 [223]	522 [237]	522 [237]

See Page 31 for Notes.

[] Designates Metric Conversions



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

Model RGEA14 Series	060AJT101AA	060AJT10XAA
Cooling Performance¹		
Gross Cooling Capacity Btu [kW]	59,000 [17.29]	59,000 [17.29]
EER/SEER ²	11.6/14	11.6/14
Nominal CFM/AHRI Rated CFM [L/s]	2000/1700 [944/802]	2000/1700 [944/802]
AHRI Net Cooling Capacity Btu [kW]	57,000 [16.7]	57,000 [16.7]
Net Sensible Capacity Btu [kW]	39,500 [11.57]	39,500 [11.57]
Net Latent Capacity Btu [kW]	17,500 [5.13]	17,500 [5.13]
Net System Power kW	4.94	4.94
Heating Performance (Gas)³		
Heating Input Btu [kW]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	80,000 [23.44]	80,000 [23.44]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	45-75 [25-41.7]
AFUE % ⁴	81	81
Steady State Efficiency (%)	82.01	82.01
No. Burners	5	5
No. Stages	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]
Compressor		
No./Type	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵		
	79	79
Outdoor Coil—Fin Type		
Tube Type	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	15.3 [1.42]	15.3 [1.42]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]
Indoor Coil—Fin Type		
Tube Type	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	4 [0.37]	4 [0.37]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type		
Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1
CFM [L/s]	3400 [1604]	3400 [1604]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075
Indoor Fan—Type		
FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct
No. Speeds	Multiple	Multiple
No. Motors	1	1
Motor HP	1	1
Motor RPM	1075	1075
Motor Frame Size	48	48
Filter—Type		
Field Supplied	Field Supplied	Field Supplied
Furnished	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]
Refrigerant Charge Oz. [g]		
	83.1 [2356]	83.1 [2356]
Weights		
Net Weight lbs. [kg]	512 [232]	512 [232]
Ship Weight lbs. [kg]	522 [237]	522 [237]

See Page 31 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	024AJT061AA	024AJT06XAA	024AJT081AA	024AJT08XAA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	24,600 [7.21]	24,600 [7.21]	24,600 [7.21]	24,600 [7.21]
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	2.03	2.03
Heating Performance (Gas)³				
Heating Input Btu [kW]	60,000 [17.58]	60,000 [17.58]	80,000 [23.44]	80,000 [23.44]
Heating Output Btu [kW]	48,000 [14.06]	48,000 [14.06]	64,000 [18.75]	64,000 [18.75]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.19	81.19	81.61	81.61
No. Burners	2	2	2	2
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	7.1 [0.66]	7.1 [0.66]
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]	1/12x7 [305x178]	1/12x7 [305x178]	1/12x7 [305x178]	1/12x7 [305x178]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/3	1/3	1/3	1/3
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)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]
Refrigerant Charge Oz. [g]	42.6 [1208]	42.6 [1208]	42.6 [1208]	42.6 [1208]
Weights				
Net Weight lbs. [kg]	403 [183]	403 [183]	408 [185]	408 [185]
Ship Weight lbs. [kg]	413 [187]	413 [187]	418 [190]	418 [190]

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[] Designates Metric Conversions



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

Model RGEA15 Series	030AJT061AA	030AJT06XAA	030AJT081AA	030AJT08XAA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	29,600 [8.67]	29,600 [8.67]	29,600 [8.67]	29,600 [8.67]
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]	1000/975 [472/460]	1000/975 [472/460]
AHRI Net Cooling Capacity Btu [kW]	29,000 [8.5]	29,000 [8.5]	29,000 [8.5]	29,000 [8.5]
Net Sensible Capacity Btu [kW]	21,500 [6.3]	21,500 [6.3]	21,500 [6.3]	21,500 [6.3]
Net Latent Capacity Btu [kW]	7,500 [2.2]	7,500 [2.2]	7,500 [2.2]	7,500 [2.2]
Net System Power kW	2.21	2.21	2.21	2.21
Heating Performance (Gas)³				
Heating Input Btu [kW]	60,000 [17.58]	60,000 [17.58]	80,000 [23.44]	80,000 [23.44]
Heating Output Btu [kW]	48,000 [14.06]	48,000 [14.06]	64,000 [18.75]	64,000 [18.75]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.19	81.19	81.61	81.61
No. Burners	3	3	3	3
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	9.9 [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	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]	46.8 [1327]	46.8 [1327]	46.8 [1327]	46.8 [1327]
Weights				
Net Weight lbs. [kg]	403 [183]	403 [183]	408 [185]	408 [185]
Ship Weight lbs. [kg]	413 [187]	413 [187]	418 [190]	418 [190]

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[] Designates Metric Conversions

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

Model RGEA15 Series	036ACT061AA	036ACT081AA	036ACT101AA	036ADT061AA
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
Heating Performance (Gas)³				
Heating Input Btu [kW]	60,000 [17.58]	80,000 [23.44]	100,000 [29.3]	60,000 [17.58]
Heating Output Btu [kW]	48,600 [14.24]	64,800 [18.99]	81,000 [23.73]	48,600 [14.24]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	45-75 [25-41.7]	40-70 [22.2-38.9]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.19	81.71	81.79	81.19
No. Burners	3	3	3	3
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	411 [186]	416 [189]	421 [191]	411 [186]
Ship Weight lbs. [kg]	421 [191]	426 [193]	431 [196]	421 [191]

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[] Designates Metric Conversions



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

Model RGEA15 Series	036ADT081AA	036ADT101AA	036AJT061AA	036AJT06XAA
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
Heating Performance (Gas)³				
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	60,000 [17.58]	60,000 [17.58]
Heating Output Btu [kW]	64,800 [18.99]	81,000 [23.73]	48,000 [14.06]	48,000 [14.06]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	45-75 [25-41.7]	40-70 [22.2-38.9]	40-70 [22.2-38.9]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.71	81.79	81.19	81.19
No. Burners	3	3	3	3
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	416 [189]	421 [191]	411 [186]	411 [186]
Ship Weight lbs. [kg]	426 [193]	431 [196]	421 [191]	421 [191]

See Page 31 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	036AJT081AA	036AJT08XAA	036AJT101AA	036AJT10XAA
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
Heating Performance (Gas)³				
Heating Input Btu [kW]	80,000 [23.44]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	64,000 [18.75]	64,000 [18.75]	80,000 [23.44]	80,000 [23.44]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	35-65 [19.4-36.1]	45-75 [25-41.7]	45-75 [25-41.7]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.71	81.71	81.79	81.79
No. Burners	3	3	3	3
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	416 [189]	416 [189]	421 [191]	421 [191]
Ship Weight lbs. [kg]	426 [193]	426 [193]	431 [196]	431 [196]

See Page 31 for Notes.

[] Designates Metric Conversions



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

Model RGEA15 Series	042ACT081AA	042ACT101AA	042AJT081AA	042AJT08XAA
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
Heating Performance (Gas)³				
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	80,000 [23.44]	80,000 [23.44]
Heating Output Btu [kW]	64,800 [18.99]	81,000 [23.73]	64,000 [18.75]	64,000 [18.75]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	45-75 [25-41.7]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.71	81.79	81.71	81.71
No. Burners	4	4	4	4
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	1/12x9 [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]	61.3 [1738]	61.3 [1738]	61.3 [1738]	61.3 [1738]
Weights				
Net Weight lbs. [kg]	445 [202]	450 [204]	445 [202]	445 [202]
Ship Weight lbs. [kg]	455 [206]	460 [209]	455 [206]	455 [206]

See Page 31 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	042AJT101AA	042AJT10XAA	048ACT081AA	048ACT101AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	41,000 [12.01]	41,000 [12.01]	47,500 [13.92]	47,500 [13.92]
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]	1600/1550 [755/731]	1600/1550 [755/731]
AHRI Net Cooling Capacity Btu [kW]	40,000 [11.72]	40,000 [11.72]	46,000 [13.48]	46,000 [13.48]
Net Sensible Capacity Btu [kW]	28,600 [8.38]	28,600 [8.38]	33,000 [9.67]	33,000 [9.67]
Net Latent Capacity Btu [kW]	11,400 [3.34]	11,400 [3.34]	13,000 [3.81]	13,000 [3.81]
Net System Power kW	3.28	3.28	3.66	3.66
Heating Performance (Gas)³				
Heating Input Btu [kW]	100,000 [29.3]	100,000 [29.3]	80,000 [23.44]	100,000 [29.3]
Heating Output Btu [kW]	80,000 [23.44]	80,000 [23.44]	64,800 [18.99]	81,000 [23.73]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	45-75 [25-41.7]	35-65 [19.4-36.1]	45-75 [25-41.7]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	81.79	81.79	82	82.01
No. Burners	4	4	4	4
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	76	76	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]	0.71 [18]	0.71 [18]
Face Area sq. ft. [sq. m]	14.1 [1.31]	14.1 [1.31]	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]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	4.1 [0.38]	4.1 [0.38]
Rows / FPI [FPcm]	1 / 17 [7]	1 / 17 [7]	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]	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]	61.3 [1738]	61.3 [1738]	85.3 [2418]	85.3 [2418]
Weights				
Net Weight lbs. [kg]	450 [204]	450 [204]	492 [223]	497 [225]
Ship Weight lbs. [kg]	460 [209]	460 [209]	502 [228]	507 [230]

See Page 31 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	048ADT101AA	048AJT081AA	048AJT08XAA	048AJT101AA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]
EER/SEER ²	12/15	12/15	12/15	12/15
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]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]
Net Sensible Capacity Btu [kW]	33,000 [9.67]	33,000 [9.67]	33,000 [9.67]	33,000 [9.67]
Net Latent Capacity Btu [kW]	13,000 [3.81]	13,000 [3.81]	13,000 [3.81]	13,000 [3.81]
Net System Power kW	3.66	3.66	3.66	3.66
Heating Performance (Gas)³				
Heating Input Btu [kW]	100,000 [29.3]	80,000 [23.44]	80,000 [23.44]	100,000 [29.3]
Heating Output Btu [kW]	81,000 [23.73]	65,000 [19.04]	65,000 [19.04]	80,000 [23.44]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	35-65 [19.4-36.1]	35-65 [19.4-36.1]	45-75 [25-41.7]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	82.01	82	82	82.01
No. Burners	4	4	4	4
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	0.7 [17.8]	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	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]	492 [223]	497 [225]
Ship Weight lbs. [kg]	507 [230]	502 [228]	502 [228]	507 [230]

See Page 31 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	048AJT10XAA	060ACT101AA	060ADT101AA	060AJT101AA
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	59,500 [17.43]	59,500 [17.43]	59,500 [17.43]
EER/SEER ²	12/15	15	15	15
Nominal CFM/AHRI Rated CFM [L/s]	1600/1550 [755/731]	20.9/11.4	20/11	20/11
AHRI Net Cooling Capacity Btu [kW]	46,000 [13.48]	1250/1850 [590/873]	1250/1850 [590/873]	1250/1850 [590/873]
Net Sensible Capacity Btu [kW]	33,000 [9.67]	49,500/57,000 [14.5/16.7]	49,500/57,000 [14.5/16.7]	49,500/57,000 [14.5/16.7]
Net Latent Capacity Btu [kW]	13,000 [3.81]	33,800/40,700 [9.9/11.92]	33,800/40,700 [9.9/11.92]	33,800/40,700 [9.9/11.92]
Net System Power kW	3.66	15,700/16,300 [4.6/4.78]	15,700/16,300 [4.6/4.78]	15,700/16,300 [4.6/4.78]
Heating Performance (Gas)³		2.14/5.02	2.14/5.02	2.14/5.02
Heating Input Btu [kW]	100,000 [29.3]	100,000 [29.3]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	80,000 [23.44]	81,000 [23.73]	81,000 [23.73]	80,000 [23.44]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	45-75 [25-41.7]	45-75 [25-41.7]	45-75 [25-41.7]
AFUE % ⁴	81	81	81	81
Steady State Efficiency (%)	82.01	82.01	82	82
No. Burners	4	5	5	5
No. Stages	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]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁵	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]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	16.3 [1.51]	15.3 [1.42]	15.3 [1.42]	15.3 [1.42]
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 [0.37]	4 [0.37]	4 [0.37]
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	1	1	1
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)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 31 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	060AJT10XAA
Cooling Performance¹	
Gross Cooling Capacity Btu [kW]	59,500 [17.43]
EER/SEER ²	15
Nominal CFM/AHRI Rated CFM [L/s]	20/11
AHRI Net Cooling Capacity Btu [kW]	1250/1850 [590/873]
Net Sensible Capacity Btu [kW]	49,500/57,000 [14.5/16.7]
Net Latent Capacity Btu [kW]	33,800/40,700 [9.9/11.92]
Net System Power kW	15,700/16,300 [4.6/4.78]
Heating Performance (Gas)³	
Heating Input Btu [kW]	100,000 [29.3]
Heating Output Btu [kW]	80,000 [23.44]
Temperature Rise Range °F [°C]	45-75 [25-41.7]
AFUE % ⁴	81
Steady State Efficiency (%)	82
No. Burners	5
No. Stages	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]
Compressor	
No./Type	1/Scroll
Outdoor Sound Rating (dB)⁵	
78	
Outdoor Coil—Fin Type	
Tube Type	Louvered
MicroChannel Depth in. [mm]	MicroChannel
Face Area sq. ft. [sq. m]	1 [25.4]
Rows / FPI [FPcm]	15.3 [1.42]
	1 / 23 [9]
Indoor Coil—Fin Type	
Tube Type	Louvered
MicroChannel Depth in. [mm]	MicroChannel
Face Area sq. ft. [sq. m]	1.26 [32]
Rows / FPI [FPcm]	4 [0.37]
	1 / 20 [8]
Refrigerant Control	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]
Outdoor Fan—Type	
No. Used/Diameter in. [mm]	Propeller
Drive Type/No. Speeds	1/22 [558.8]
CFM [L/s]	Direct/1
No. Motors/HP	3300 [1557]
Motor RPM	1 at 1/3 HP
	1075
Indoor Fan—Type	
No. Used/Diameter in. [mm]	FC Centrifugal
Drive Type	1/12x9 [305x229]
No. Speeds	Direct
No. Motors	Multiple
Motor HP	1
Motor RPM	1
Motor Frame Size	1075
	48
Filter—Type	
Furnished	Field Supplied
(NO.) Size Recommended in. [mm x mm x mm]	No
	(1)1x24x30 [25x610x762]
Refrigerant Charge Oz. [g]	
89.6 [2540]	
Weights	
Net Weight lbs. [kg]	
Ship Weight lbs. [kg]	515 [234]
	525 [238]

See Page 31 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 or 360.
2. EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
3. Heating Performance limit settings and rating data were established and approved under laboratory test conditions using American National Standard Institute standards. Ratings shown are for elevations up to 2000 feet. For elevations above 2000 feet, ratings should be reduced at the rate of 4% for each 1000 feet above sea level.
4. AFUE is rated in accordance with DOE test procedures.
5. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.





GROSS SYSTEMS PERFORMANCE DATA—RGEA13036A

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			0.23	0.21	0.18	0.23	0.21	0.18	0.23	0.21	0.18
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	44.3 [13.0] 25.4 [7.4] 2.0	43.5 [12.8] 24.2 [7.1] 2.0	42.3 [12.4] 22.5 [6.6] 2.0	41.4 [12.1] 29.6 [8.7] 2.0	40.6 [11.9] 28.3 [8.3] 2.0	39.5 [11.6] 26.3 [7.7] 2.0	38.3 [11.2] 32.8 [9.6] 2.0	37.6 [11.0] 31.3 [9.2] 2.0	36.6 [10.7] 29.1 [8.5] 2.0
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	43.0 [12.6] 24.7 [7.2] 2.1	42.2 [12.4] 23.6 [6.9] 2.1	41.1 [12.0] 21.9 [6.4] 2.1	40.0 [11.7] 28.9 [8.5] 2.1	39.3 [11.5] 27.6 [8.1] 2.1	38.2 [11.2] 25.7 [7.5] 2.1	37.0 [10.8] 32.1 [9.4] 2.1	36.3 [10.6] 30.7 [9.0] 2.1	35.3 [10.3] 28.5 [8.4] 2.1
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	41.7 [12.2] 24.0 [7.0] 2.3	40.9 [12.0] 22.9 [6.7] 2.2	39.8 [11.7] 21.3 [6.2] 2.2	38.7 [11.3] 28.2 [8.3] 2.2	38.0 [11.1] 27.0 [7.9] 2.2	37.0 [10.8] 25.1 [7.3] 2.2	35.6 [10.4] 31.4 [9.2] 2.2	35.0 [10.3] 30.0 [8.8] 2.2	34.0 [10.0] 27.9 [8.2] 2.2
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	40.3 [11.8] 23.2 [6.8] 2.4	39.6 [11.6] 22.2 [6.5] 2.4	38.5 [11.3] 20.7 [6.1] 2.3	37.3 [10.9] 27.5 [8.1] 2.4	36.7 [10.7] 26.3 [7.7] 2.4	35.7 [10.5] 24.4 [7.2] 2.3	34.3 [10.0] 30.7 [9.0] 2.4	33.7 [9.9] 29.3 [8.6] 2.4	32.7 [9.6] 27.3 [8.0] 2.3
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	38.9 [11.4] 22.5 [6.6] 2.5	38.3 [11.2] 21.5 [6.3] 2.5	37.2 [10.9] 20.0 [5.9] 2.5	36.0 [10.5] 26.7 [7.8] 2.5	35.3 [10.4] 25.5 [7.5] 2.5	34.4 [10.1] 23.7 [7.0] 2.5	32.9 [9.6] 29.9 [8.8] 2.5	32.3 [9.5] 28.6 [8.4] 2.5	31.4 [9.2] 26.6 [7.8] 2.5
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	37.6 [11.0] 21.7 [6.4] 2.7	36.9 [10.8] 20.7 [6.1] 2.7	35.9 [10.5] 19.3 [5.7] 2.6	34.6 [10.1] 25.9 [7.6] 2.7	34.0 [10.0] 24.8 [7.3] 2.7	33.0 [9.7] 23.0 [6.8] 2.6	31.5 [9.2] 29.1 [8.5] 2.7	30.9 [9.1] 27.8 [8.2] 2.6	30.1 [8.8] 25.9 [7.6] 2.6
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	36.1 [10.6] 20.9 [6.1] 2.9	35.5 [10.4] 20.0 [5.8] 2.8	34.5 [10.1] 18.6 [5.4] 2.8	33.2 [9.7] 25.1 [7.4] 2.8	32.6 [9.5] 24.0 [7.0] 2.8	31.7 [9.3] 22.3 [6.5] 2.8	30.1 [8.8] 28.3 [8.3] 2.8	29.6 [8.7] 27.1 [7.9] 2.8	28.7 [8.4] 25.2 [7.4] 2.8
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	34.7 [10.2] 20.1 [5.9] 3.0	34.1 [10.0] 19.2 [5.6] 3.0	33.2 [9.7] 17.8 [5.2] 3.0	31.7 [9.3] 24.3 [7.1] 3.0	31.2 [9.1] 23.2 [6.8] 3.0	30.3 [8.9] 21.6 [6.3] 3.0	28.7 [8.4] 27.5 [8.1] 3.0	28.2 [8.3] 26.3 [7.7] 3.0	27.4 [8.0] 24.4 [7.2] 3.0
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	33.3 [9.8] 19.2 [5.6] 3.2	32.7 [9.6] 18.3 [5.4] 3.2	31.8 [9.3] 17.0 [5.0] 3.2	30.3 [8.9] 23.4 [6.9] 3.2	29.8 [8.7] 22.4 [6.6] 3.2	28.9 [8.5] 20.8 [6.1] 3.2	27.2 [8.0] 26.6 [7.8] 3.2	26.7 [7.8] 25.4 [7.5] 3.2	26.0 [7.6] 23.7 [6.9] 3.1
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	31.8 [9.3] 18.3 [5.4] 3.4	31.2 [9.2] 17.5 [5.1] 3.4	30.4 [8.9] 16.3 [4.8] 3.4	28.8 [8.5] 22.5 [6.6] 3.4	28.3 [8.3] 21.5 [6.3] 3.4	27.5 [8.1] 20.0 [5.9] 3.4	25.8 [7.5] 25.7 [7.5] 3.4	25.3 [7.4] 24.6 [7.2] 3.4	24.6 [7.2] 22.9 [6.7] 3.3
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	30.3 [8.9] 17.4 [5.1] 3.6	29.8 [8.7] 16.6 [4.9] 3.6	29.0 [8.5] 15.4 [4.5] 3.6	27.4 [8.0] 21.6 [6.3] 3.6	26.9 [7.9] 20.7 [6.1] 3.6	26.1 [7.7] 19.2 [5.6] 3.6	24.3 [7.1] 24.3 [7.1] 3.6	23.8 [7.0] 23.7 [6.9] 3.6	23.2 [6.8] 22.0 [6.5] 3.6

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—RGEA13042A

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] Sens BTUH [kW] Power	50.0 [14.7] 29.2 [8.5] 2.4	49.1 [14.4] 27.9 [8.2] 2.4	47.7 [14.0] 25.9 [7.6] 2.3	47.3 [13.9] 34.3 [10.0] 2.4	46.4 [13.6] 32.7 [9.6] 2.3	45.1 [13.2] 30.4 [8.9] 2.3	44.3 [13.0] 38.5 [11.3] 2.3	43.5 [12.8] 36.8 [10.8] 2.3	42.3 [12.4] 34.2 [10.0] 2.3
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	48.7 [14.3] 28.5 [8.4] 2.5	47.9 [14.0] 27.3 [8.0] 2.5	46.5 [13.6] 25.3 [7.4] 2.5	46.0 [13.5] 33.7 [9.9] 2.5	45.2 [13.2] 32.2 [9.4] 2.5	43.9 [12.9] 29.8 [8.7] 2.4	43.0 [12.6] 37.9 [11.1] 2.5	42.3 [12.4] 36.2 [10.6] 2.5	41.1 [12.0] 33.6 [9.9] 2.4
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	47.4 [13.9] 27.9 [8.2] 2.7	46.6 [13.6] 26.6 [7.8] 2.6	45.2 [13.3] 24.7 [7.2] 2.6	44.7 [13.1] 33.0 [9.7] 2.6	43.9 [12.9] 31.5 [9.2] 2.6	42.6 [12.5] 29.3 [8.6] 2.6	41.7 [12.2] 37.2 [10.9] 2.6	41.0 [12.0] 35.6 [10.4] 2.6	39.8 [11.7] 33.0 [9.7] 2.6
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	46.0 [13.5] 27.2 [8.0] 2.8	45.2 [13.2] 26.0 [7.6] 2.8	43.9 [12.9] 24.1 [7.1] 2.8	43.3 [12.7] 32.3 [9.5] 2.8	42.5 [12.5] 30.8 [9.0] 2.8	41.3 [12.1] 28.6 [8.4] 2.7	40.3 [11.8] 36.5 [10.7] 2.8	39.6 [11.6] 34.9 [10.2] 2.8	38.5 [11.3] 32.4 [9.5] 2.7
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	44.6 [13.1] 26.4 [7.7] 3.0	43.8 [12.8] 25.2 [7.4] 3.0	42.6 [12.5] 23.4 [6.9] 2.9	41.8 [12.3] 31.5 [9.2] 3.0	41.1 [12.0] 30.1 [8.8] 3.0	39.9 [11.7] 27.9 [8.2] 2.9	38.9 [11.4] 35.8 [10.5] 3.0	38.2 [11.2] 34.2 [10.0] 2.9	37.1 [10.9] 31.7 [9.3] 2.9
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	43.1 [12.6] 25.6 [7.5] 3.2	42.3 [12.4] 24.4 [7.2] 3.1	41.1 [12.1] 22.7 [6.6] 3.1	40.4 [11.8] 30.7 [9.0] 3.2	39.6 [11.6] 29.3 [8.6] 3.1	38.5 [11.3] 27.2 [8.0] 3.1	37.4 [11.0] 34.9 [10.2] 3.1	36.7 [10.8] 33.4 [9.8] 3.1	35.7 [10.5] 31.0 [9.1] 3.1
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	41.6 [12.2] 24.7 [7.2] 3.4	40.8 [12.0] 23.6 [6.9] 3.3	39.7 [11.6] 21.9 [6.4] 3.3	38.8 [11.4] 29.8 [8.7] 3.3	38.1 [11.2] 28.5 [8.3] 3.3	37.1 [10.9] 26.4 [7.7] 3.3	35.9 [10.5] 34.1 [10.0] 3.3	35.2 [10.3] 32.5 [9.5] 3.3	34.3 [10.0] 30.2 [8.8] 3.3
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	40.0 [11.7] 23.8 [7.0] 3.6	39.3 [11.5] 22.7 [6.7] 3.5	38.2 [11.2] 21.1 [6.2] 3.5	37.2 [10.9] 28.9 [8.5] 3.5	36.6 [10.7] 27.6 [8.1] 3.5	35.6 [10.4] 25.6 [7.5] 3.5	34.3 [10.0] 33.1 [9.7] 3.5	33.7 [9.9] 31.6 [9.3] 3.5	32.7 [9.6] 29.4 [8.6] 3.5
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	38.3 [11.2] 22.8 [6.7] 3.8	37.7 [11.0] 21.8 [6.4] 3.7	36.6 [10.7] 20.2 [5.9] 3.7	35.6 [10.4] 27.9 [8.2] 3.8	35.0 [10.2] 26.6 [7.8] 3.7	34.0 [10.0] 24.7 [7.2] 3.7	32.7 [9.6] 32.1 [9.4] 3.7	32.1 [9.4] 30.7 [9.0] 3.7	31.2 [9.1] 28.5 [8.4] 3.7
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	36.7 [10.7] 21.7 [6.4] 4.0	36.0 [10.6] 20.8 [6.1] 4.0	35.0 [10.3] 19.3 [5.6] 3.9	33.9 [9.9] 26.8 [7.9] 4.0	33.3 [9.8] 25.6 [7.5] 3.9	32.4 [9.5] 23.8 [7.0] 3.9	31.0 [9.1] 31.0 [9.1] 4.0	30.4 [8.9] 29.7 [8.7] 3.9	29.6 [8.7] 27.6 [8.1] 3.9
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	34.9 [10.2] 20.6 [6.1] 4.2	34.3 [10.1] 19.7 [5.8] 4.2	33.3 [9.8] 18.3 [5.4] 4.1	32.2 [9.4] 25.8 [7.5] 4.2	31.6 [9.3] 24.6 [7.2] 4.2	30.7 [9.0] 22.8 [6.7] 4.1	29.2 [8.6] 29.2 [8.6] 4.2	28.7 [8.4] 28.7 [8.4] 4.1	27.9 [8.2] 26.6 [7.8] 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—RGEA13048A

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			0.21	0.19	0.17	0.21	0.19	0.17	0.21	0.19	0.17
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	58.8 [17.2]	57.8 [16.9]	56.3 [16.5]	55.4 [16.2]	54.4 [15.9]	53.0 [15.5]	52.6 [15.4]	51.7 [15.1]	50.3 [14.7]
		Sens BTUH [kW]	33.0 [9.7]	31.6 [9.3]	29.4 [8.6]	39.1 [11.5]	37.4 [11.0]	34.8 [10.2]	45.0 [13.2]	43.0 [12.6]	40.1 [11.7]
		Power	2.8	2.8	2.7	2.8	2.7	2.7	2.7	2.7	2.7
	80 [26.7]	Total BTUH [kW]	57.1 [16.7]	56.1 [16.4]	54.6 [16.0]	53.6 [15.7]	52.7 [15.4]	51.3 [15.0]	50.8 [14.9]	49.9 [14.6]	48.6 [14.2]
		Sens BTUH [kW]	32.2 [9.4]	30.8 [9.0]	28.7 [8.4]	38.3 [11.2]	36.6 [10.7]	34.1 [10.0]	44.2 [12.9]	42.3 [12.4]	39.3 [11.5]
		Power	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8
	85 [29.4]	Total BTUH [kW]	55.3 [16.2]	54.4 [15.9]	52.9 [15.5]	51.9 [15.2]	51.0 [14.9]	49.6 [14.5]	49.1 [14.4]	48.2 [14.1]	46.9 [13.7]
		Sens BTUH [kW]	31.4 [9.2]	30.0 [8.8]	27.9 [8.2]	37.4 [11.0]	35.8 [10.5]	33.3 [9.8]	43.3 [12.7]	41.4 [12.1]	38.6 [11.3]
		Power	3.1	3.1	3.0	3.1	3.1	3.0	3.1	3.0	3.0
	90 [32.2]	Total BTUH [kW]	53.6 [15.7]	52.6 [15.4]	51.2 [15.0]	50.1 [14.7]	49.2 [14.4]	47.9 [14.0]	47.3 [13.9]	46.5 [13.6]	45.2 [13.3]
		Sens BTUH [kW]	30.4 [8.9]	29.1 [8.5]	27.1 [7.9]	36.5 [10.7]	34.9 [10.2]	32.5 [9.5]	42.4 [12.4]	40.6 [11.9]	37.8 [11.1]
Power		3.3	3.3	3.2	3.3	3.2	3.2	3.2	3.2	3.2	
95 [35]	Total BTUH [kW]	51.8 [15.2]	50.9 [14.9]	49.5 [14.5]	48.4 [14.2]	47.5 [13.9]	46.3 [13.6]	45.6 [13.4]	44.8 [13.1]	43.6 [12.8]	
	Sens BTUH [kW]	29.5 [8.6]	28.2 [8.3]	26.3 [7.7]	35.6 [10.4]	34.0 [10.0]	31.7 [9.3]	41.5 [12.1]	39.7 [11.6]	36.9 [10.8]	
	Power	3.5	3.5	3.4	3.5	3.4	3.4	3.4	3.4	3.4	
100 [37.8]	Total BTUH [kW]	50.1 [14.7]	49.2 [14.4]	47.9 [14.0]	46.6 [13.7]	45.8 [13.4]	44.6 [13.1]	43.8 [12.8]	43.1 [12.6]	41.9 [12.3]	
	Sens BTUH [kW]	28.5 [8.4]	27.3 [8.0]	25.4 [7.4]	34.6 [10.1]	33.1 [9.7]	30.8 [9.0]	40.5 [11.9]	38.7 [11.3]	36.0 [10.6]	
	Power	3.7	3.7	3.6	3.7	3.7	3.6	3.7	3.6	3.6	
105 [40.6]	Total BTUH [kW]	48.4 [14.2]	47.5 [13.9]	46.2 [13.5]	44.9 [13.2]	44.1 [12.9]	42.9 [12.6]	42.1 [12.3]	41.4 [12.1]	40.3 [11.8]	
	Sens BTUH [kW]	27.5 [8.1]	26.3 [7.7]	24.5 [7.2]	33.6 [9.8]	32.1 [9.4]	29.9 [8.8]	39.4 [11.6]	37.7 [11.1]	35.1 [10.3]	
	Power	4.0	3.9	3.9	3.9	3.9	3.8	3.9	3.9	3.8	
110 [43.3]	Total BTUH [kW]	46.6 [13.7]	45.8 [13.4]	44.6 [13.1]	43.2 [12.7]	42.4 [12.4]	41.3 [12.1]	40.4 [11.8]	39.7 [11.6]	38.6 [11.3]	
	Sens BTUH [kW]	26.4 [7.7]	25.3 [7.4]	23.5 [6.9]	32.5 [9.5]	31.1 [9.1]	28.9 [8.5]	38.4 [11.2]	36.7 [10.8]	34.2 [10.0]	
	Power	4.2	4.2	4.1	4.2	4.2	4.1	4.2	4.1	4.1	
115 [46.1]	Total BTUH [kW]	44.9 [13.2]	44.1 [12.9]	42.9 [12.6]	41.5 [12.2]	40.8 [11.9]	39.7 [11.6]	38.7 [11.3]	38.0 [11.1]	37.0 [10.8]	
	Sens BTUH [kW]	25.3 [7.4]	24.2 [7.1]	22.6 [6.6]	31.4 [9.2]	30.0 [8.8]	28.0 [8.2]	37.3 [10.9]	35.7 [10.5]	33.2 [9.7]	
	Power	4.5	4.5	4.4	4.5	4.4	4.4	4.4	4.4	4.4	
120 [48.9]	Total BTUH [kW]	43.2 [12.7]	42.5 [12.4]	41.3 [12.1]	39.8 [11.7]	39.1 [11.4]	38.0 [11.1]	37.0 [10.8]	36.3 [10.6]	35.3 [10.4]	
	Sens BTUH [kW]	24.2 [7.1]	23.1 [6.8]	21.5 [6.3]	30.3 [8.9]	28.9 [8.5]	26.9 [7.9]	36.1 [10.6]	34.6 [10.1]	32.2 [9.4]	
	Power	4.8	4.8	4.7	4.8	4.7	4.7	4.7	4.7	4.6	
125 [51.7]	Total BTUH [kW]	41.5 [12.2]	40.8 [12.0]	39.7 [11.6]	38.1 [11.2]	37.4 [11.0]	36.4 [10.7]	35.3 [10.3]	34.6 [10.2]	33.7 [9.9]	
	Sens BTUH [kW]	23.0 [6.7]	22.0 [6.4]	20.5 [6.0]	29.1 [8.5]	27.8 [8.2]	25.9 [7.6]	35.0 [10.2]	33.4 [9.8]	31.1 [9.1]	
	Power	5.1	5.1	5.0	5.1	5.0	5.0	5.1	5.0	5.0	

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—RGEA13060A**

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]			1870 [883]	1700 [802]	1440 [680]	1870 [883]	1700 [802]	1440 [680]	1870 [883]	1700 [802]	1440 [680]
DR ①			0.14	0.13	0.11	0.14	0.13	0.11	0.14	0.13	0.11
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	72.1 [21.1] 40.6 [11.9] 3.5	70.8 [20.7] 38.8 [11.4] 3.5	68.8 [20.2] 36.0 [10.6] 3.5	67.8 [19.9] 47.8 [14.0] 3.5	66.6 [19.5] 45.7 [13.4] 3.5	64.7 [19.0] 42.4 [12.4] 3.4	63.6 [18.6] 54.4 [16.0] 3.5	62.4 [18.3] 52.0 [15.2] 3.5	60.7 [17.8] 48.3 [14.2] 3.4
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	70.3 [20.6] 39.6 [11.6] 3.7	69.0 [20.2] 37.8 [11.1] 3.7	67.1 [19.7] 35.1 [10.3] 3.7	66.0 [19.3] 46.7 [13.7] 3.7	64.8 [19.0] 44.7 [13.1] 3.7	63.0 [18.5] 41.5 [12.2] 3.6	61.8 [18.1] 53.4 [15.6] 3.7	60.7 [17.8] 51.0 [15.0] 3.6	59.0 [17.3] 47.4 [13.9] 3.6
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	68.4 [20.0] 38.5 [11.3] 4.0	67.1 [19.7] 36.8 [10.8] 3.9	65.3 [19.1] 34.1 [10.0] 3.9	64.1 [18.8] 45.7 [13.4] 3.9	62.9 [18.4] 43.6 [12.8] 3.9	61.2 [17.9] 40.5 [11.9] 3.8	59.9 [17.5] 52.3 [15.3] 3.9	58.8 [17.2] 50.0 [14.6] 3.9	57.2 [16.7] 46.4 [13.6] 3.8
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	66.4 [19.5] 37.3 [10.9] 4.2	65.2 [19.1] 35.7 [10.5] 4.1	63.4 [18.6] 33.1 [9.7] 4.1	62.1 [18.2] 44.5 [13.1] 4.2	61.0 [17.9] 42.6 [12.5] 4.1	59.3 [17.4] 39.5 [11.6] 4.1	57.9 [17.0] 51.2 [15.0] 4.1	56.8 [16.7] 48.9 [14.3] 4.1	55.3 [16.2] 45.4 [13.3] 4.0
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	64.3 [18.8] 36.2 [10.6] 4.4	63.2 [18.5] 34.6 [10.1] 4.4	61.4 [18.0] 32.1 [9.4] 4.3	60.0 [17.6] 43.4 [12.7] 4.4	58.9 [17.3] 41.4 [12.1] 4.4	57.3 [16.8] 38.5 [11.3] 4.3	55.8 [16.4] 50.0 [14.7] 4.4	54.8 [16.1] 47.8 [14.0] 4.3	53.3 [15.6] 44.4 [13.0] 4.3
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	62.1 [18.2] 35.0 [10.3] 4.7	61.0 [17.9] 33.4 [9.8] 4.7	59.3 [17.4] 31.0 [9.1] 4.6	57.9 [17.0] 42.2 [12.4] 4.7	56.8 [16.7] 40.3 [11.8] 4.6	55.2 [16.2] 37.4 [11.0] 4.6	53.6 [15.7] 48.8 [14.3] 4.7	52.7 [15.4] 46.7 [13.7] 4.6	51.2 [15.0] 43.3 [12.7] 4.5
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	59.9 [17.5] 33.8 [9.9] 5.0	58.8 [17.2] 32.3 [9.5] 5.0	57.2 [16.8] 30.0 [8.8] 4.9	55.6 [16.3] 41.0 [12.0] 5.0	54.6 [16.0] 39.1 [11.5] 4.9	53.1 [15.6] 36.3 [10.6] 4.9	51.4 [15.1] 47.6 [14.0] 4.9	50.5 [14.8] 45.5 [13.3] 4.9	49.1 [14.4] 42.2 [12.4] 4.8
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	57.6 [16.9] 32.5 [9.5] 5.3	56.5 [16.6] 31.0 [9.1] 5.3	55.0 [16.1] 28.8 [8.4] 5.2	53.3 [15.6] 39.7 [11.6] 5.3	52.3 [15.3] 37.9 [11.1] 5.2	50.9 [14.9] 35.2 [10.3] 5.2	49.0 [14.4] 46.3 [13.6] 5.2	48.2 [14.1] 44.3 [13.0] 5.2	46.8 [13.7] 41.1 [12.0] 5.1
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	55.1 [16.2] 31.2 [9.1] 5.6	54.1 [15.9] 29.8 [8.7] 5.6	52.6 [15.4] 27.7 [8.1] 5.5	50.8 [14.9] 38.4 [11.2] 5.6	49.9 [14.6] 36.7 [10.7] 5.5	48.5 [14.2] 34.0 [10.0] 5.5	46.6 [13.7] 45.0 [13.2] 5.6	45.8 [13.4] 43.0 [12.6] 5.5	44.5 [13.0] 40.0 [11.7] 5.4
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	52.6 [15.4] 29.8 [8.7] 6.0	51.7 [15.1] 28.5 [8.4] 5.9	50.2 [14.7] 26.5 [7.8] 5.8	48.3 [14.2] 37.0 [10.8] 5.9	47.5 [13.9] 35.4 [10.4] 5.9	46.1 [13.5] 32.8 [9.6] 5.8	44.1 [12.9] 43.7 [12.8] 5.9	43.3 [12.7] 41.7 [12.2] 5.9	42.1 [12.3] 38.8 [11.4] 5.8
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	50.0 [14.7] 28.5 [8.3] 6.3	49.1 [14.4] 27.2 [8.0] 6.3	47.8 [14.0] 25.2 [7.4] 6.2	45.7 [13.4] 35.6 [10.4] 6.3	44.9 [13.2] 34.1 [10.0] 6.2	43.7 [12.8] 31.6 [9.3] 6.2	41.5 [12.2] 41.5 [12.2] 6.3	40.8 [11.9] 40.4 [11.8] 6.2	39.6 [11.6] 37.5 [11.0] 6.1

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—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			0.18	0.15	0.12	0.18	0.15	0.12	0.18	0.15	0.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	31.2 [9.1]	30.6 [9.0]	29.7 [8.7]	29.3 [8.6]	28.8 [8.4]	28.0 [8.2]	27.8 [8.2]	27.3 [8.0]	26.6 [7.8]
		Sens BTUH [kW]	19.3 [5.7]	18.5 [5.4]	17.1 [5.0]	22.6 [6.6]	21.6 [6.3]	20.0 [5.9]	25.3 [7.4]	24.2 [7.1]	22.5 [6.6]
		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]	30.1 [8.8]	29.6 [8.7]	28.8 [8.4]	28.3 [8.3]	27.8 [8.2]	27.0 [7.9]	26.8 [7.9]	26.3 [7.7]	25.6 [7.5]
		Sens BTUH [kW]	18.7 [5.5]	17.9 [5.2]	16.6 [4.9]	22.0 [6.4]	21.0 [6.2]	19.5 [5.7]	24.7 [7.2]	23.6 [6.9]	21.9 [6.4]
		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]	29.1 [8.5]	28.6 [8.4]	27.8 [8.1]	27.3 [8.0]	26.8 [7.9]	26.1 [7.6]	25.8 [7.6]	25.4 [7.4]	24.6 [7.2]
		Sens BTUH [kW]	18.1 [5.3]	17.3 [5.1]	16.0 [4.7]	21.4 [6.3]	20.4 [6.0]	18.9 [5.5]	24.1 [7.1]	23.0 [6.8]	21.4 [6.3]
		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]	28.1 [8.2]	27.6 [8.1]	26.8 [7.9]	26.3 [7.7]	25.8 [7.6]	25.1 [7.4]	24.8 [7.3]	24.4 [7.1]	23.7 [6.9]
		Sens BTUH [kW]	17.5 [5.1]	16.7 [4.9]	15.5 [4.5]	20.8 [6.1]	19.8 [5.8]	18.4 [5.4]	23.5 [6.9]	22.5 [6.6]	20.8 [6.1]
		Power	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
95 [35]	Total BTUH [kW]	27.1 [7.9]	26.6 [7.8]	25.9 [7.6]	25.3 [7.4]	24.9 [7.3]	24.2 [7.1]	23.8 [7.0]	23.4 [6.8]	22.7 [6.7]	
	Sens BTUH [kW]	16.9 [5.0]	16.1 [4.7]	15.0 [4.4]	20.2 [5.9]	19.3 [5.6]	17.9 [5.2]	22.9 [6.7]	21.9 [6.4]	20.3 [5.9]	
	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]	24.3 [7.1]	23.9 [7.0]	23.2 [6.8]	22.8 [6.7]	22.4 [6.6]	21.7 [6.4]	
	Sens BTUH [kW]	16.3 [4.8]	15.6 [4.6]	14.4 [4.2]	19.6 [5.7]	18.7 [5.5]	17.3 [5.1]	22.3 [6.5]	21.3 [6.2]	19.8 [5.8]	
	Power	2.0	1.9	1.9	2.0	1.9	1.9	2.0	1.9	1.9	
105 [40.6]	Total BTUH [kW]	25.1 [7.4]	24.6 [7.2]	23.9 [7.0]	23.3 [6.8]	22.9 [6.7]	22.2 [6.5]	21.8 [6.4]	21.4 [6.3]	20.8 [6.1]	
	Sens BTUH [kW]	15.7 [4.6]	15.0 [4.4]	13.9 [4.1]	19.0 [5.6]	18.1 [5.3]	16.8 [4.9]	21.7 [6.4]	20.7 [6.1]	19.2 [5.6]	
	Power	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.0	
110 [43.3]	Total BTUH [kW]	24.1 [7.1]	23.6 [6.9]	23.0 [6.7]	22.3 [6.5]	21.9 [6.4]	21.2 [6.2]	20.7 [6.1]	20.4 [6.0]	19.8 [5.8]	
	Sens BTUH [kW]	15.1 [4.4]	14.4 [4.2]	13.4 [3.9]	18.4 [5.4]	17.5 [5.1]	16.3 [4.8]	20.7 [6.1]	20.2 [5.9]	18.7 [5.5]	
	Power	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
115 [46.1]	Total BTUH [kW]	23.1 [6.8]	22.6 [6.6]	22.0 [6.4]	21.2 [6.2]	20.9 [6.1]	20.3 [5.9]	19.7 [5.8]	19.4 [5.7]	18.8 [5.5]	
	Sens BTUH [kW]	14.5 [4.3]	13.9 [4.1]	12.9 [3.8]	17.8 [5.2]	17.0 [5.0]	15.7 [4.6]	19.7 [5.8]	19.4 [5.7]	18.2 [5.3]	
	Power	2.4	2.4	2.3	2.4	2.4	2.3	2.4	2.4	2.3	
120 [48.9]	Total BTUH [kW]	22.0 [6.5]	21.6 [6.3]	21.0 [6.2]	20.2 [5.9]	19.9 [5.8]	19.3 [5.7]	18.7 [5.5]	18.4 [5.4]	17.9 [5.2]	
	Sens BTUH [kW]	13.9 [4.1]	13.3 [3.9]	12.3 [3.6]	17.2 [5.0]	16.4 [4.8]	15.2 [4.5]	18.7 [5.5]	18.4 [5.4]	17.7 [5.2]	
	Power	2.6	2.5	2.5	2.6	2.5	2.5	2.6	2.5	2.5	
125 [51.7]	Total BTUH [kW]	21.0 [6.2]	20.6 [6.0]	20.1 [5.9]	19.2 [5.6]	18.9 [5.5]	18.3 [5.4]	17.7 [5.2]	17.4 [5.1]	16.9 [4.9]	
	Sens BTUH [kW]	13.3 [3.9]	12.7 [3.7]	11.8 [3.5]	16.6 [4.9]	15.8 [4.6]	14.7 [4.3]	17.7 [5.2]	17.4 [5.1]	16.9 [4.9]	
	Power	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	

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—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]			1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]
DR ①			0.16	0.15	0.11	0.16	0.15	0.11	0.16	0.15	0.11
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	37.0 [10.9]	36.4 [10.7]	35.4 [10.4]	35.0 [10.3]	34.4 [10.1]	33.4 [9.8]	33.2 [9.7]	32.6 [9.6]	31.7 [9.3]
		Sens BTUH [kW]	21.6 [6.3]	20.6 [6.0]	19.2 [5.6]	25.6 [7.5]	24.4 [7.2]	22.7 [6.7]	28.8 [8.4]	27.5 [8.1]	25.6 [7.5]
		Power	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6
	80 [26.7]	Total BTUH [kW]	36.0 [10.5]	35.4 [10.4]	34.4 [10.1]	33.9 [9.9]	33.3 [9.8]	32.4 [9.5]	32.2 [9.4]	31.6 [9.3]	30.7 [9.0]
		Sens BTUH [kW]	21.1 [6.2]	20.1 [5.9]	18.7 [5.5]	25.1 [7.4]	24.0 [7.0]	22.3 [6.5]	28.3 [8.3]	27.0 [7.9]	25.1 [7.4]
		Power	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	85 [29.4]	Total BTUH [kW]	34.9 [10.2]	34.3 [10.1]	33.4 [9.8]	32.9 [9.6]	32.3 [9.5]	31.4 [9.2]	31.1 [9.1]	30.6 [9.0]	29.7 [8.7]
		Sens BTUH [kW]	20.6 [6.0]	19.7 [5.8]	18.3 [5.4]	24.6 [7.2]	23.5 [6.9]	21.8 [6.4]	27.8 [8.1]	26.5 [7.8]	24.7 [7.2]
		Power	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	90 [32.2]	Total BTUH [kW]	33.9 [9.9]	33.3 [9.7]	32.3 [9.5]	31.8 [9.3]	31.2 [9.2]	30.4 [8.9]	30.0 [8.8]	29.5 [8.6]	28.7 [8.4]
		Sens BTUH [kW]	20.1 [5.9]	19.2 [5.6]	17.8 [5.2]	24.1 [7.1]	23.0 [6.7]	21.4 [6.3]	27.3 [8.0]	26.0 [7.6]	24.2 [7.1]
Power		1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
95 [35]	Total BTUH [kW]	32.8 [9.6]	32.2 [9.4]	31.3 [9.2]	30.7 [9.0]	30.2 [8.8]	29.3 [8.6]	28.9 [8.5]	28.4 [8.3]	27.6 [8.1]	
	Sens BTUH [kW]	19.5 [5.7]	18.6 [5.5]	17.3 [5.1]	23.5 [6.9]	22.5 [6.6]	20.9 [6.1]	26.7 [7.8]	25.5 [7.5]	23.7 [7.0]	
	Power	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
100 [37.8]	Total BTUH [kW]	31.6 [9.3]	31.1 [9.1]	30.2 [8.9]	29.6 [8.7]	29.1 [8.5]	28.3 [8.3]	27.8 [8.2]	27.3 [8.0]	26.6 [7.8]	
	Sens BTUH [kW]	18.9 [5.5]	18.1 [5.3]	16.8 [4.9]	22.9 [6.7]	21.9 [6.4]	20.4 [6.0]	26.1 [7.7]	25.0 [7.3]	23.2 [6.8]	
	Power	2.2	2.2	2.1	2.2	2.1	2.1	2.2	2.1	2.1	
105 [40.6]	Total BTUH [kW]	30.5 [8.9]	30.0 [8.8]	29.2 [8.5]	28.5 [8.3]	28.0 [8.2]	27.2 [8.0]	26.7 [7.8]	26.2 [7.7]	25.5 [7.5]	
	Sens BTUH [kW]	18.3 [5.4]	17.5 [5.1]	16.3 [4.8]	22.3 [6.5]	21.3 [6.2]	19.8 [5.8]	25.5 [7.5]	24.4 [7.1]	22.7 [6.6]	
	Power	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.2	
110 [43.3]	Total BTUH [kW]	29.4 [8.6]	28.8 [8.5]	28.1 [8.2]	27.3 [8.0]	26.8 [7.9]	26.1 [7.6]	25.5 [7.5]	25.1 [7.4]	24.4 [7.2]	
	Sens BTUH [kW]	17.7 [5.2]	16.9 [5.0]	15.7 [4.6]	21.7 [6.4]	20.7 [6.1]	19.3 [5.6]	24.9 [7.3]	23.8 [7.0]	22.1 [6.5]	
	Power	2.4	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]	26.9 [7.9]	26.1 [7.7]	25.7 [7.5]	25.0 [7.3]	24.4 [7.1]	23.9 [7.0]	23.3 [6.8]	
	Sens BTUH [kW]	17.0 [5.0]	16.3 [4.8]	15.1 [4.4]	21.0 [6.2]	20.1 [5.9]	18.7 [5.5]	24.2 [7.1]	23.1 [6.8]	21.5 [6.3]	
	Power	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.5	2.5	
120 [48.9]	Total BTUH [kW]	27.0 [7.9]	26.5 [7.8]	25.8 [7.6]	25.0 [7.3]	24.5 [7.2]	23.9 [7.0]	23.2 [6.8]	22.8 [6.7]	22.2 [6.5]	
	Sens BTUH [kW]	16.3 [4.8]	15.6 [4.6]	14.5 [4.3]	20.3 [6.0]	19.4 [5.7]	18.1 [5.3]	23.2 [6.8]	22.5 [6.6]	20.9 [6.1]	
	Power	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
125 [51.7]	Total BTUH [kW]	25.8 [7.6]	25.4 [7.4]	24.7 [7.2]	23.8 [7.0]	23.3 [6.8]	22.7 [6.7]	22.0 [6.4]	21.6 [6.3]	21.0 [6.2]	
	Sens BTUH [kW]	15.6 [4.6]	14.9 [4.4]	13.9 [4.1]	19.6 [5.8]	18.8 [5.5]	17.4 [5.1]	22.0 [6.4]	21.6 [6.3]	20.3 [5.9]	
	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			0.23	0.21	0.18	0.23	0.21	0.18	0.23	0.21	0.18
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	44.3 [13.0] 25.4 [7.4] 2.0	43.5 [12.8] 24.2 [7.1] 2.0	42.3 [12.4] 22.5 [6.6] 2.0	41.4 [12.1] 29.6 [8.7] 2.0	40.6 [11.9] 28.3 [8.3] 2.0	39.5 [11.6] 26.3 [7.7] 2.0	38.3 [11.2] 32.8 [9.6] 2.0	37.6 [11.0] 31.3 [9.2] 2.0	36.6 [10.7] 29.1 [8.5] 2.0
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	43.0 [12.6] 24.7 [7.2] 2.1	42.2 [12.4] 23.6 [6.9] 2.1	41.1 [12.0] 21.9 [6.4] 2.1	40.0 [11.7] 28.9 [8.5] 2.1	39.3 [11.5] 27.6 [8.1] 2.1	38.2 [11.2] 25.7 [7.5] 2.1	37.0 [10.8] 32.1 [9.4] 2.1	36.3 [10.6] 30.7 [9.0] 2.1	35.3 [10.3] 28.5 [8.4] 2.1
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	41.7 [12.2] 24.0 [7.0] 2.3	40.9 [12.0] 22.9 [6.7] 2.2	39.8 [11.7] 21.3 [6.2] 2.2	38.7 [11.3] 28.2 [8.3] 2.2	38.0 [11.1] 27.0 [7.9] 2.2	37.0 [10.8] 25.1 [7.3] 2.2	35.6 [10.4] 31.4 [9.2] 2.2	35.0 [10.3] 30.0 [8.8] 2.2	34.0 [10.0] 27.9 [8.2] 2.2
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	40.3 [11.8] 23.2 [6.8] 2.4	39.6 [11.6] 22.2 [6.5] 2.4	38.5 [11.3] 20.7 [6.1] 2.3	37.3 [10.9] 27.5 [8.1] 2.4	36.7 [10.7] 26.3 [7.7] 2.4	35.7 [10.5] 24.4 [7.2] 2.3	34.3 [10.0] 30.7 [9.0] 2.4	33.7 [9.9] 29.3 [8.6] 2.4	32.7 [9.6] 27.3 [8.0] 2.3
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	38.9 [11.4] 22.5 [6.6] 2.5	38.3 [11.2] 21.5 [6.3] 2.5	37.2 [10.9] 20.0 [5.9] 2.5	36.0 [10.5] 26.7 [7.8] 2.5	35.3 [10.4] 25.5 [7.5] 2.5	34.4 [10.1] 23.7 [7.0] 2.5	32.9 [9.6] 29.9 [8.8] 2.5	32.3 [9.5] 28.6 [8.4] 2.5	31.4 [9.2] 26.6 [7.8] 2.5
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	37.6 [11.0] 21.7 [6.4] 2.7	36.9 [10.8] 20.7 [6.1] 2.7	35.9 [10.5] 19.3 [5.7] 2.6	34.6 [10.1] 25.9 [7.6] 2.7	34.0 [10.0] 24.8 [7.3] 2.7	33.0 [9.7] 23.0 [6.8] 2.6	31.5 [9.2] 29.1 [8.5] 2.7	30.9 [9.1] 27.8 [8.2] 2.6	30.1 [8.8] 25.9 [7.6] 2.6
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	36.1 [10.6] 20.9 [6.1] 2.9	35.5 [10.4] 20.0 [5.8] 2.8	34.5 [10.1] 18.6 [5.4] 2.8	33.2 [9.7] 25.1 [7.4] 2.8	32.6 [9.5] 24.0 [7.0] 2.8	31.7 [9.3] 22.3 [6.5] 2.8	30.1 [8.8] 28.3 [8.3] 2.8	29.6 [8.7] 27.1 [7.9] 2.8	28.7 [8.4] 25.2 [7.4] 2.8
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	34.7 [10.2] 20.1 [5.9] 3.0	34.1 [10.0] 19.2 [5.6] 3.0	33.2 [9.7] 17.8 [5.2] 3.0	31.7 [9.3] 24.3 [7.1] 3.0	31.2 [9.1] 23.2 [6.8] 3.0	30.3 [8.9] 21.6 [6.3] 3.0	28.7 [8.4] 27.5 [8.1] 3.0	28.2 [8.3] 26.3 [7.7] 3.0	27.4 [8.0] 24.4 [7.2] 3.0
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	33.3 [9.8] 19.2 [5.6] 3.2	32.7 [9.6] 18.3 [5.4] 3.2	31.8 [9.3] 17.0 [5.0] 3.2	30.3 [8.9] 23.4 [6.9] 3.2	29.8 [8.7] 22.4 [6.6] 3.2	28.9 [8.5] 20.8 [6.1] 3.2	27.2 [8.0] 26.6 [7.8] 3.2	26.7 [7.8] 25.4 [7.5] 3.2	26.0 [7.6] 23.7 [6.9] 3.1
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	31.8 [9.3] 18.3 [5.4] 3.4	31.2 [9.2] 17.5 [5.1] 3.4	30.4 [8.9] 16.3 [4.8] 3.4	28.8 [8.5] 22.5 [6.6] 3.4	28.3 [8.3] 21.5 [6.3] 3.4	27.5 [8.1] 20.0 [5.9] 3.4	25.8 [7.5] 25.7 [7.5] 3.4	25.3 [7.4] 24.6 [7.2] 3.4	24.6 [7.2] 22.9 [6.7] 3.3
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	30.3 [8.9] 17.4 [5.1] 3.6	29.8 [8.7] 16.6 [4.9] 3.6	29.0 [8.5] 15.4 [4.5] 3.6	27.4 [8.0] 21.6 [6.3] 3.6	26.9 [7.9] 20.7 [6.1] 3.6	26.1 [7.7] 19.2 [5.6] 3.6	24.3 [7.1] 24.3 [7.1] 3.6	23.8 [7.0] 23.7 [6.9] 3.6	23.2 [6.8] 22.0 [6.5] 3.6

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—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] Sens BTUH [kW] Power	50.0 [14.7] 29.2 [8.5] 2.4	49.1 [14.4] 27.9 [8.2] 2.4	47.7 [14.0] 25.9 [7.6] 2.3	47.3 [13.9] 34.3 [10.0] 2.4	46.4 [13.6] 32.7 [9.6] 2.3	45.1 [13.2] 30.4 [8.9] 2.3	44.3 [13.0] 38.5 [11.3] 2.3	43.5 [12.8] 36.8 [10.8] 2.3	42.3 [12.4] 34.2 [10.0] 2.3
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	48.7 [14.3] 28.5 [8.4] 2.5	47.9 [14.0] 27.3 [8.0] 2.5	46.5 [13.6] 25.3 [7.4] 2.5	46.0 [13.5] 33.7 [9.9] 2.5	45.2 [13.2] 32.2 [9.4] 2.5	43.9 [12.9] 29.8 [8.7] 2.4	43.0 [12.6] 37.9 [11.1] 2.5	42.3 [12.4] 36.2 [10.6] 2.5	41.1 [12.0] 33.6 [9.9] 2.4
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	47.4 [13.9] 27.9 [8.2] 2.7	46.6 [13.6] 26.6 [7.8] 2.6	45.2 [13.3] 24.7 [7.2] 2.6	44.7 [13.1] 33.0 [9.7] 2.6	43.9 [12.9] 31.5 [9.2] 2.6	42.6 [12.5] 29.3 [8.6] 2.6	41.7 [12.2] 37.2 [10.9] 2.6	41.0 [12.0] 35.6 [10.4] 2.6	39.8 [11.7] 33.0 [9.7] 2.6
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	46.0 [13.5] 27.2 [8.0] 2.8	45.2 [13.2] 26.0 [7.6] 2.8	43.9 [12.9] 24.1 [7.1] 2.8	43.3 [12.7] 32.3 [9.5] 2.8	42.5 [12.5] 30.8 [9.0] 2.8	41.3 [12.1] 28.6 [8.4] 2.7	40.3 [11.8] 36.5 [10.7] 2.8	39.6 [11.6] 34.9 [10.2] 2.8	38.5 [11.3] 32.4 [9.5] 2.7
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	44.6 [13.1] 26.4 [7.7] 3.0	43.8 [12.8] 25.2 [7.4] 3.0	42.6 [12.5] 23.4 [6.9] 2.9	41.8 [12.3] 31.5 [9.2] 3.0	41.1 [12.0] 30.1 [8.8] 3.0	39.9 [11.7] 27.9 [8.2] 2.9	38.9 [11.4] 35.8 [10.5] 3.0	38.2 [11.2] 34.2 [10.0] 2.9	37.1 [10.9] 31.7 [9.3] 2.9
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	43.1 [12.6] 25.6 [7.5] 3.2	42.3 [12.4] 24.4 [7.2] 3.1	41.1 [12.1] 22.7 [6.6] 3.1	40.4 [11.8] 30.7 [9.0] 3.2	39.6 [11.6] 29.3 [8.6] 3.1	38.5 [11.3] 27.2 [8.0] 3.1	37.4 [11.0] 34.9 [10.2] 3.1	36.7 [10.8] 33.4 [9.8] 3.1	35.7 [10.5] 31.0 [9.1] 3.1
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	41.6 [12.2] 24.7 [7.2] 3.4	40.8 [12.0] 23.6 [6.9] 3.3	39.7 [11.6] 21.9 [6.4] 3.3	38.8 [11.4] 29.8 [8.7] 3.3	38.1 [11.2] 28.5 [8.3] 3.3	37.1 [10.9] 26.4 [7.7] 3.3	35.9 [10.5] 34.1 [10.0] 3.3	35.2 [10.3] 32.5 [9.5] 3.3	34.3 [10.0] 30.2 [8.8] 3.3
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	40.0 [11.7] 23.8 [7.0] 3.6	39.3 [11.5] 22.7 [6.7] 3.5	38.2 [11.2] 21.1 [6.2] 3.5	37.2 [10.9] 28.9 [8.5] 3.5	36.6 [10.7] 27.6 [8.1] 3.5	35.6 [10.4] 25.6 [7.5] 3.5	34.3 [10.0] 33.1 [9.7] 3.5	33.7 [9.9] 31.6 [9.3] 3.5	32.7 [9.6] 29.4 [8.6] 3.5
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	38.3 [11.2] 22.8 [6.7] 3.8	37.7 [11.0] 21.8 [6.4] 3.7	36.6 [10.7] 20.2 [5.9] 3.7	35.6 [10.4] 27.9 [8.2] 3.8	35.0 [10.2] 26.6 [7.8] 3.7	34.0 [10.0] 24.7 [7.2] 3.7	32.7 [9.6] 32.1 [9.4] 3.7	32.1 [9.4] 30.7 [9.0] 3.7	31.2 [9.1] 28.5 [8.4] 3.7
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	36.7 [10.7] 21.7 [6.4] 4.0	36.0 [10.6] 20.8 [6.1] 4.0	35.0 [10.3] 19.3 [5.6] 3.9	33.9 [9.9] 26.8 [7.9] 4.0	33.3 [9.8] 25.6 [7.5] 3.9	32.4 [9.5] 23.8 [7.0] 3.9	31.0 [9.1] 31.0 [9.1] 4.0	30.4 [8.9] 29.7 [8.7] 3.9	29.6 [8.7] 27.6 [8.1] 3.9
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	34.9 [10.2] 20.6 [6.1] 4.2	34.3 [10.1] 19.7 [5.8] 4.2	33.3 [9.8] 18.3 [5.4] 4.1	32.2 [9.4] 25.8 [7.5] 4.2	31.6 [9.3] 24.6 [7.2] 4.2	30.7 [9.0] 22.8 [6.7] 4.1	29.2 [8.6] 29.2 [8.6] 4.2	28.7 [8.4] 28.7 [8.4] 4.1	27.9 [8.2] 26.6 [7.8] 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			0.21	0.19	0.17	0.21	0.19	0.17	0.21	0.19	0.17
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	58.8 [17.2]	57.8 [16.9]	56.3 [16.5]	55.4 [16.2]	54.4 [15.9]	53.0 [15.5]	52.6 [15.4]	51.7 [15.1]	50.3 [14.7]
		Sens BTUH [kW]	33.0 [9.7]	31.6 [9.3]	29.4 [8.6]	39.1 [11.5]	37.4 [11.0]	34.8 [10.2]	45.0 [13.2]	43.0 [12.6]	40.1 [11.7]
		Power	2.8	2.8	2.7	2.8	2.7	2.7	2.7	2.7	2.7
	80 [26.7]	Total BTUH [kW]	57.1 [16.7]	56.1 [16.4]	54.6 [16.0]	53.6 [15.7]	52.7 [15.4]	51.3 [15.0]	50.8 [14.9]	49.9 [14.6]	48.6 [14.2]
		Sens BTUH [kW]	32.2 [9.4]	30.8 [9.0]	28.7 [8.4]	38.3 [11.2]	36.6 [10.7]	34.1 [10.0]	44.2 [12.9]	42.3 [12.4]	39.3 [11.5]
		Power	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8
	85 [29.4]	Total BTUH [kW]	55.3 [16.2]	54.4 [15.9]	52.9 [15.5]	51.9 [15.2]	51.0 [14.9]	49.6 [14.5]	49.1 [14.4]	48.2 [14.1]	46.9 [13.7]
		Sens BTUH [kW]	31.4 [9.2]	30.0 [8.8]	27.9 [8.2]	37.4 [11.0]	35.8 [10.5]	33.3 [9.8]	43.3 [12.7]	41.4 [12.1]	38.6 [11.3]
		Power	3.1	3.1	3.0	3.1	3.1	3.0	3.1	3.0	3.0
	90 [32.2]	Total BTUH [kW]	53.6 [15.7]	52.6 [15.4]	51.2 [15.0]	50.1 [14.7]	49.2 [14.4]	47.9 [14.0]	47.3 [13.9]	46.5 [13.6]	45.2 [13.3]
Sens BTUH [kW]		30.4 [8.9]	29.1 [8.5]	27.1 [7.9]	36.5 [10.7]	34.9 [10.2]	32.5 [9.5]	42.4 [12.4]	40.6 [11.9]	37.8 [11.1]	
Power		3.3	3.3	3.2	3.3	3.2	3.2	3.2	3.2	3.2	
95 [35]	Total BTUH [kW]	51.8 [15.2]	50.9 [14.9]	49.5 [14.5]	48.4 [14.2]	47.5 [13.9]	46.3 [13.6]	45.6 [13.4]	44.8 [13.1]	43.6 [12.8]	
	Sens BTUH [kW]	29.5 [8.6]	28.2 [8.3]	26.3 [7.7]	35.6 [10.4]	34.0 [10.0]	31.7 [9.3]	41.5 [12.1]	39.7 [11.6]	36.9 [10.8]	
	Power	3.5	3.5	3.4	3.5	3.4	3.4	3.4	3.4	3.4	
100 [37.8]	Total BTUH [kW]	50.1 [14.7]	49.2 [14.4]	47.9 [14.0]	46.6 [13.7]	45.8 [13.4]	44.6 [13.1]	43.8 [12.8]	43.1 [12.6]	41.9 [12.3]	
	Sens BTUH [kW]	28.5 [8.4]	27.3 [8.0]	25.4 [7.4]	34.6 [10.1]	33.1 [9.7]	30.8 [9.0]	40.5 [11.9]	38.7 [11.3]	36.0 [10.6]	
	Power	3.7	3.7	3.6	3.7	3.7	3.6	3.7	3.6	3.6	
105 [40.6]	Total BTUH [kW]	48.4 [14.2]	47.5 [13.9]	46.2 [13.5]	44.9 [13.2]	44.1 [12.9]	42.9 [12.6]	42.1 [12.3]	41.4 [12.1]	40.3 [11.8]	
	Sens BTUH [kW]	27.5 [8.1]	26.3 [7.7]	24.5 [7.2]	33.6 [9.8]	32.1 [9.4]	29.9 [8.8]	39.4 [11.6]	37.7 [11.1]	35.1 [10.3]	
	Power	4.0	3.9	3.9	3.9	3.9	3.8	3.9	3.9	3.8	
110 [43.3]	Total BTUH [kW]	46.6 [13.7]	45.8 [13.4]	44.6 [13.1]	43.2 [12.7]	42.4 [12.4]	41.3 [12.1]	40.4 [11.8]	39.7 [11.6]	38.6 [11.3]	
	Sens BTUH [kW]	26.4 [7.7]	25.3 [7.4]	23.5 [6.9]	32.5 [9.5]	31.1 [9.1]	28.9 [8.5]	38.4 [11.2]	36.7 [10.8]	34.2 [10.0]	
	Power	4.2	4.2	4.1	4.2	4.2	4.1	4.2	4.1	4.1	
115 [46.1]	Total BTUH [kW]	44.9 [13.2]	44.1 [12.9]	42.9 [12.6]	41.5 [12.2]	40.8 [11.9]	39.7 [11.6]	38.7 [11.3]	38.0 [11.1]	37.0 [10.8]	
	Sens BTUH [kW]	25.3 [7.4]	24.2 [7.1]	22.6 [6.6]	31.4 [9.2]	30.0 [8.8]	28.0 [8.2]	37.3 [10.9]	35.7 [10.5]	33.2 [9.7]	
	Power	4.5	4.5	4.4	4.5	4.4	4.4	4.4	4.4	4.4	
120 [48.9]	Total BTUH [kW]	43.2 [12.7]	42.5 [12.4]	41.3 [12.1]	39.8 [11.7]	39.1 [11.4]	38.0 [11.1]	37.0 [10.8]	36.3 [10.6]	35.3 [10.4]	
	Sens BTUH [kW]	24.2 [7.1]	23.1 [6.8]	21.5 [6.3]	30.3 [8.9]	28.9 [8.5]	26.9 [7.9]	36.1 [10.6]	34.6 [10.1]	32.2 [9.4]	
	Power	4.8	4.8	4.7	4.8	4.7	4.7	4.7	4.7	4.6	
125 [51.7]	Total BTUH [kW]	41.5 [12.2]	40.8 [12.0]	39.7 [11.6]	38.1 [11.2]	37.4 [11.0]	36.4 [10.7]	35.3 [10.3]	34.6 [10.2]	33.7 [9.9]	
	Sens BTUH [kW]	23.0 [6.7]	22.0 [6.4]	20.5 [6.0]	29.1 [8.5]	27.8 [8.2]	25.9 [7.6]	35.0 [10.2]	33.4 [9.8]	31.1 [9.1]	
	Power	5.1	5.1	5.0	5.1	5.0	5.0	5.1	5.0	5.0	

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—RGEA14060A

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]			1870 [883]	1700 [802]	1440 [680]	1870 [883]	1700 [802]	1440 [680]	1870 [883]	1700 [802]	1440 [680]
DR ①			0.14	0.13	0.11	0.14	0.13	0.11	0.14	0.13	0.11
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	72.1 [21.1] 40.6 [11.9] 3.5	70.8 [20.7] 38.8 [11.4] 3.5	68.8 [20.2] 36.0 [10.6] 3.5	67.8 [19.9] 47.8 [14.0] 3.5	66.6 [19.5] 45.7 [13.4] 3.5	64.7 [19.0] 42.4 [12.4] 3.4	63.6 [18.6] 54.4 [16.0] 3.5	62.4 [18.3] 52.0 [15.2] 3.5	60.7 [17.8] 48.3 [14.2] 3.4
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	70.3 [20.6] 39.6 [11.6] 3.7	69.0 [20.2] 37.8 [11.1] 3.7	67.1 [19.7] 35.1 [10.3] 3.7	66.0 [19.3] 46.7 [13.7] 3.7	64.8 [19.0] 44.7 [13.1] 3.7	63.0 [18.5] 41.5 [12.2] 3.6	61.8 [18.1] 53.4 [15.6] 3.7	60.7 [17.8] 51.0 [15.0] 3.6	59.0 [17.3] 47.4 [13.9] 3.6
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	68.4 [20.0] 38.5 [11.3] 4.0	67.1 [19.7] 36.8 [10.8] 3.9	65.3 [19.1] 34.1 [10.0] 3.9	64.1 [18.8] 45.7 [13.4] 3.9	62.9 [18.4] 43.6 [12.8] 3.9	61.2 [17.9] 40.5 [11.9] 3.8	59.9 [17.5] 52.3 [15.3] 3.9	58.8 [17.2] 50.0 [14.6] 3.9	57.2 [16.7] 46.4 [13.6] 3.8
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	66.4 [19.5] 37.3 [10.9] 4.2	65.2 [19.1] 35.7 [10.5] 4.1	63.4 [18.6] 33.1 [9.7] 4.1	62.1 [18.2] 44.5 [13.1] 4.2	61.0 [17.9] 42.6 [12.5] 4.1	59.3 [17.4] 39.5 [11.6] 4.1	57.9 [17.0] 51.2 [15.0] 4.1	56.8 [16.7] 48.9 [14.3] 4.1	55.3 [16.2] 45.4 [13.3] 4.0
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	64.3 [18.8] 36.2 [10.6] 4.4	63.2 [18.5] 34.6 [10.1] 4.4	61.4 [18.0] 32.1 [9.4] 4.3	60.0 [17.6] 43.4 [12.7] 4.4	58.9 [17.3] 41.4 [12.1] 4.4	57.3 [16.8] 38.5 [11.3] 4.3	55.8 [16.4] 50.0 [14.7] 4.4	54.8 [16.1] 47.8 [14.0] 4.3	53.3 [15.6] 44.4 [13.0] 4.3
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	62.1 [18.2] 35.0 [10.3] 4.7	61.0 [17.9] 33.4 [9.8] 4.7	59.3 [17.4] 31.0 [9.1] 4.6	57.9 [17.0] 42.2 [12.4] 4.7	56.8 [16.7] 40.3 [11.8] 4.6	55.2 [16.2] 37.4 [11.0] 4.6	53.6 [15.7] 48.8 [14.3] 4.7	52.7 [15.4] 46.7 [13.7] 4.6	51.2 [15.0] 43.3 [12.7] 4.5
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	59.9 [17.5] 33.8 [9.9] 5.0	58.8 [17.2] 32.3 [9.5] 5.0	57.2 [16.8] 30.0 [8.8] 4.9	55.6 [16.3] 41.0 [12.0] 5.0	54.6 [16.0] 39.1 [11.5] 4.9	53.1 [15.6] 36.3 [10.6] 4.9	51.4 [15.1] 47.6 [14.0] 4.9	50.5 [14.8] 45.5 [13.3] 4.9	49.1 [14.4] 42.2 [12.4] 4.8
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	57.6 [16.9] 32.5 [9.5] 5.3	56.5 [16.6] 31.0 [9.1] 5.3	55.0 [16.1] 28.8 [8.4] 5.2	53.3 [15.6] 39.7 [11.6] 5.3	52.3 [15.3] 37.9 [11.1] 5.2	50.9 [14.9] 35.2 [10.3] 5.2	49.0 [14.4] 46.3 [13.6] 5.2	48.2 [14.1] 44.3 [13.0] 5.2	46.8 [13.7] 41.1 [12.0] 5.1
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	55.1 [16.2] 31.2 [9.1] 5.6	54.1 [15.9] 29.8 [8.7] 5.6	52.6 [15.4] 27.7 [8.1] 5.5	50.8 [14.9] 38.4 [11.2] 5.6	49.9 [14.6] 36.7 [10.7] 5.5	48.5 [14.2] 34.0 [10.0] 5.5	46.6 [13.7] 45.0 [13.2] 5.6	45.8 [13.4] 43.0 [12.6] 5.5	44.5 [13.0] 40.0 [11.7] 5.4
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	52.6 [15.4] 29.8 [8.7] 6.0	51.7 [15.1] 28.5 [8.4] 5.9	50.2 [14.7] 26.5 [7.8] 5.8	48.3 [14.2] 37.0 [10.8] 5.9	47.5 [13.9] 35.4 [10.4] 5.9	46.1 [13.5] 32.8 [9.6] 5.8	44.1 [12.9] 43.7 [12.8] 5.9	43.3 [12.7] 41.7 [12.2] 5.9	42.1 [12.3] 38.8 [11.4] 5.8
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	50.0 [14.7] 28.5 [8.3] 6.3	49.1 [14.4] 27.2 [8.0] 6.3	47.8 [14.0] 25.2 [7.4] 6.2	45.7 [13.4] 35.6 [10.4] 6.3	44.9 [13.2] 34.1 [10.0] 6.2	43.7 [12.8] 31.6 [9.3] 6.2	41.5 [12.2] 41.5 [12.2] 6.3	40.8 [11.9] 40.4 [11.8] 6.2	39.6 [11.6] 37.5 [11.0] 6.1

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— RGEA15024A

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]	30.9 [9.1]	30.4 [8.9]	29.5 [8.7]	29.1 [8.5]	28.6 [8.4]	27.8 [8.1]	27.5 [8.1]	27.0 [7.9]	26.2 [7.7]
		Sens BTUH [kW]	18.7 [5.5]	17.9 [5.2]	16.6 [4.9]	21.9 [6.4]	20.9 [6.1]	19.4 [5.7]	24.6 [7.2]	23.5 [6.9]	21.8 [6.4]
		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]	30.0 [8.8]	29.4 [8.6]	28.6 [8.4]	28.1 [8.2]	27.6 [8.1]	26.8 [7.9]	26.5 [7.8]	26.0 [7.6]	25.3 [7.4]
		Sens BTUH [kW]	18.2 [5.3]	17.4 [5.1]	16.1 [4.7]	21.4 [6.3]	20.4 [6.0]	18.9 [5.5]	24.0 [7.0]	23.0 [6.7]	21.3 [6.2]
		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]	29.0 [8.5]	28.5 [8.3]	27.7 [8.1]	27.1 [8.0]	26.7 [7.8]	25.9 [7.6]	25.5 [7.5]	25.1 [7.3]	24.4 [7.1]
		Sens BTUH [kW]	17.6 [5.2]	16.8 [4.9]	15.6 [4.6]	20.8 [6.1]	19.9 [5.8]	18.4 [5.4]	23.5 [6.9]	22.4 [6.6]	20.8 [6.1]
		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]	26.7 [7.8]	26.1 [7.7]	25.7 [7.5]	25.0 [7.3]	24.5 [7.2]	24.1 [7.1]	23.4 [6.9]
Sens BTUH [kW]		17.0 [5.0]	16.3 [4.8]	15.1 [4.4]	20.2 [5.9]	19.3 [5.7]	17.9 [5.3]	22.9 [6.7]	21.9 [6.4]	20.3 [5.9]	
Power		1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	
95 [35]	Total BTUH [kW]	27.0 [7.9]	26.5 [7.8]	25.7 [7.5]	25.1 [7.4]	24.7 [7.2]	24.0 [7.0]	23.5 [6.9]	23.1 [6.8]	22.4 [6.6]	
	Sens BTUH [kW]	16.5 [4.8]	15.7 [4.6]	14.6 [4.3]	19.7 [5.8]	18.8 [5.5]	17.4 [5.1]	22.3 [6.5]	21.3 [6.2]	19.8 [5.8]	
	Power	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
100 [37.8]	Total BTUH [kW]	25.9 [7.6]	25.5 [7.5]	24.8 [7.3]	24.1 [7.1]	23.7 [6.9]	23.0 [6.7]	22.5 [6.6]	22.1 [6.5]	21.5 [6.3]	
	Sens BTUH [kW]	15.9 [4.6]	15.2 [4.4]	14.1 [4.1]	19.1 [5.6]	18.2 [5.3]	16.9 [5.0]	21.7 [6.4]	20.8 [6.1]	19.2 [5.6]	
	Power	2.0	2.0	1.9	2.0	2.0	1.9	2.0	1.9	1.9	
105 [40.6]	Total BTUH [kW]	24.9 [7.3]	24.5 [7.2]	23.8 [7.0]	23.1 [6.8]	22.6 [6.6]	22.0 [6.4]	21.4 [6.3]	21.1 [6.2]	20.5 [6.0]	
	Sens BTUH [kW]	15.3 [4.5]	14.6 [4.3]	13.5 [4.0]	18.5 [5.4]	17.7 [5.2]	16.4 [4.8]	21.1 [6.2]	20.2 [5.9]	18.7 [5.5]	
	Power	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	
110 [43.3]	Total BTUH [kW]	23.8 [7.0]	23.4 [6.9]	22.7 [6.7]	22.0 [6.4]	21.6 [6.3]	21.0 [6.1]	20.4 [6.0]	20.0 [5.9]	19.4 [5.7]	
	Sens BTUH [kW]	14.7 [4.3]	14.0 [4.1]	13.0 [3.8]	17.9 [5.2]	17.1 [5.0]	15.8 [4.6]	20.4 [6.0]	19.6 [5.7]	18.2 [5.3]	
	Power	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
115 [46.1]	Total BTUH [kW]	22.8 [6.7]	22.3 [6.5]	21.7 [6.4]	20.9 [6.1]	20.5 [6.0]	19.9 [5.8]	19.3 [5.7]	18.9 [5.6]	18.4 [5.4]	
	Sens BTUH [kW]	14.1 [4.1]	13.4 [3.9]	12.5 [3.6]	17.3 [5.1]	16.5 [4.8]	15.3 [4.5]	19.3 [5.7]	18.9 [5.6]	17.6 [5.2]	
	Power	2.4	2.4	2.3	2.4	2.4	2.3	2.4	2.4	2.3	
120 [48.9]	Total BTUH [kW]	21.7 [6.3]	21.3 [6.2]	20.7 [6.1]	19.8 [5.8]	19.5 [5.7]	18.9 [5.5]	18.2 [5.3]	17.9 [5.2]	17.4 [5.1]	
	Sens BTUH [kW]	13.4 [3.9]	12.8 [3.8]	11.9 [3.5]	16.6 [4.9]	15.9 [4.7]	14.7 [4.3]	18.2 [5.3]	17.9 [5.2]	17.1 [5.0]	
	Power	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
125 [51.7]	Total BTUH [kW]	20.5 [6.0]	20.2 [5.9]	19.6 [5.7]	18.7 [5.5]	18.4 [5.4]	17.8 [5.2]	17.1 [5.0]	16.8 [4.9]	16.3 [4.8]	
	Sens BTUH [kW]	12.8 [3.8]	12.2 [3.6]	11.3 [3.3]	16.0 [4.7]	15.3 [4.5]	14.2 [4.2]	17.1 [5.0]	16.8 [4.9]	16.3 [4.8]	
	Power	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	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—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] Sens BTUH [kW] Power	36.8 [10.8] 21.5 [6.3] 1.7	36.1 [10.6] 20.5 [6.0] 1.7	35.2 [10.3] 19.1 [5.6] 1.6	34.3 [10.1] 25.1 [7.4] 1.7	33.7 [9.9] 24.0 [7.0] 1.6	32.8 [9.6] 22.4 [6.6] 1.6	32.4 [9.5] 28.3 [8.3] 1.6	31.8 [9.3] 27.1 [7.9] 1.6	31.0 [9.1] 25.2 [7.4] 1.6
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	35.7 [10.5] 21.0 [6.1] 1.8	35.1 [10.3] 20.1 [5.9] 1.7	34.2 [10.0] 18.7 [5.5] 1.7	33.3 [9.7] 24.7 [7.2] 1.7	32.7 [9.6] 23.6 [6.9] 1.7	31.8 [9.3] 21.9 [6.4] 1.7	31.3 [9.2] 27.8 [8.2] 1.7	30.8 [9.0] 26.6 [7.8] 1.7	30.0 [8.8] 24.8 [7.3] 1.7
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	34.7 [10.2] 20.5 [6.0] 1.9	34.1 [10.0] 19.6 [5.7] 1.8	33.2 [9.7] 18.2 [5.3] 1.8	32.2 [9.4] 24.2 [7.1] 1.8	31.7 [9.3] 23.1 [6.8] 1.8	30.8 [9.0] 21.5 [6.3] 1.8	30.3 [8.9] 27.4 [8.0] 1.8	29.8 [8.7] 26.2 [7.7] 1.8	29.0 [8.5] 24.3 [7.1] 1.8
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	33.7 [9.9] 20.0 [5.9] 2.0	33.1 [9.7] 19.1 [5.6] 1.9	32.2 [9.4] 17.8 [5.2] 1.9	31.2 [9.1] 23.6 [6.9] 1.9	30.6 [9.0] 22.6 [6.6] 1.9	29.8 [8.7] 21.0 [6.2] 1.9	29.2 [8.6] 26.8 [7.9] 1.9	28.7 [8.4] 25.7 [7.5] 1.9	28.0 [8.2] 23.9 [7.0] 1.9
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	32.6 [9.5] 19.4 [5.7] 2.1	32.0 [9.4] 18.6 [5.4] 2.1	31.2 [9.1] 17.3 [5.1] 2.0	30.1 [8.8] 23.1 [6.8] 2.1	29.6 [8.7] 22.1 [6.5] 2.0	28.8 [8.4] 20.5 [6.0] 2.0	28.2 [8.3] 26.3 [7.7] 2.0	27.7 [8.1] 25.1 [7.4] 2.0	26.9 [7.9] 23.4 [6.9] 2.0
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	31.5 [9.2] 18.8 [5.5] 2.2	31.0 [9.1] 18.0 [5.3] 2.2	30.1 [8.8] 16.8 [4.9] 2.1	29.0 [8.5] 22.5 [6.6] 2.2	28.5 [8.4] 21.5 [6.3] 2.2	27.7 [8.1] 20.0 [5.9] 2.1	27.1 [7.9] 25.7 [7.5] 2.2	26.6 [7.8] 24.6 [7.2] 2.1	25.9 [7.6] 22.9 [6.7] 2.1
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	30.4 [8.9] 18.2 [5.3] 2.3	29.9 [8.8] 17.4 [5.1] 2.3	29.1 [8.5] 16.2 [4.8] 2.3	27.9 [8.2] 21.9 [6.4] 2.3	27.4 [8.0] 20.9 [6.1] 2.3	26.7 [7.8] 19.5 [5.7] 2.3	26.0 [7.6] 25.1 [7.4] 2.3	25.6 [7.5] 24.0 [7.0] 2.3	24.9 [7.3] 22.3 [6.5] 2.2
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	29.3 [8.6] 17.6 [5.2] 2.5	28.8 [8.4] 16.8 [4.9] 2.4	28.0 [8.2] 15.7 [4.6] 2.4	26.8 [7.9] 21.3 [6.2] 2.4	26.4 [7.7] 20.3 [6.0] 2.4	25.6 [7.5] 18.9 [5.5] 2.4	24.9 [7.3] 24.4 [7.2] 2.4	24.5 [7.2] 23.4 [6.9] 2.4	23.8 [7.0] 21.8 [6.4] 2.4
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	28.2 [8.3] 16.9 [5.0] 2.6	27.7 [8.1] 16.2 [4.7] 2.6	27.0 [7.9] 15.1 [4.4] 2.5	25.7 [7.5] 20.6 [6.0] 2.6	25.3 [7.4] 19.7 [5.8] 2.6	24.6 [7.2] 18.3 [5.4] 2.5	23.8 [7.0] 23.8 [7.0] 2.6	23.4 [6.8] 22.7 [6.7] 2.6	22.7 [6.7] 21.2 [6.2] 2.5
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	27.1 [7.9] 16.2 [4.8] 2.8	26.6 [7.8] 15.5 [4.5] 2.7	25.9 [7.6] 14.4 [4.2] 2.7	24.6 [7.2] 19.9 [5.8] 2.7	24.2 [7.1] 19.0 [5.6] 2.7	23.5 [6.9] 17.7 [5.2] 2.7	22.7 [6.6] 22.7 [6.6] 2.7	22.3 [6.5] 22.1 [6.5] 2.7	21.7 [6.3] 20.5 [6.0] 2.7
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	25.9 [7.6] 15.5 [4.5] 2.9	25.5 [7.5] 14.8 [4.3] 2.9	24.8 [7.3] 13.8 [4.0] 2.8	23.4 [6.9] 19.2 [5.6] 2.9	23.0 [6.7] 18.3 [5.4] 2.9	22.4 [6.6] 17.1 [5.0] 2.8	21.5 [6.3] 21.5 [6.3] 2.9	21.1 [6.2] 21.1 [6.2] 2.9	20.6 [6.0] 19.9 [5.8] 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—RGEA15036A

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—RGEA15042A

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			0.17	0.16	0.13	0.17	0.16	0.13	0.17	0.16	0.13
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	50.1 [14.7] 28.6 [8.4] 2.4	49.2 [14.4] 27.3 [8.0] 2.3	47.8 [14.0] 25.3 [7.4] 2.3	47.2 [13.8] 33.9 [9.9] 2.4	46.4 [13.6] 32.4 [9.5] 2.3	45.1 [13.2] 30.0 [8.8] 2.3	44.7 [13.1] 38.8 [11.4] 2.3	43.9 [12.9] 37.1 [10.9] 2.3	42.7 [12.5] 34.4 [10.1] 2.3
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	48.8 [14.3] 27.9 [8.2] 2.5	47.9 [14.0] 26.7 [7.8] 2.5	46.6 [13.6] 24.8 [7.3] 2.5	45.9 [13.5] 33.2 [9.7] 2.5	45.1 [13.2] 31.8 [9.3] 2.5	43.8 [12.8] 29.5 [8.6] 2.4	43.4 [12.7] 38.1 [11.2] 2.5	42.6 [12.5] 36.4 [10.7] 2.5	41.5 [12.1] 33.8 [9.9] 2.4
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	47.4 [13.9] 27.2 [8.0] 2.7	46.6 [13.7] 26.0 [7.6] 2.6	45.3 [13.3] 24.2 [7.1] 2.6	44.6 [13.1] 32.6 [9.5] 2.6	43.8 [12.8] 31.1 [9.1] 2.6	42.6 [12.5] 28.9 [8.5] 2.6	42.1 [12.3] 37.5 [11.0] 2.6	41.3 [12.1] 35.8 [10.5] 2.6	40.2 [11.8] 33.2 [9.7] 2.6
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	46.1 [13.5] 26.5 [7.8] 2.8	45.3 [13.3] 25.3 [7.4] 2.8	44.0 [12.9] 23.5 [6.9] 2.8	43.2 [12.7] 31.8 [9.3] 2.8	42.5 [12.4] 30.4 [8.9] 2.8	41.3 [12.1] 28.2 [8.3] 2.7	40.7 [11.9] 36.8 [10.8] 2.8	40.0 [11.7] 35.1 [10.3] 2.8	38.9 [11.4] 32.6 [9.6] 2.7
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	44.7 [13.1] 25.8 [7.6] 3.0	43.9 [12.9] 24.6 [7.2] 3.0	42.7 [12.5] 22.9 [6.7] 2.9	41.8 [12.3] 31.1 [9.1] 3.0	41.1 [12.0] 29.7 [8.7] 3.0	39.9 [11.7] 27.6 [8.1] 2.9	39.3 [11.5] 36.0 [10.5] 3.0	38.6 [11.3] 34.4 [10.1] 2.9	37.5 [11.0] 31.9 [9.4] 2.9
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	43.3 [12.7] 25.0 [7.3] 3.2	42.5 [12.4] 23.9 [7.0] 3.2	41.3 [12.1] 22.1 [6.5] 3.1	40.4 [11.8] 30.3 [8.9] 3.2	39.7 [11.6] 28.9 [8.5] 3.1	38.6 [11.3] 26.9 [7.9] 3.1	37.9 [11.1] 35.2 [10.3] 3.2	37.2 [10.9] 33.6 [9.9] 3.1	36.2 [10.6] 31.2 [9.1] 3.1
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	41.8 [12.2] 24.1 [7.1] 3.4	41.0 [12.0] 23.1 [6.8] 3.4	39.9 [11.7] 21.4 [6.3] 3.3	38.9 [11.4] 29.4 [8.6] 3.4	38.2 [11.2] 28.1 [8.2] 3.3	37.2 [10.9] 26.1 [7.7] 3.3	36.4 [10.7] 34.4 [10.1] 3.4	35.8 [10.5] 32.8 [9.6] 3.3	34.8 [10.2] 30.5 [8.9] 3.3
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	40.3 [11.8] 23.3 [6.8] 3.6	39.6 [11.6] 22.2 [6.5] 3.6	38.5 [11.3] 20.6 [6.0] 3.5	37.4 [11.0] 28.6 [8.4] 3.6	36.8 [10.8] 27.3 [8.0] 3.5	35.7 [10.5] 25.3 [7.4] 3.5	34.9 [10.2] 33.5 [9.8] 3.6	34.3 [10.1] 32.0 [9.4] 3.5	33.3 [9.8] 29.7 [8.7] 3.5
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	38.7 [11.4] 22.3 [6.5] 3.8	38.0 [11.1] 21.4 [6.3] 3.8	37.0 [10.8] 19.8 [5.8] 3.7	35.9 [10.5] 27.7 [8.1] 3.8	35.3 [10.3] 26.4 [7.7] 3.8	34.3 [10.0] 24.5 [7.2] 3.7	33.4 [9.8] 32.6 [9.5] 3.8	32.8 [9.6] 31.1 [9.1] 3.7	31.9 [9.3] 28.9 [8.5] 3.7
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	37.2 [10.9] 21.4 [6.3] 4.0	36.5 [10.7] 20.4 [6.0] 4.0	35.5 [10.4] 19.0 [5.6] 3.9	34.3 [10.1] 26.7 [7.8] 4.0	33.7 [9.9] 25.5 [7.5] 4.0	32.8 [9.6] 23.7 [6.9] 3.9	31.8 [9.3] 31.6 [9.3] 4.0	31.2 [9.2] 30.2 [8.9] 4.0	30.4 [8.9] 28.0 [8.2] 3.9
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	35.6 [10.4] 20.4 [6.0] 4.3	34.9 [10.2] 19.5 [5.7] 4.2	33.9 [9.9] 18.1 [5.3] 4.2	32.7 [9.6] 25.7 [7.5] 4.3	32.1 [9.4] 24.6 [7.2] 4.2	31.2 [9.2] 22.8 [6.7] 4.2	30.2 [8.8] 30.2 [8.8] 4.2	29.7 [8.7] 29.3 [8.6] 4.2	28.8 [8.4] 27.2 [8.0] 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—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	





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]	1850 [873]	1570 [741]	2040 [963]	1850 [873]	1570 [741]	2040 [963]	1850 [873]	1570 [741]
DR ①			0.15	0.14	0.11	0.15	0.14	0.11	0.15	0.14	0.11
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	73.0 [21.4] 42.4 [12.4] 3.6	71.7 [21.0] 40.5 [11.9] 3.6	69.7 [20.4] 37.6 [11.0] 3.5	69.2 [20.3] 50.0 [14.6] 3.6	67.9 [19.9] 47.7 [14.0] 3.5	66.0 [19.3] 44.3 [13.0] 3.5	65.8 [19.3] 56.9 [16.7] 3.5	64.6 [18.9] 54.3 [15.9] 3.5	62.8 [18.4] 50.5 [14.8] 3.4
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	70.9 [20.8] 41.3 [12.1] 3.8	69.6 [20.4] 39.4 [11.6] 3.7	67.7 [19.8] 36.6 [10.7] 3.7	67.1 [19.6] 48.8 [14.3] 3.7	65.8 [19.3] 46.6 [13.7] 3.7	64.0 [18.8] 43.3 [12.7] 3.6	63.7 [18.7] 55.8 [16.4] 3.7	62.5 [18.3] 53.2 [15.6] 3.7	60.8 [17.8] 49.5 [14.5] 3.6
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	68.8 [20.2] 40.1 [11.8] 4.0	67.6 [19.8] 38.3 [11.2] 3.9	65.7 [19.3] 35.6 [10.4] 3.9	64.9 [19.0] 47.7 [14.0] 3.9	63.7 [18.7] 45.5 [13.3] 3.9	62.0 [18.2] 42.3 [12.4] 3.8	61.5 [18.0] 54.6 [16.0] 3.9	60.4 [17.7] 52.1 [15.3] 3.8	58.8 [17.2] 48.5 [14.2] 3.8
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	66.7 [19.5] 38.9 [11.4] 4.2	65.4 [19.2] 37.2 [10.9] 4.1	63.6 [18.6] 34.5 [10.1] 4.1	62.8 [18.4] 46.5 [13.6] 4.1	61.6 [18.1] 44.3 [13.0] 4.1	59.9 [17.6] 41.2 [12.1] 4.0	59.4 [17.4] 53.4 [15.7] 4.1	58.3 [17.1] 51.0 [14.9] 4.0	56.7 [16.6] 47.4 [13.9] 4.0
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	64.5 [18.9] 37.7 [11.0] 4.4	63.3 [18.5] 36.0 [10.5] 4.3	61.5 [18.0] 33.4 [9.8] 4.3	60.6 [17.7] 45.2 [13.3] 4.3	59.5 [17.4] 43.2 [12.6] 4.3	57.8 [16.9] 40.1 [11.8] 4.2	57.2 [16.8] 52.2 [15.3] 4.3	56.1 [16.5] 49.8 [14.6] 4.3	54.6 [16.0] 46.3 [13.6] 4.2
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	62.2 [18.2] 36.4 [10.7] 4.6	61.1 [17.9] 34.7 [10.2] 4.6	59.4 [17.4] 32.3 [9.5] 4.5	58.3 [17.1] 43.9 [12.9] 4.6	57.3 [16.8] 41.9 [12.3] 4.5	55.7 [16.3] 39.0 [11.4] 4.5	55.0 [16.1] 50.9 [14.9] 4.5	54.0 [15.8] 48.6 [14.2] 4.5	52.5 [15.4] 45.1 [13.2] 4.4
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	60.0 [17.6] 35.1 [10.3] 4.9	58.9 [17.3] 33.5 [9.8] 4.8	57.3 [16.8] 31.1 [9.1] 4.8	56.1 [16.4] 42.6 [12.5] 4.8	55.1 [16.1] 40.7 [11.9] 4.8	53.5 [15.7] 37.8 [11.1] 4.7	52.7 [15.4] 49.6 [14.5] 4.8	51.8 [15.2] 47.3 [13.9] 4.8	50.3 [14.7] 44.0 [12.9] 4.7
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	57.7 [16.9] 33.7 [9.9] 5.2	56.6 [16.6] 32.2 [9.4] 5.1	55.1 [16.1] 29.9 [8.8] 5.0	53.8 [15.8] 41.2 [12.1] 5.1	52.8 [15.5] 39.3 [11.5] 5.1	51.4 [15.1] 36.6 [10.7] 5.0	50.4 [14.8] 48.2 [14.1] 5.1	49.5 [14.5] 46.0 [13.5] 5.0	48.1 [14.1] 42.7 [12.5] 5.0
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	55.4 [16.2] 32.3 [9.5] 5.4	54.4 [15.9] 30.8 [9.0] 5.4	52.9 [15.5] 28.6 [8.4] 5.3	51.5 [15.1] 39.8 [11.7] 5.4	50.5 [14.8] 38.0 [11.1] 5.4	49.2 [14.4] 35.3 [10.3] 5.3	48.1 [14.1] 46.8 [13.7] 5.4	47.2 [13.8] 44.6 [13.1] 5.3	45.9 [13.5] 41.5 [12.2] 5.2
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	53.0 [15.5] 30.8 [9.0] 5.8	52.1 [15.3] 29.4 [8.6] 5.7	50.6 [14.8] 27.3 [8.0] 5.6	49.1 [14.4] 38.4 [11.2] 5.7	48.2 [14.1] 36.6 [10.7] 5.7	46.9 [13.7] 34.0 [10.0] 5.6	45.8 [13.4] 45.3 [13.3] 5.7	44.9 [13.2] 43.2 [12.7] 5.6	43.7 [12.8] 40.2 [11.8] 5.5
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	50.7 [14.8] 29.3 [8.6] 6.1	49.7 [14.6] 28.0 [8.2] 6.0	48.4 [14.2] 26.0 [7.6] 6.0	46.8 [13.7] 36.9 [10.8] 6.0	45.9 [13.5] 35.2 [10.3] 6.0	44.6 [13.1] 32.7 [9.6] 5.9	43.4 [12.7] 43.4 [12.7] 6.0	42.6 [12.5] 41.8 [12.3] 6.0	41.4 [12.1] 38.9 [11.4] 5.9

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



Air

Indoor Airflow Performance

RGEA13/14 Series

INDOOR AIRFLOW PERFORMANCE RGEA13/14 - 208 VOLTS

External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)																
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	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]
	Cool	Heat														
2.0 [7.03]	High	High	40,000 [11.72]	700 CFM / 950 CFM	9x7 Blower 1/4 HP [186] 2 Speed (PSC Motor)	Low	CFM 706 [333]	685 [323]	661 [312]	614 [290]	523 [247]	437 [206]	334 [158]			
			RPM 844				886	943	989	1036	1067	1095				
	High		60,000 [17.58]				CFM 925 [437]	874 [412]	813 [384]	763 [360]	681 [321]	534 [252]	441 [208]			
		High					RPM 1004	1027	1058	1070	1091	1116	1128			
							Watts 253	238	220	210	192	167	155			
2.5 [8.79]	Low			850 CFM / 1150 CFM	10x9 Blower 1/2 HP [372] 3 Speed (PSC Motor)	Low	CFM 967 [456]	947 [447]	892 [421]	813 [384]	740 [349]	681 [321]	613 [289]	504 [238]		
			RPM 819				876	916	966	995	1018	1040	1066			
			Watts 339				322	302	279	261	246	230	205			
	Low	60,000 [17.58]	CFM 1119 [528]				1081 [510]	1029 [486]	968 [457]	851 [402]	774 [365]	699 [330]	613 [289]			
									RPM 891	930	965	995	1026	1047	1059	1078
3.0 [10.55]	High			1000 CFM / 1400 CFM	12x9T Blower 1/2 HP [372] 2 Speed (PSC Motor)	High	Watts 391	375	354	330	297	278	263	241		
			CFM 1311 [619]				1249 [589]	1168 [551]	1089 [514]	985 [465]	861 [406]	779 [368]	699 [330]			
		High	80,000 [23.45]				RPM 1010	1031	1046	1066	1080	1095	1106	1113		
			Watts 458				437	409	387	360	332	314	300			
									CFM 1163 [549]	1115 [526]	1075 [507]	1012 [478]	926 [437]	841 [397]	753 [355]	647 [305]
3.5 [12.31]	High	Low	60,000 [17.58]	1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Low	RPM 771	804	844	870	910	932	968	992		
			Watts 392				387	380	367	356	345	330	316			
			CFM 1543 [728]				1484 [700]	1422 [671]	1345 [635]	1251 [590]	1177 [555]	1071 [505]	939 [443]			
	High	80,000 [23.45] 100,000 [29.31]	RPM 939				957	975	1345	1251	1177	1037	1051			
									Watts 586	572	555	1345	1251	1177	481	459
3.5 [12.31]	Tap 5			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	CFM 1346 [635]	1304 [615]	1264 [597]	1232 [581]	1185 [559]	1139 [538]	1092 [515]	1048 [495]		
			RPM 819				850	883	906	944	972	1014	1047			
			Watts 291				302	310	319	333	338	353	362			
	Tap 2	80,000 [23.45]	CFM 1346 [635]				1304 [615]	1264 [597]	1232 [581]	1185 [559]	1139 [538]	1092 [515]	1048 [495]			
									RPM 819	850	883	906	944	972	1014	1047
3.5 [12.31]	Tap 5			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 2 80K	Watts 291	302	310	319	333	338	353	362		
			CFM 1411 [666]				1375 [649]	1343 [634]	1315 [621]	1269 [599]	1242 [586]	1203 [568]	1133 [535]			
			RPM 862				886	915	951	975	1011	1025	1074			
	Tap 3	100,000 [29.31]	Watts 340				345	356	371	380	393	397	413			
									CFM 1346 [635]	1304 [615]	1264 [597]	1232 [581]	1185 [559]	1139 [538]	1092 [515]	1048 [495]
3.5 [12.31]	Tap 5			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	RPM 819	850	883	906	944	972	1014	1047		
			Watts 291				302	310	319	333	338	353	362			
			CFM 1596 [753]				1547 [730]	1520 [717]	1499 [707]	1471 [694]	1421 [671]	1383 [653]	1332 [629]			
	Tap 5 High Static Cool															
									RPM 940	973	988	1020	1038	1068	1102	1122
3.5 [12.31]	Tap 5			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 5 High Static Cool	Watts 461	475	484	497	503	516	527	531		

INDOOR AIRFLOW PERFORMANCE RGEA13/14 - 208 VOLTS (continued)



Air

Indoor Airflow Performance
RGEA13/14 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 [L02]	0.2 [L05]	0.3 [L07]	0.4 [L10]	0.5 [L12]	0.6 [L15]	0.7 [L17]	0.8 [L20]	0.9 [L22]	1.0 [L25]	
4.0 [14.07]	Tap 5	Tap 2	80,000 [23.45]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	CFM	1367 [645]	1327 [626]	1299 [613]	1248 [589]	1203 [568]	1162 [548]	1127 [532]	1064 [502]	965 [455]	902 [426]
							RPM	744	778	813	843	873	910	938	985	1030	1058
							Watts	247	260	271	277	289	301	311	323	340	347
							CFM	1367 [645]	1327 [626]	1299 [613]	1248 [589]	1203 [568]	1162 [548]	1127 [532]	1064 [502]	965 [455]	902 [426]
							RPM	744	778	813	843	873	910	938	985	1030	1058
							Watts	247	260	271	277	289	301	311	323	340	347
	Tap 3	Tap 3	100,000 [29.31]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 3 100K	CFM	1452 [685]	1402 [662]	1367 [645]	1327 [626]	1283 [606]	1247 [589]	1205 [569]	1183 [558]	1103 [521]	1007 [475]
							RPM	778	808	839	870	895	930	962	993	1035	1078
							Watts	287	295	306	320	324	337	349	360	374	388
							CFM	1652 [780]	1621 [765]	1593 [747]	1539 [726]	1512 [714]	1478 [698]	1422 [671]	1408 [665]	1354 [639]	1332 [629]
							RPM	870	895	919	949	969	1000	1032	1049	1071	1107
							Watts	408	423	433	445	455	464	477	483	496	507
5.0 [17.59]	Tap 5	Tap 1	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 5 High Static Cool	CFM	1993 [941]	1941 [916]	1890 [892]	1874 [884]	1822 [860]	1755 [828]	1698 [801]	1627 [768]	1552 [732]	1442 [681]
							RPM	988	1021	1035	1064	1087	1103	1113	1121	1131	1142
							Watts	666	681	687	701	706	693	677	654	632	592
							CFM	1442 [681]	1409 [665]	1344 [634]	1341 [633]	1291 [609]	1227 [579]	1199 [566]	1136 [536]	1065 [503]	1006 [475]
							RPM	823	843	872	883	916	944	968	997	1035	1059
							Watts	318	330	337	341	354	364	373	381	396	404
	Tap 5	Tap 1	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 2 Unused	CFM	1235 [583]	1184 [559]	1106 [522]	1078 [509]	1021 [482]	957 [452]	897 [423]	843 [398]	791 [373]	742 [350]
							RPM	733	765	811	828	866	895	929	954	977	1005
							Watts	218	227	242	245	258	266	276	285	287	300
							CFM	1738 [820]	1680 [793]	1663 [785]	1626 [767]	1603 [757]	1554 [733]	1503 [709]	1445 [682]	1432 [676]	1386 [654]
							RPM	933	969	979	1001	1021	1045	1066	1100	1104	1125
							Watts	505	526	529	541	545	562	567	585	586	593
Tap 5	Tap 1	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 4 Med Cool	CFM	1884 [889]	1882 [888]	1841 [869]	1801 [850]	1760 [831]	1680 [793]	1651 [779]	1584 [748]	1508 [712]	1428 [674]	
						RPM	999	1014	1048	1064	1072	1105	1121	1131	1142	1147	
						Watts	636	646	661	672	675	688	686	678	662	635	
						CFM	2081 [982]	1969 [929]	2001 [944]	1960 [925]	1896 [895]	1818 [858]	1764 [833]	1664 [785]	1593 [752]	1499 [707]	
						RPM	1050	1102	1095	1104	1115	1126	1130	1140	1143	1147	
						Watts	790	815	819	813	793	772	749	725	699	663	

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—Includes W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]	.12 [.030]	.15 [.037]
						.17 [.042]

[] Designates Metric Conversions



INTEGRATED AIR & WATER



Air

Indoor Airflow Performance

RGEA13/14 Series

INDOOR AIRFLOW PERFORMANCE RGEA13/14 - 230 VOLTS

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]
2.0 [7.03]	High	High	40,000 [11.72]	700 CFM / 950 CFM	9x7 Blower 1/4 HP [186] 2 Speed (PSC Motor)	Low	CFM 822 [388]	789 [372]	750 [354]	686 [328]	624 [294]	496 [234]	402 [190]			
							RPM 917	954	994	1031	1051	1075	1105			
	High	High	60,000 [17.58]			High	CFM 992 [468]	928 [438]	873 [412]	810 [382]	741 [350]	659 [311]	490 [231]			
							RPM 1055	1068	1080	1096	1106	1119	1136			
2.5 [8.79]	Low			850 CFM / 1150 CFM	10x9 Blower 1/2 HP [372] 3 Speed (PSC Motor)	Low	Watts 271	256	245	227	214	199	175			
							CFM 1093 [516]	1062 [501]	1001 [472]	930 [439]	815 [385]	728 [344]	663 [313]	571 [269]		
	Low	Low	60,000 [17.58]			Med	RPM 900	935	969	999	1030	1053	1064	1082		
							Watts 375	358	335	313	283	264	249	229		
3.0 [10.55]	High			1000 CFM / 1400 CFM	12x9T Blower 1/2 HP [372] 2 Speed (PSC Motor)	High	CFM 1239 [585]	1184 [559]	1114 [526]	1043 [492]	959 [453]	827 [390]	744 [351]	657 [310]		
							RPM 961	983	1006	1030	1052	1074	1084	1097		
	High	High	80,000 [23.45]			High	Watts 429	409	384	360	334	303	287	266		
							CFM 1362 [643]	1292 [610]	1213 [572]	1133 [535]	1027 [485]	872 [412]	800 [378]	700 [330]		
3.5 [12.31]	High			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	RPM 1049	1061	1073	1085	1097	1109	1116	1124		
							Watts 500	472	454	427	405	371	360	339		
	High	Low	60,000 [17.58]			Low	CFM 1310 [618]	1246 [588]	1186 [560]	1128 [532]	1038 [490]	955 [451]	847 [400]	738 [348]		
							RPM 834	867	895	918	949	971	989	1019		
3.5 [12.31]	Tap 5			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 2 Unused	Watts 460	447	435	424	407	396	380	362		
							CFM 1644 [776]	1568 [740]	1488 [702]	1421 [671]	1330 [628]	1248 [589]	1133 [535]	1003 [473]		
	Tap 5	High	80,000 [23.45] 100,000 [29.31]			High	RPM 981	996	1009	1021	1030	1048	1058	1072		
							Watts 664	641	620	1421	1330	1248	1058	526		
3.5 [12.31]	Tap 5			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 2 Unused	CFM 1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]		
							RPM 827	856	874	913	949	983	1013	1048		
	Tap 5	Tap 2	80,000 [23.45]			Tap 3 100K	Watts 298	308	313	325	341	352	361	374		
							CFM 1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]		
3.5 [12.31]	Tap 5			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 3 100K	RPM 827	856	874	913	949	983	1013	1048		
							Watts 298	308	313	325	341	352	361	374		
	Tap 5	Tap 3	100,000 [29.31]			Tap 4 Low Static Cool	CFM 1453 [686]	1424 [672]	1395 [658]	1347 [636]	1321 [623]	1279 [604]	1250 [590]	1214 [573]		
							RPM 836	867	904	942	953	992	1019	1048		
3.5 [12.31]	Tap 5			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	Watts 334	349	364	377	380	394	409	418		
							CFM 1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]		
	Tap 5	Tap 3	100,000 [29.31]			Tap 5 High Static Cool	RPM 827	856	874	913	949	983	1013	1048		
							Watts 298	308	313	325	341	352	361	374		
3.5 [12.31]	Tap 5			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 5 High Static Cool	CFM 1591 [751]	1563 [738]	1558 [735]	1519 [717]	1490 [703]	1458 [688]	1410 [665]	1363 [643]		
							RPM 949	981	999	1027	1051	1086	1109	1129		
	Tap 5					Tap 5 High Static Cool	Watts 476	490	501	515	527	542	546	543		

Note: Set 3-1/2 through 5 ton Cool to Tap 4 for AHRI rated performance

[] Designates Metric Conversions



INDOOR AIRFLOW PERFORMANCE RGEA13/14 - 230 VOLTS (continued)



Air

Indoor Airflow Performance
RGEA13/14 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 [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]	
4.0 [14.07]	Tap 5	Tap 2	80,000 [23.45]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	CFM	1368 [646]	1331 [628]	1299 [613]	1259 [594]	1221 [576]	1169 [552]	1137 [537]	1079 [509]	997 [471]	920 [434]
							RPM	749	782	813	849	877	911	946	979	1030	1061
							Watts	250	264	275	286	295	308	321	327	346	356
							CFM	1368 [646]	1331 [628]	1299 [613]	1259 [594]	1221 [576]	1169 [552]	1137 [537]	1079 [509]	997 [471]	920 [434]
							RPM	749	782	813	849	877	911	946	979	1030	1061
		Watts	250			264	275	286	295	308	321	327	346	356			
		Tap 3	100,000 [29.31]			Tap 3 100K	CFM	1447 [683]	1405 [663]	1372 [648]	1342 [633]	1307 [617]	1237 [584]	1222 [577]	1186 [560]	1121 [529]	1035 [488]
							RPM	783	809	845	872	905	938	959	998	1038	1082
							Watts	291	298	315	326	337	349	355	369	383	401
							CFM	1657 [782]	1628 [768]	1588 [749]	1559 [736]	1519 [717]	1496 [706]	1454 [686]	1426 [673]	1394 [658]	1342 [633]
RPM	872			897	926		953	977	1005	1031	1065	1080	1113				
Watts	417	429	444	457	462	478	488	505	509	524							
5.0 [17.59]	Tap 5	Tap 1	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 100K Heat	CFM	1970 [930]	1945 [918]	1920 [906]	1884 [889]	1843 [870]	1778 [839]	1704 [804]	1642 [775]	1547 [730]	1451 [685]
							RPM	1011	1038	1048	1073	1092	1104	1119	1123	1132	1145
							Watts	696	710	731	728	727	712	693	666	627	602
							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			
		Tap 2	Unused			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	
						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					
Tap 3	Low Cool	Watts	520	533	541	560	563	578	599	599	605	615					
		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					
		CFM	2096 [989]	2057 [971]	2003 [945]	1951 [921]	1890 [892]	1819 [858]	1756 [829]	1686 [796]	1610 [760]	1498 [707]					
Tap 5	High Cool	RPM	1069	1092	1106	1116	1121	1129	1138	1140	1148	1154					
		Watts	829	846	840	822	807	782	768	730	708	679					
		CFM	1069	1092	1106	1116	1121	1129	1138	1140	1148	1154					
		Watts	829	846	840	822	807	782	768	730	708	679					
		CFM	1069	1092	1106	1116	1121	1129	1138	1140	1148	1154					

Note: Set 3-1/2 through 5 ton 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—Includes W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]	.12 [.030]	.15 [.037]	.17 [.042]

[] Designates Metric Conversions



INTEGRATED AIR & WATER



Air

Indoor Airflow Performance

RGEA13/14 Series

INDOOR AIRFLOW PERFORMANCE RGEA13/14 - 460 VOLTS

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]	High	Low	60,000 [17.58]	1000 CFM / 1400 CFM	12x9T Blower 1/2 HP [372] 2 Speed (PSC Motor)	Low	CFM 1358 [641]	1322 [624]	1266 [597]	1209 [571]	1120 [529]	1063 [502]	970 [458]	861 [406]	828 [391]	757 [357]
		Watts 823	849					901	932	953	979	999	1029	1055		
	High		80,000 [23.45] 100,000 [29.31]			CFM 1652 [780]	1596 [753]	1540 [727]	1481 [699]	1402 [662]	1320 [623]	1212 [572]	1132 [534]	1079 [509]	1004 [474]	
3.5 [12.31]	Tap 5	Tap 2	80,000 [23.45]	1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	CFM 1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	1022 [482]	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				Tap 2 80K	CFM 1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	1022 [482]	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	Tap 3 100K	CFM 1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1134 [535]	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 4	Tap 4 Low Static Cool	CFM 1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	1022 [482]	956 [451]			
				RPM 794	833	872	897	948	976	1005	1038	1078	1112			
				Watts 287	295	317	317	331	351	361	365	370	399			
4.0 [14.07]	Tap 5	Tap 2	80,000 [23.45]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 5 High Static Cool	CFM 1643 [775]	1609 [759]	1580 [746]	1560 [736]	1511 [713]	1494 [705]	1443 [681]	1404 [663]	1335 [630]	1244 [587]
							RPM 927	954	986	1001	1035	1052	1083	1111	1122	1133
							Watts 461	475	490	506	518	528	535	548	530	502
		Tap 2				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 3	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	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 3	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	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				

Note: Set 3-1/2 through 5 ton Cool to Tap 4 for AHRI rated performance

[] Designates Metric Conversions



INDOOR AIRFLOW PERFORMANCE RGEA13/14 - 460 VOLTS (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]	
5.0 [17.59]	Tap 5	Tap 1	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 100K Heat	CFM	1484 [700]	1440 [680]	1405 [663]	1360 [642]	1319 [622]	1280 [604]	1238 [584]	1186 [560]	1128 [532]	1047 [494]
							RPM	812	841	863	889	918	938	965	994	1026	1066
							Watts	330	338	355	354	379	381	395	408	423	419
						Tap 2 Unused	CFM	1289 [608]	1239 [585]	1189 [561]	1140 [538]	1101 [520]	1052 [496]	969 [457]	918 [433]	860 [406]	812 [383]
							RPM	726	755	786	815	846	876	912	935	964	986
							Watts	233	248	249	259	275	292	309	308	321	330
						Tap 3 Low Cool	CFM	1787 [843]	1746 [824]	1705 [805]	1680 [793]	1621 [765]	1607 [758]	1564 [738]	1530 [722]	1505 [710]	1424 [672]
							RPM	950	970	1000	1012	1042	1055	1079	1108	1113	1130
							Watts	525	538	545	579	571	596	615	610	631	626
						Tap 4 Med Cool	CFM	1954 [922]	1927 [909]	1889 [892]	1843 [870]	1808 [853]	1738 [820]	1671 [789]	1620 [765]	1543 [728]	1433 [676]
RPM	1030	1042	1061	1082	1100		1121	1130	1133	1138	1146						
Watts	664	673	683	696	704		700	697	684	667	635						
Tap 5 High Cool	CFM	2095 [989]	2045 [965]	1983 [936]	1905 [899]	1840 [868]	1792 [846]	1712 [808]	1641 [774]	1558 [735]	1397 [659]						
	RPM	1103	1114	1114	1123	1125	1130	1139	1140	1144	1148						
	Watts	829	841	832	803	785	770	749	710	685	633						

Note: Set 3-1/2 through 5 ton 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—Includes 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

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 [.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]
2.0 [7.03]	Tap 2	60,000 [17.58]	700 CFM / 950 CFM	10X9 Blower 1/3 HP [249] 5 Speed (Constant Torque)	Tap 1 Unused	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			
						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 5	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]			
						RPM	927	970	1009	1041	1079	1107	1124	1134			
						Watts	288	300	309	314	324	318	300	276			
						CFM	931 [439]	880 [415]	854 [403]	795 [375]	743 [351]	694 [328]	655 [309]	608 [287]			
2.5 [8.79]	Tap 2	60,000 [17.58]	850 CFM / 1150 CFM	10X9 Blower 1/3 HP [249] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	RPM	789	1425	874	921	965	1002	1041	1070			
						Watts	155	159	170	176	185	188	196	200			
						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			
						Watts	178	192	198	208	212	224	224	234			
	Tap 5	80,000 [23.45]			Tap 1 Unused	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			
						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]			
						RPM	772	810	860	905	945	985	1013	1052			
2.5 [8.79]	Tap 3	80,000 [23.45]	850 CFM / 1150 CFM	10X9 Blower 1/3 HP [249] 5 Speed (Constant Torque)	Tap 2 60K	Watts	142	149	159	164	175	177	180	189			
						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			
						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	80,000 [23.45]			Tap 3 80K	RPM	820	854	901	934	976	1022	1064	1097			
						Watts	171	177	187	190	202	207	217	222			
						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			
						Watts	264	276	288	291	300	305	317	292			

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 RGEA15 - 208/230 VOLTS (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 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	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					
		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				
	Tap 5	Tap 2	80,000 [23.45]	1000 CFM / 1400 CFM	12x9T Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 2 80K	Watts	320	332	336	346	362	374	380	386	403	385			
							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 5					Tap 3	100,000 [29.31]	1000 CFM / 1400 CFM	12x9T Blower 1/2 HP [372] 5 Speed (Constant Torque)	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—Includes W.C. [kPa]		.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]	.12 [.030]	.15 [.037]	.17 [.042]

[] Designates Metric Conversions



Air

Indoor Airflow Performance

RGEA15 Series

INDOOR AIRFLOW PERFORMANCE RGEA15 - 208/230 VOLTS (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]	
3.5 [12.31]	Tap 5	Tap 2	80,000 [23.45]	1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	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				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 5				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 5				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					
4.0 [14.07]	Tap 5	Tap 2	80,000 [23.45]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	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
		Tap 3				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 5				Tap 3 100K	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 5				Tap 4 Low Static Cool	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 5 High 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	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 RGEA15 - 208/230 VOLTS (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	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
						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
	2nd Stage Tap 5	Tap 3 Unused				Watts	223	231	238	248	259	269	288	284	295	306	
						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	
						Tap 4 2nd Stage Low 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 Static Cool	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					
		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]	1600 [755]	1800 [849]	2000 [944]
Pressure Drop—Includes W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]	.12 [.030]	.15 [.037]	.17 [.042]

[] Designates Metric Conversions



Air

Indoor Airflow Performance
RGEA15 Series



INTEGRATED AIR & WATER



INDOOR AIRFLOW PERFORMANCE RGEA15 - 460 VOLTS

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]	1022 [482]	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]	1134 [535]	1066 [503]	
						RPM	844	867	892	927	961	991	1022	1052	1101	1130	
						Watts	337	340	358	368	390	389	409	411	438	446	
						CFM	1163 [549]	1144 [540]	1086 [513]	1073 [506]	987 [466]	927 [437]	870 [411]	819 [387]			
3.5 [12.31]	Tap 5	Tap 2	80,000 [23.45]	1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 2 80K	RPM	749	761	810	836	887	920	964	1005		
							Watts	202	205	217	230	248	248	266	271		
							CFM	1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1134 [535]	1066 [503]
	Tap 3	100,000 [29.31]	Tap 3 100K			RPM	844	867	892	927	961	991	1022	1052	1101	1130	
						Watts	337	340	358	368	390	389	409	411	438	446	
						CFM	1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	1022 [482]	956 [451]	
	Tap 4	100,000 [29.31]	Tap 4 Low Static Cool			CFM	1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1134 [535]	1066 [503]	
						RPM	844	867	892	927	961	991	1022	1052	1101	1130	
						Watts	337	340	358	368	390	389	409	411	438	446	
						CFM	1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	1022 [482]	956 [451]	
Tap 5	100,000 [29.31]	Tap 5 High Static Cool	CFM	1643 [775]	1609 [759]	1580 [746]	1560 [736]	1511 [713]	1494 [705]	1443 [681]	1404 [663]	1335 [630]	1244 [587]				
			RPM	927	954	986	1001	1035	1052	1083	1111	1122	1133				
			Watts	461	475	490	506	518	528	535	548	530	502				
			CFM	1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	1022 [482]	956 [451]				

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.

[J] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA15 - 460 VOLTS (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]		
4.0 [14.07]	Tap 5		80,000 [23.45]	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
	Tap 3					Tap 3 100K	Watts	261	268	279	291	303	310	323	339	351	361	
							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	
							CFM	1634 [771]	1595 [753]	1547 [730]	1530 [722]	1487 [702]	1462 [690]	1438 [679]	1378 [650]	1352 [638]	1298 [613]	
5.0 [17.59]	1st Stage Tap 2		100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	RPM	894	923	950	981	1000	1030	1051	1079	1106	1126	
							Watts	432	446	451	468	479	490	508	510	520	520	
							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	
	2nd Stage Tap 5					Tap 5 High Static Cool	CFM	1484 [700]	1440 [680]	1405 [663]	1360 [642]	1319 [622]	1280 [604]	1238 [584]	1186 [560]	1128 [532]	1047 [494]	
							RPM	812	841	863	889	918	938	965	994	1026	1066	
							Watts	330	338	355	354	379	381	395	408	423	419	
							CFM	1289 [608]	1239 [585]	1189 [561]	1140 [538]	1101 [520]	1052 [496]	969 [457]	918 [433]	860 [406]	812 [383]	
							RPM	726	755	786	815	846	876	912	935	964	986	
2nd Stage Tap 5					Tap 2 1st Stage Cool	Watts	233	248	249	259	275	292	309	308	321	330		
						CFM	1787 [843]	1746 [824]	1705 [805]	1680 [793]	1621 [765]	1607 [758]	1564 [738]	1530 [722]	1505 [710]	1424 [672]		
						RPM	950	970	1000	1012	1042	1055	1079	1108	1113	1130		
						Watts	525	538	545	579	571	596	615	610	631	626		
						CFM	1954 [922]	1927 [909]	1889 [892]	1843 [870]	1808 [853]	1738 [820]	1671 [789]	1620 [765]	1543 [728]	1433 [676]		
2nd Stage Tap 5					Tap 3 2nd stage Low Static Cool	RPM	1030	1042	1061	1082	1100	1121	1130	1133	1138	1146		
						Watts	664	673	683	696	704	700	697	684	667	635		
						CFM	2095 [989]	2045 [965]	1983 [936]	1905 [899]	1840 [868]	1792 [846]	1712 [808]	1641 [774]	1558 [735]	1397 [659]		
						RPM	1103	1114	1114	1123	1125	1130	1139	1140	1144	1148		
						Watts	829	841	832	803	785	770	749	710	685	633		

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]
Pressure Drop—Includes W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]	.12 [.030]
					.17 [.042]

[] Designates Metric Conversions



Air

Electrical Data
RGEA13 Series**ELECTRICAL DATA – RGEA13 SERIES**

		036ACD061AA	036ACD081AA	036ACD101AA	036ADD061AA	036ADD081AA	036ADD101AA	042ACT081AA
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	414-506	414-506	414-506	187-253
	Volts	208/230	208/230	208/230	460	460	460	208/230
	Phase	3	3	3	3	3	3	3
	Hz	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	16	16	16	9	9	9	24
	Minimum Overcurrent Protection Device Size	20	20	20	15	15	15	25
	Maximum Overcurrent Protection Device Size	20	20	20	15	15	15	35
Compressor Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230
	Phase	3	3	3	3	3	3	3
	RPM	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/2
	Amps (RLA), Comp. 1	9	9	9	5.6	5.6	5.6	13.2
	Amps (LRA), Comp. 1	71	71	71	38	38	38	88
Condenser Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	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	0.8	0.8	0.8	1.5
	Amps (LRA, each)	3	3	3	1.6	1.6	1.6	3
Evaporator Fan	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230
	Phase	1	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	3/4
	Amps (FLA, each)	2.5	2.5	2.5	1.2	1.2	1.2	6
	Amps (LRA, each)	4.6	4.6	4.6	2.4	2.4	2.4	

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RGEA13 SERIES

		042ACT101AA	048ACT081AA	048ACT101AA	048ADT101AA	060ACT101AA	060ADT101AA
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	197-253	414-506
	Volts	208/230	208/230	208/230	460	208/230	460
	Phase	3	3	3	3	3	3
	Hz	60	60	60	60	60	60
	Minimum Circuit Ampacity	24	25	25	12	32	16
	Minimum Overcurrent Protection Device Size	25	25	25	35	35	20
	Maximum Overcurrent Protection Device Size	35	35	35	15	45	20
Compressor Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	208/230	460
	Phase	3	3	3	3	3	3
	RPM	3450	3450	3450	3450	3500	3500
	HP, Compressor 1	3 1/2	4	4	4	5	5
	Amps (RLA), Comp. 1	13.2	13.1	13.1	6.1	17.8	8.6
	Amps (LRA), Comp. 1	88	83.1	83.1	41	110	52
Condenser Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	208/230	460
	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	2	2	1	2	1
	Amps (LRA, each)	3	3.9	3.9	2.2	3.9	2.2
Evaporator Fan	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	208/230	460/460
	Phase	1	1	1	1	1	1
	HP	3/4	3/4	3/4	3/4	1	1
	Amps (FLA, each)	6	6	6	3.2	7.6	4
	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

		024AJD041AA	024AJD04XAA	024AJD061AA	024AJD06XAA	030AJD061AA	030AJD06XAA	030AJD081AA	030AJD08XAA
Unit Information	Unit Operating Voltage Range	187-253	187-253	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	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	Hz	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	17	17	17	17	20	20	20	20
	Minimum Overcurrent Protection Device Size	20	20	20	20	20	20	20	20
Compressor Motor	Maximum Overcurrent Protection Device Size	25	25	25	25	30	30	30	30
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	RPM	3450	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	2 1/6	2 1/6	2 1/6	2 1/6	2 2/3	2 2/3	2 2/3	2 2/3
Condenser Motor	Amps (RLA), Comp. 1	11.2	11.2	11.2	11.2	12.8	12.8	12.8	12.8
	Amps (LRA), Comp. 1	60.8	60.8	60.8	60.8	64	64	64	64
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
Evaporator Fan	Amps (FLA, each)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Amps (LRA, each)	3	3	3	3	3	3	3	3
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/4	1/4	1/4	1/4	1/2	1/2	1/2	1/2
	Amps (FLA, each)	1.3	1.3	1.3	1.3	2.4	2.4	2.4	2.4
	Amps (LRA, each)	2.3	2.3	2.3	2.3	5.1	5.1	5.1	5.1

1. Horsepower Per Compressor.

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

ELECTRICAL DATA – RGEA14 SERIES									
		036ACD061AA	036ACD081AA	036ACD101AA	036ADD061AA	036ADD081AA	036ADD101AA	036AJD061AA	036AJD06XAA
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	414-506	414-506	414-506	187-253	187-253
	Volts	208/230	208/230	208/230	460	460	460	208/230	208/230
	Phase	3	3	3	3	3	3	1	1
	Hz	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	16	16	16	9	9	9	22	22
	Minimum Overcurrent Protection Device Size	20	20	20	15	15	15	25	25
Compressor Motor	Maximum Overcurrent Protection Device Size	20	20	20	15	15	15	35	35
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230	208/230
	Phase	3	3	3	3	3	3	1	1
	RPM	3450	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3
Condenser Motor	Amps (RLA), Comp. 1	9	9	9	5.6	5.6	5.6	14.1	14.1
	Amps (LRA), Comp. 1	71	71	71	38	38	38	77	77
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
Evaporator Fan	Amps (FLA, each)	1.5	1.5	1.5	0.8	0.8	0.8	1.5	1.5
	Amps (LRA, each)	3	3	3	1.6	1.6	1.6	3	3
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Amps (FLA, each)	2.5	2.5	2.5	1.2	1.2	1.2	2.5	2.5
	Amps (LRA, each)	4.6	4.6	4.6	2.4	2.4	2.4	4.6	4.6

1. Horsepower Per Compressor.

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



Air

Electrical Data
RGEA14 Series**ELECTRICAL DATA – RGEA14 SERIES**

		036AJD081AA	036AJD08XAA	036AJD101AA	036AJD10XAA	042ACT081AA	042ACT101AA	042AJT081AA
Unit Information	Unit Operating Voltage Range	187-253	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	208/230
	Phase	1	1	1	1	3	3	1
	Hz	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	22	22	22	22	24	24	30
	Minimum Overcurrent Protection Device Size	25	25	25	25	25	25	30
	Maximum Overcurrent Protection Device Size	35	35	35	35	35	35	45
Compressor Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	3	3	1
	RPM	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	3 1/3	3 1/3	3 1/3	3 1/3	3 1/2	3 1/2	3 1/2
	Amps (RLA), Comp. 1	14.1	14.1	14.1	14.1	13.2	13.2	17.9
	Amps (LRA), Comp. 1	77	77	77	77	88	88	112
Condenser Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	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	1.5	1.5	1.5
	Amps (LRA, each)	3	3	3	3	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	3/4	3/4	3/4
	Amps (FLA, each)	2.5	2.5	2.5	2.5	6	6	6
	Amps (LRA, each)	4.6	4.6	4.6	4.6			

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RGEA14 SERIES								
		042AJT08XAA	042AJT101AA	042AJT10XAA	048ACT081AA	048ACT101AA	048ADT101AA	048AJT081AA
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	208/230	460	208/230
	Phase	1	1	1	3	3	3	1
	Hz	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	30	30	30	25	25	12	33
	Minimum Overcurrent Protection Device Size	30	30	30	25	25	35	35
Compressor Motor	Maximum Overcurrent Protection Device Size	45	45	45	35	35	15	50
	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460	208/230
	Phase	1	1	1	3	3	3	1
	RPM	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	3 1/2	3 1/2	3 1/2	4	4	4	4
Condenser Motor	Amps (RLA), Comp. 1	17.9	17.9	17.9	13.1	13.1	6.1	19.9
	Amps (LRA), Comp. 1	112	112	112	83.1	83.1	41	109
	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460	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
Evaporator Fan	Amps (FLA, each)	1.5	1.5	1.5	2	2	1	2
	Amps (LRA, each)	3	3	3	3.9	3.9	2.2	3.9
	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460	208/230
	Phase	1	1	1	1	1	1	1
	HP	3/4	3/4	3/4	3/4	3/4	3/4	3/4
	Amps (FLA, each)	6	6	6	6	6	3.2	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

		048AJT08XAA	048AJT101AA	048AJT10XAA	060ACT101AA	060ADT101AA	060AJT101AA	060AJT10XAA
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	197-253	414-506	197-253	197-253
	Volts	208/230	208/230	208/230	208/230	460	208/230	208/230
	Phase	1	1	1	3	3	1	1
	Hz	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	33	33	33	32	16	41	41
	Minimum Overcurrent Protection Device Size	35	35	35	35	20	45	45
	Maximum Overcurrent Protection Device Size	50	50	50	45	20	60	60
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	1
	RPM	3450	3450	3450	3500	3500	3500	3500
	HP, Compressor 1	4	4	4	5	5	5	5
	Amps (RLA), Comp. 1	19.9	19.9	19.9	17.8	8.6	24.4	24.4
	Amps (LRA), Comp. 1	109	109	109	110	52	144.2	144.2
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)	2	2	2	2	1	2	2
	Amps (LRA, each)	3.9	3.9	3.9	3.9	2.2	3.9	3.9
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	3/4	3/4	3/4	1	1	1	1
	Amps (FLA, each)	6	6	6	7.6	4	7.6	7.6
	Amps (LRA, each)							

1. Horsepower Per Compressor.

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

ELECTRICAL DATA – RGEA15 SERIES								
		024AJT061AA	024AJT06XAA	024AJT081AA	024AJT08XAA	030AJT061AA	030AJT06XAA	030AJT081AA
Unit Information	Unit Operating Voltage Range	187-253	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	208/230
	Phase	1	1	1	1	1	1	1
	Hz	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	19	19	19	19	21	21	21
	Minimum Overcurrent Protection Device Size	20	20	20	20	25	25	25
	Maximum Overcurrent Protection Device Size	25	25	25	25	30	30	30
Compressor Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1
	RPM	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	2 1/6	2 1/6	2 1/6	2 1/6	2 2/3	2 2/3	2 2/3
	Amps (RLA), Comp. 1	11.2	11.2	11.2	11.2	12.8	12.8	12.8
	Amps (LRA), Comp. 1	60.8	60.8	60.8	60.8	64	64	64
Condenser Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	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	1.5	1.5	1.5
	Amps (LRA, each)	3	3	3	3	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/2	1/2	1/2
	Amps (FLA, each)	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	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

		030AJT08XAA	036ACT061AA	036ACT081AA	036ACT101AA	036ADT061AA	036ADT081AA	036ADT101AA	036AJT061AA
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	414-506	414-506	414-506	187-253
	Volts	208/230	208/230	208/230	208/230	460	460	460	208/230
	Phase	1	3	3	3	3	3	3	1
	Hz	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	21	17	17	17	10	10	10	24
	Minimum Overcurrent Protection Device Size	25	20	20	20	15	15	15	25
Compressor Motor	Maximum Overcurrent Protection Device Size	30	25	25	25	15	15	15	35
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	460	208/230
	Phase	1	3	3	3	3	3	3	1
	RPM	3450	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	2 2/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3
Condenser Motor	Amps (RLA), Comp. 1	12.8	9	9	9	5.6	5.6	5.6	14.1
	Amps (LRA), Comp. 1	64	71	71	71	38	38	38	77
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	460	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
Evaporator Fan	Amps (FLA, each)	1.5	1.5	1.5	1.5	0.8	0.8	0.8	1.5
	Amps (LRA, each)	3	3	3	3	1.6	1.6	1.6	3
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460/460	460/460	460/460	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Amps (FLA, each)	2.8	4.1	4.1	4.1	2.1	2.1	2.1	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									
		036AJT06XAA	036AJT081AA	036AJT08XAA	036AJT101AA	036AJT10XAA	042ACT081AA	042ACT101AA	042AJT081AA
Unit Information	Unit Operating Voltage Range	187-253	187-253	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	208/230	208/230
	Phase	1	1	1	1	1	3	3	1
	Hz	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	24	24	24	24	24	24	24	30
	Minimum Overcurrent Protection Device Size	25	25	25	25	25	25	25	30
Compressor Motor	Maximum Overcurrent Protection Device Size	35	35	35	35	35	35	35	45
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	3	3	1
	RPM	3450	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/2	3 1/2	3 1/2
Condenser Motor	Amps (RLA), Comp. 1	14.1	14.1	14.1	14.1	14.1	13.2	13.2	17.9
	Amps (LRA), Comp. 1	77	77	77	77	77	88	88	112
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
Evaporator Fan	Amps (FLA, each)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Amps (LRA, each)	3	3	3	3	3	3	3	3
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4
	Amps (FLA, each)	4.1	4.1	4.1	4.1	4.1	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 – RGEA15 SERIES

		042AJT08XAA	042AJT101AA	042AJT10XAA	048ACT081AA	048ACT101AA	048ADT101AA	048AJT081AA	048AJT08XAA
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	414-506	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	208/230	460	208/230	208/230
	Phase	1	1	1	3	3	3	1	1
	Hz	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	30	30	30	25	25	12	33	33
	Minimum Overcurrent Protection Device Size	30	30	30	25	25	35	35	35
Compressor Motor	Maximum Overcurrent Protection Device Size	45	45	45	35	35	15	50	50
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460	208/230	208/230
	Phase	1	1	1	3	3	1	1	1
	RPM	3450	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	3 1/2	3 1/2	3 1/2	4	4	4	4	4
Condenser Motor	Amps (RLA), Comp. 1	17.9	17.9	17.9	13.1	13.1	6.1	19.9	19.9
	Amps (LRA), Comp. 1	112	112	112	83.1	83.1	43	109	109
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
Evaporator Fan	Amps (FLA, each)	1.5	1.5	1.5	2	2	1	2	2
	Amps (LRA, each)	3	3	3	3.9	3.9	3.9	3.9	3.9
	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
	Amps (FLA, each)	6	6	6	6	6	3.2	6	6
	Amps (LRA, each)								

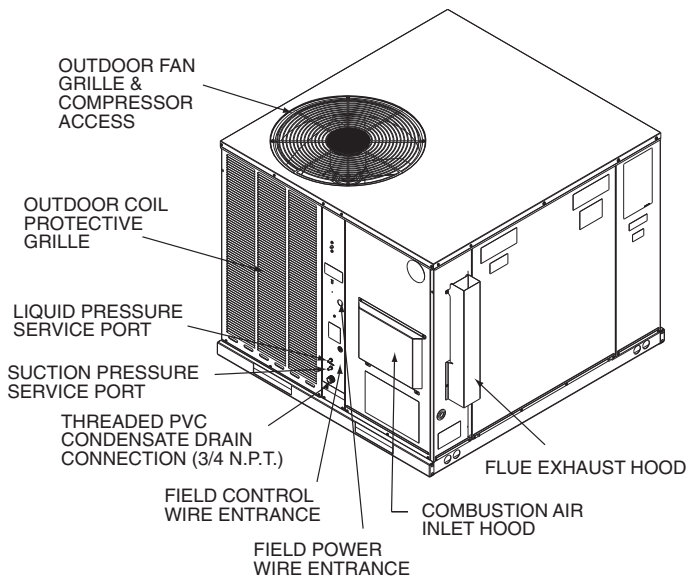
1. Horsepower Per Compressor.

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

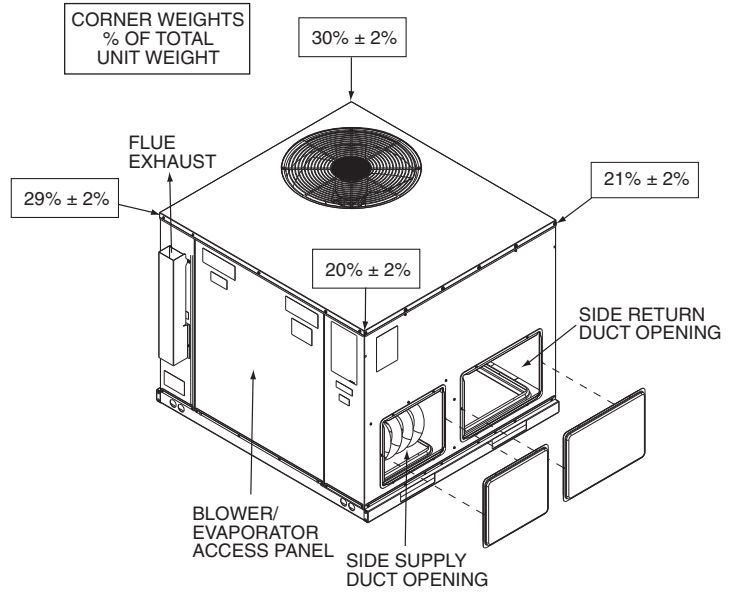
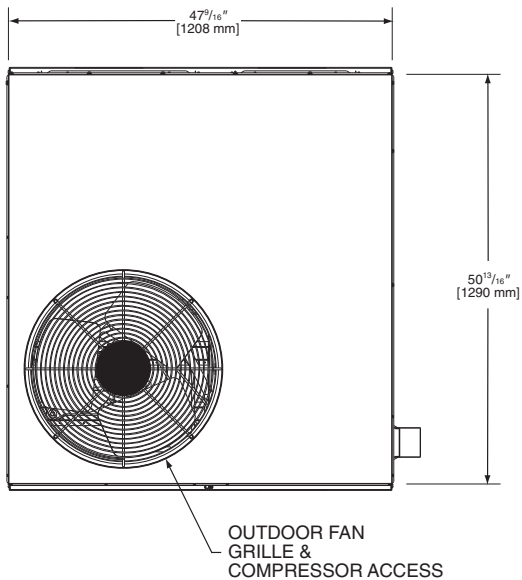
ELECTRICAL DATA – RGEA15 SERIES							
		048AJT101AA	048AJT10XAA	060ACT101AA	060ADT101AA	060AJT101AA	060AJT10XAA
Unit Information	Unit Operating Voltage Range	187-253	187-253	197-253	414-506	197-253	197-253
	Volts	208/230	208/230	208/230	460	208/230	208/230
	Phase	1	1	3	3	1	1
	Hz	60	60	60	60	60	60
	Minimum Circuit Ampacity	33	33	30	15	46	46
	Minimum Overcurrent Protection Device Size	35	35	50	20	50	50
	Maximum Overcurrent Protection Device Size	50	50	45	20	70	70
Compressor Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	208/230	208/230
	Phase	1	1	3	3	1	1
	RPM	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	4	4	5	5	5	5
	Amps (RLA), Comp. 1	19.9	19.9	16.2	7.6	28.8	28.8
	Amps (LRA), Comp. 1	109	109	110	52	152.9	152.9
Condenser Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	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)	2	2	2	1	2	2
	Amps (LRA, each)	3.9	3.9	3.9	2.2	3.9	3.9
Evaporator Fan	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460/460	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	3/4	3/4	1	1	1	1
	Amps (FLA, each)	6	6	7.6	4	7.6	7.6
	Amps (LRA, each)						

1. Horsepower Per Compressor.

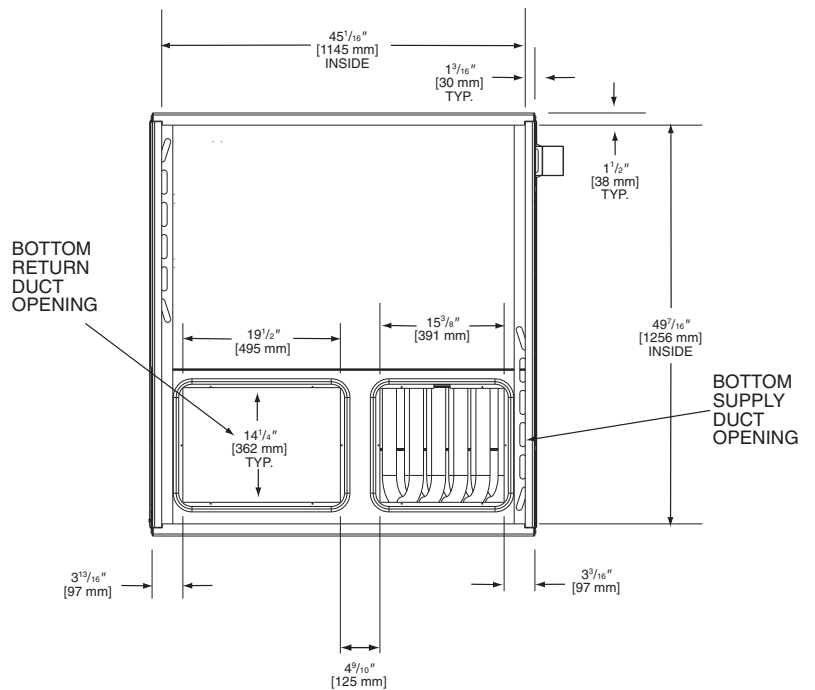
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.



TOP VIEW

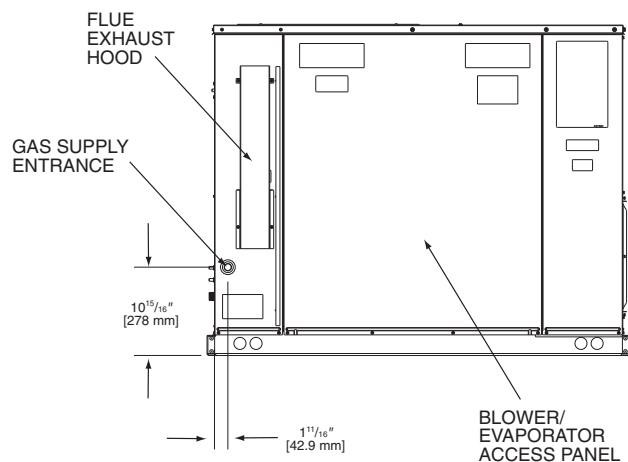


BOTTOM VIEW

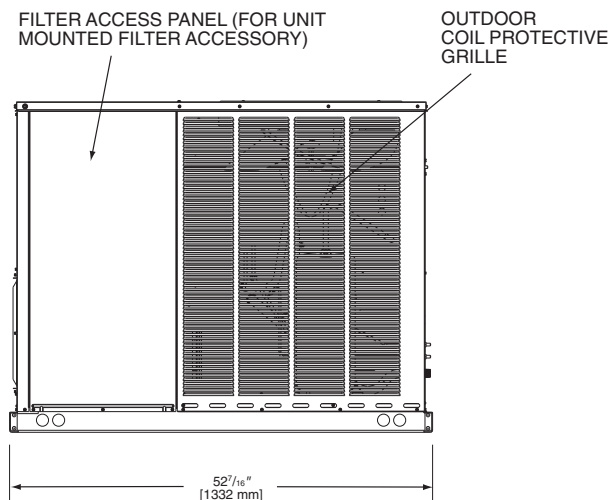


[] Designates Metric Conversions

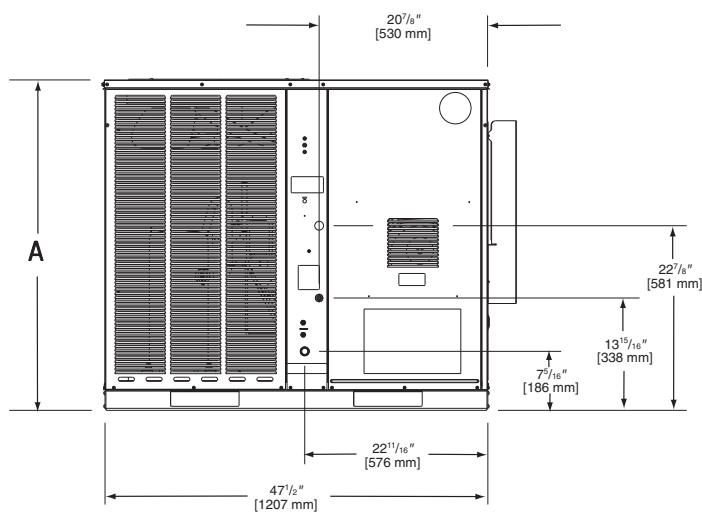
SIDE VIEW



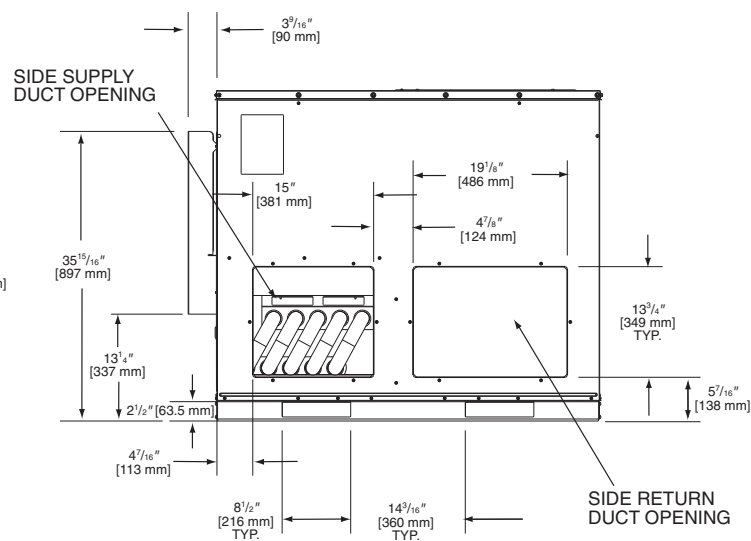
SIDE VIEW



FRONT VIEW



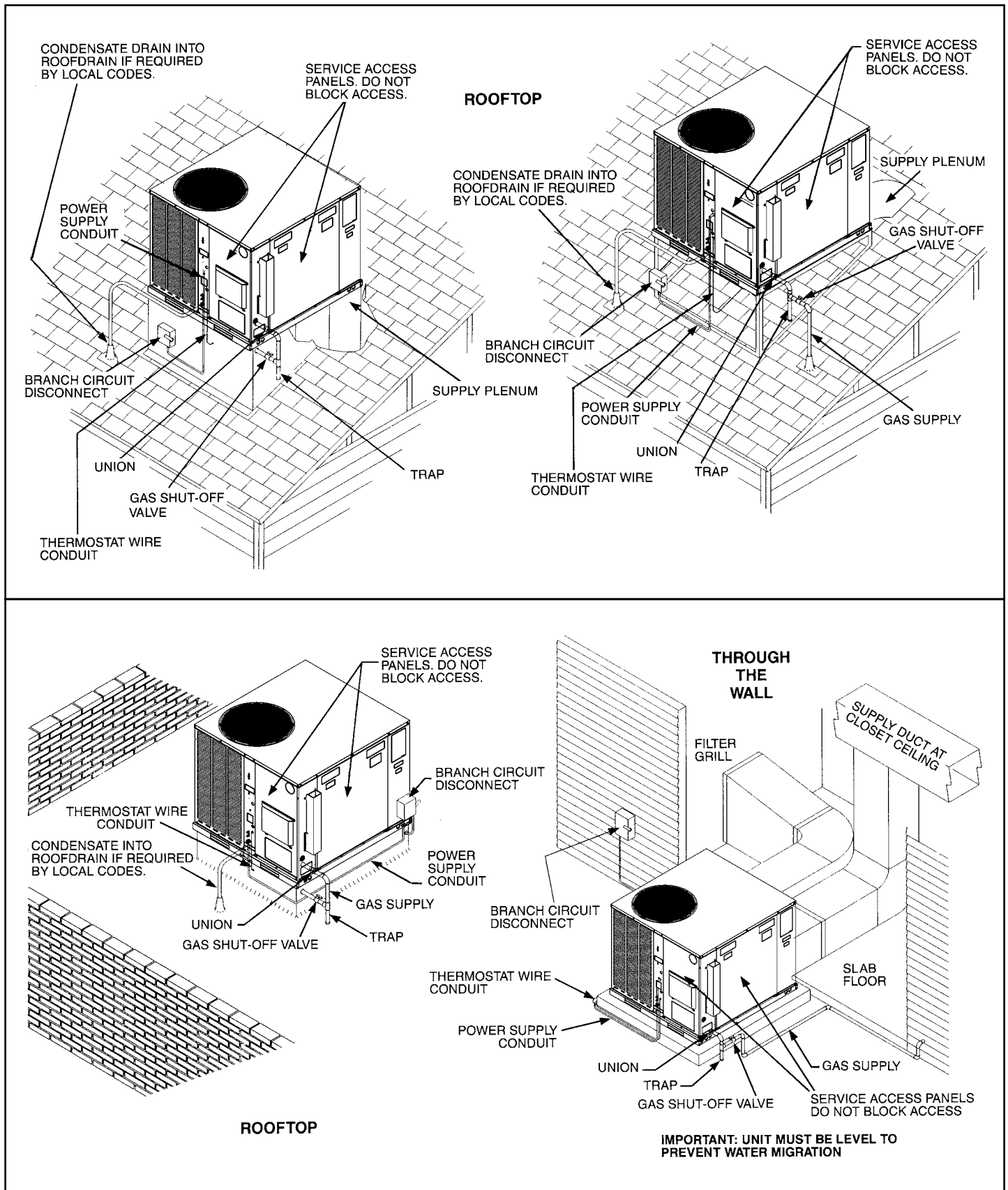
BACK VIEW



SHOWN WITH DUCT COVERS REMOVED.

Models RGEA 13/14/15	Height "A"
024, 030, 036, 042	$35^{15}/16"$
048, 060	41"

[] Designates Metric Conversions



[] Designates Metric Conversions

ACCESSORY EQUIPMENT

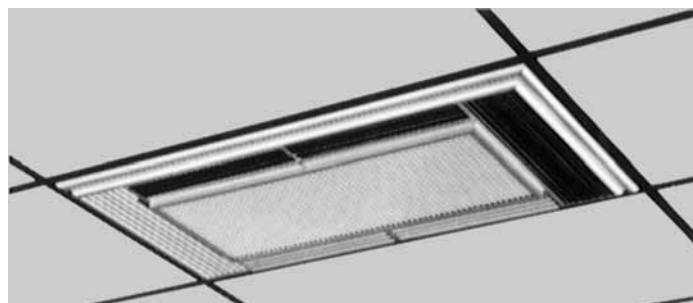
Accessory Description	Model Application	Accessory Model No.
Thermostats	RGEA13/14/15	See Thermostat Specification Sheet (T11-001)
Roofcurbs	RGEA13/14/15	RXSG-AAA08 (8" [203 mm] Height) RXSG-AAA14 (14" [356 mm] Height) RXSG-AAA24 (24" [610 mm] Height)
Supply & Return Diffusers	RGEA13/14/15	RXRN-BD15
Economizers (Sideflow Only)	RGEA13/14/15	AXRE-CCA30 (3 Position) AXRD-CCM10 (Fully Modulating)
Economizers (Downflow Only)	RGEA13/14/15	AXRE-CAA30 (3 Position) AXRD-CAM10 (Fully Modulating)
Fresh Air Damper	RGEA13/14/15	AXRF-FAB1 (Motorized-35%) AXRF-FAA1 (Fixed-35%)
Rectangular to Round Transition (Downflow)	RGEA13/14/15	RXMC-CA02 (16" [406 mm] Ducts) RXMC-CA03 (18" [457 mm] Ducts)
Filter Kit	RGEA13/14/15	RXRY-B01
Sideflow Rectangular to Round Transition	RGEA13/14/15	RXMC-BA01
LP Conversion Kits	RGEA13/14/15	RXGJ-EP84W (White-Rodgers Gas Valve) RXGJ-EP85H (Honeywell Gas Valve) RXGJ-FP28
Low Ambient Control	RGEA13/14/15	RXRZ-B01
High Pressure Control	RGEA13/14/15 ²	RXAB-E01
Low Pressure Control	RGEA13/14/15 ²	RXAC-C01
Canadian High Altitude Kit (for Natural Gas only ¹)	RGEA13/14/15	RXR-AXH01

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.

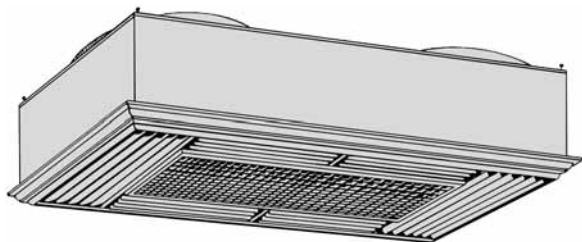
² High pressure switches are standard for RGEA15 Models.

[] Designates Metric Conversions

COMMON SUPPLY/RETURN CONCENTRIC AIR DIFFUSER



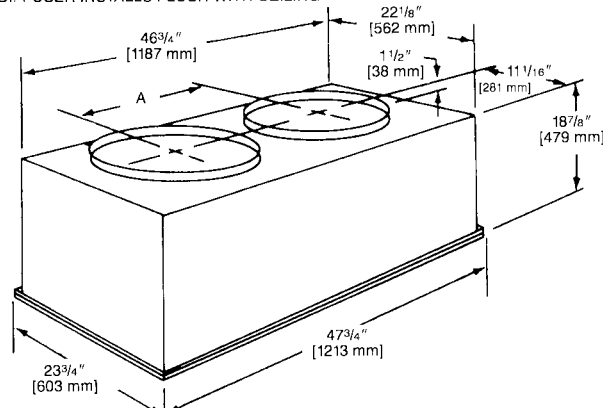
SUPPLY/RETURN DIFFUSER



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.	Diameter Inches [mm]	Shipping Wt. Lbs. [kg]	Dimension A Inches [mm]
RXRN-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]



THERMOSTATS



200-Series *
Programmable



300-Series *
Deluxe
Programmable

400-Series *
Special Applications/
Programmable

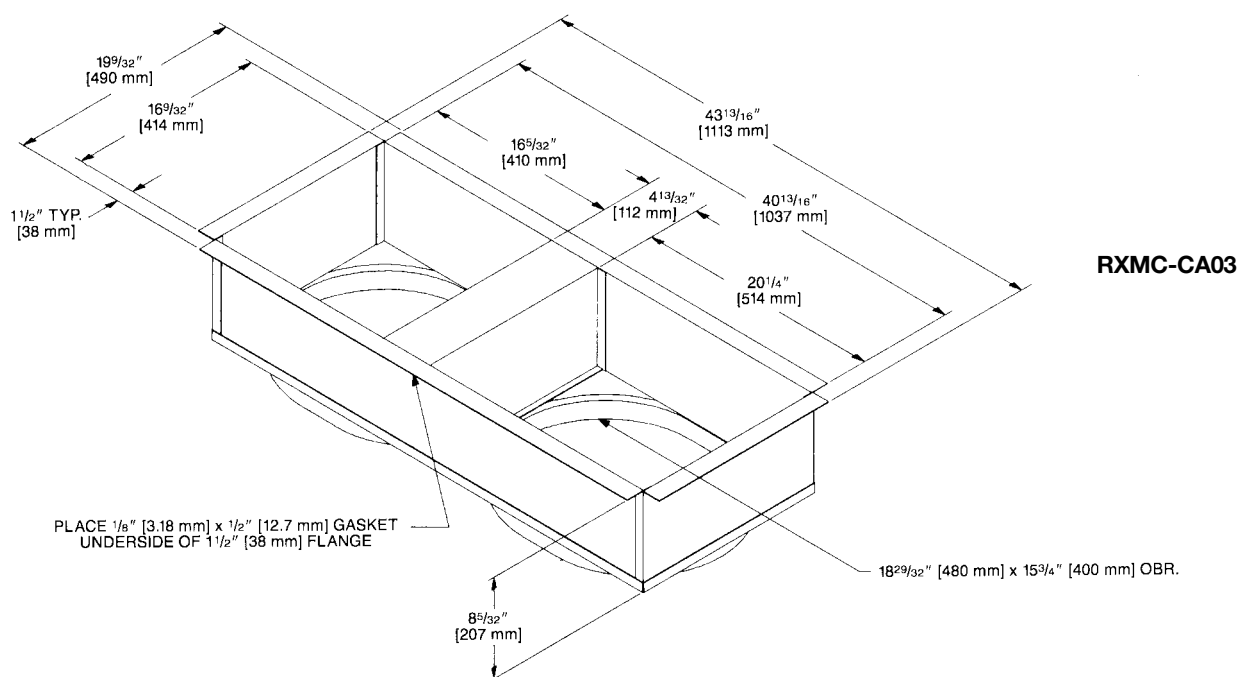
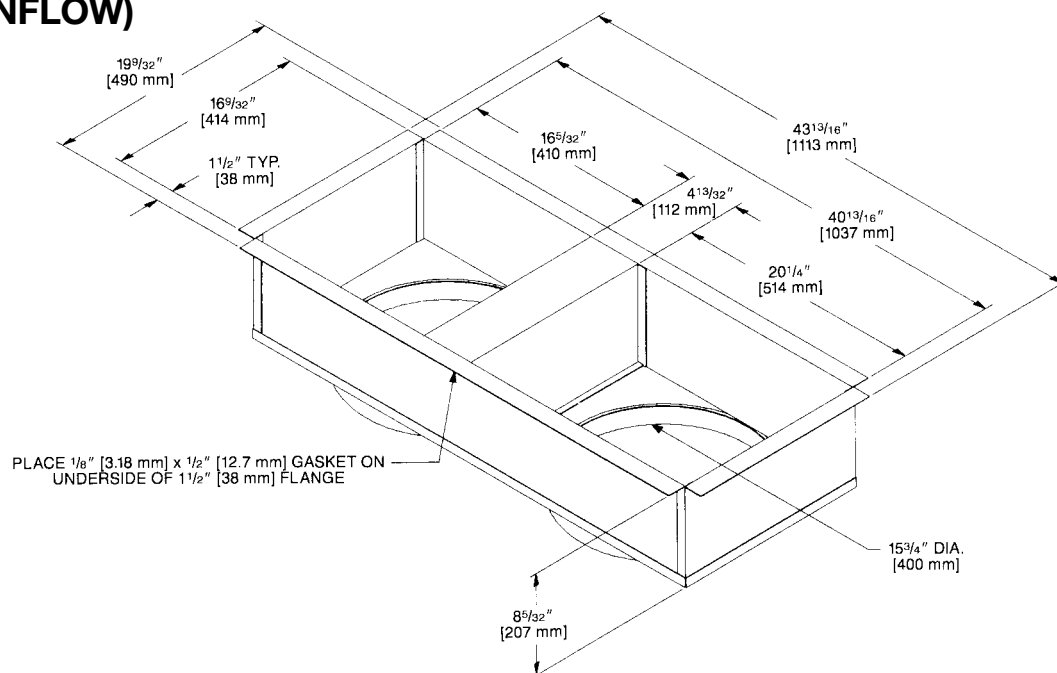
Brand		Descriptor (3 Characters)	Series (3 Characters)	System (2 Characters)	Type (2 Characters)
RHC	-	TST	213	UN	MS
RHC=Rheem		TST=Thermostat	200=Programmable 300=Deluxe Programmable 400=Special Applications/ Programmable	GE=Gas/Electric UN=Universal (AC/HP/GE) MD=Modulating Furnace DF=Dual Fuel CM=Communicating	SS=Single-Stage MS=Multi-Stage

* Photos are representative. Actual models may vary.

For detailed thermostat match-up information,
see specification sheet form number T11-001.

DUCT ADAPTERS RECTANGULAR TO ROUND TRANSITIONS (DOWNFLOW)

RXMC-CA02



[] Designates Metric Conversions



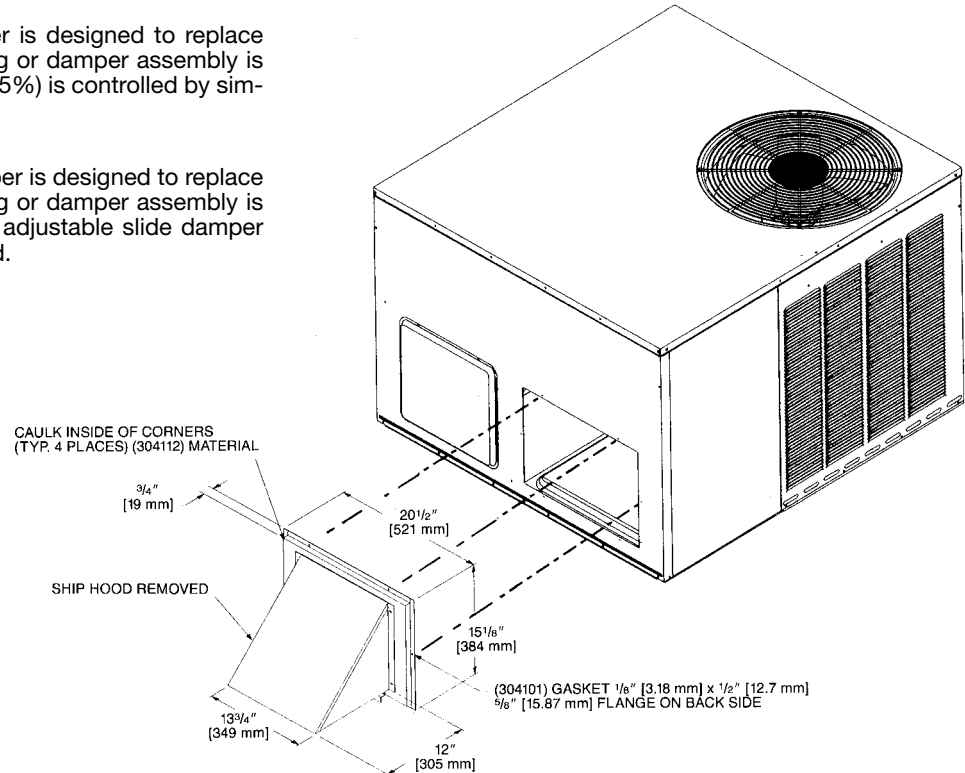
FRESH AIR DAMPER

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.



ECONOMIZERS

RXRE-CAA30 (3 Position) and RXRD-CAM10 (Fully Modulating)

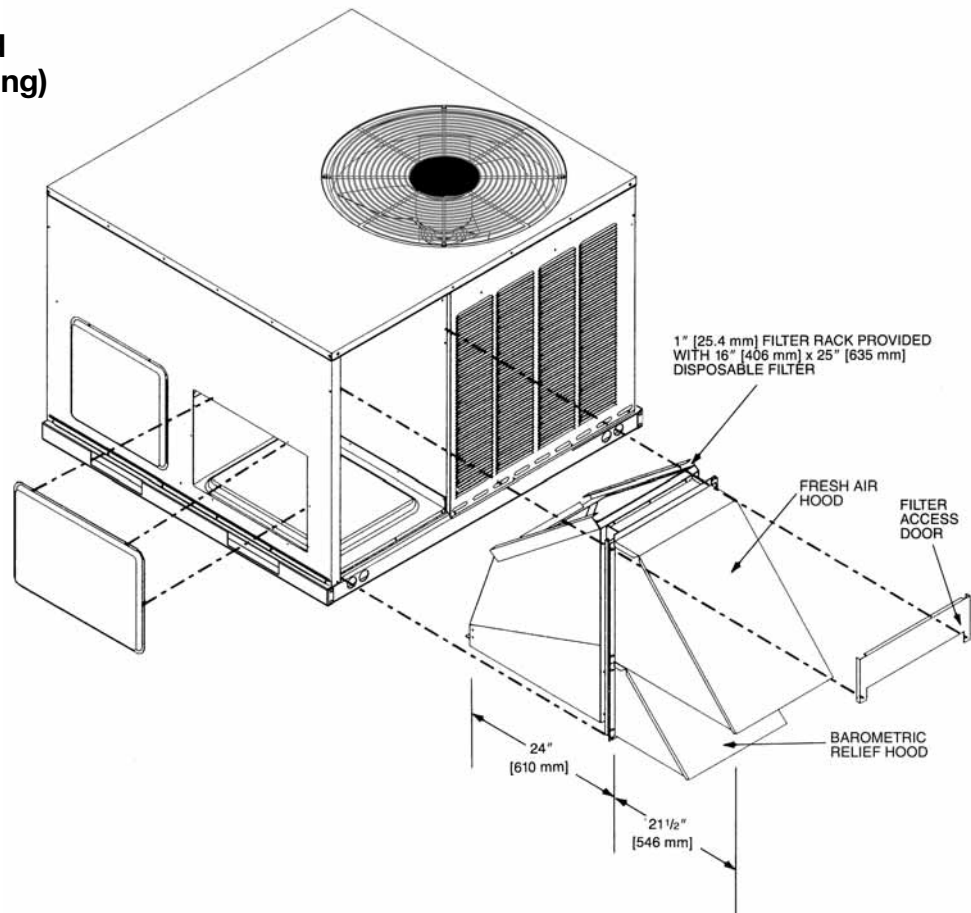
AXRE-CAA30 (3 Position)

Provided with enthalpy control, and mixed air sensor. Settings include fully open, fully closed and adjustable mid point.

AXRD-CAM10 (Fully Modulating)

Provided with enthalpy control, mixed air sensor and minimum position potentiometer for proportioning (modulating) the amount of fresh air.

NOTE: See economizer installation instructions for correct filter access door.



[] Designates Metric Conversions



ECONOMIZERS

RXRD-CCM10 (Fully Modulating) and RXRE-CCA30 (3 Position) Horizontal Application

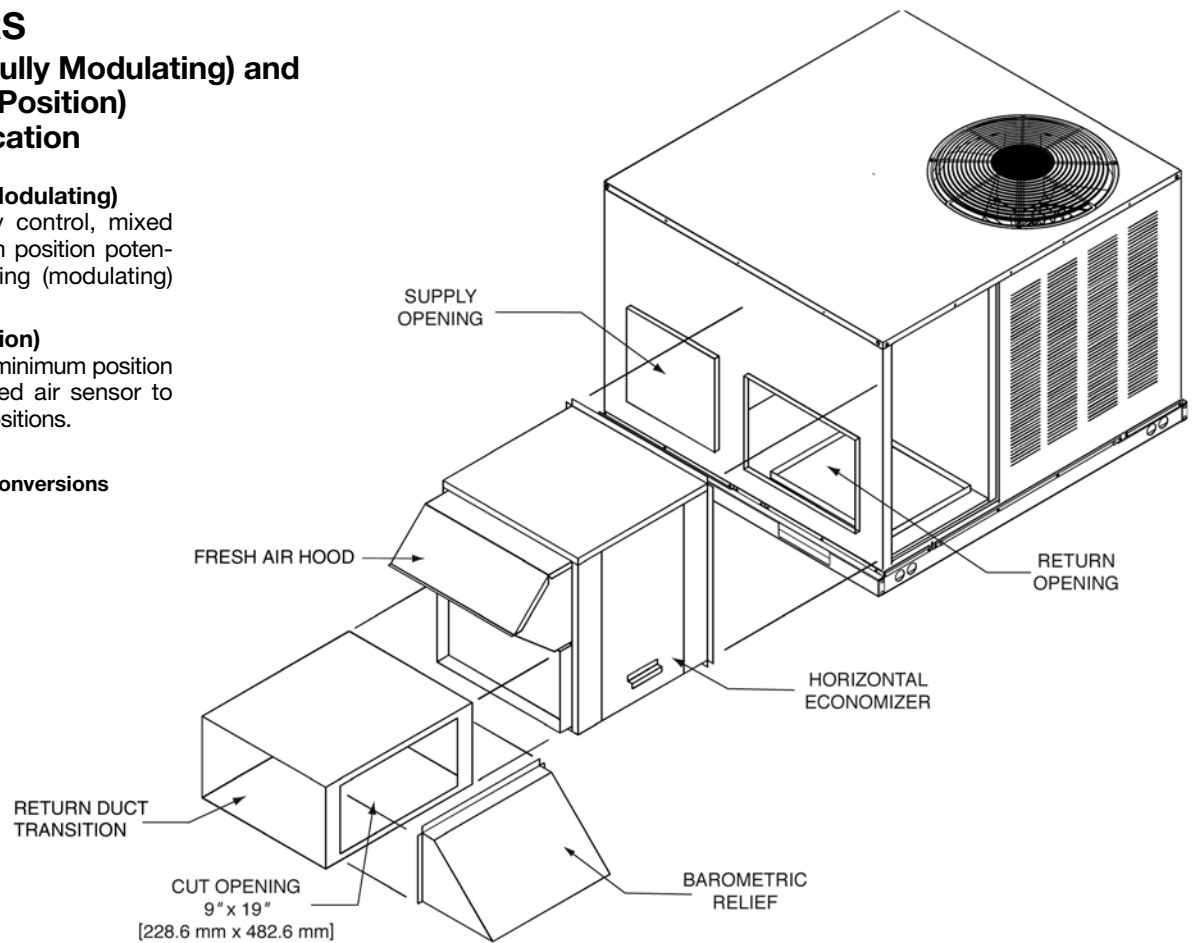
AXRD-CCM10 (Fully Modulating)

Provided with enthalpy control, mixed air sensor and minimum position potentiometer for proportioning (modulating) the amount of fresh air.

AXRE-CCA30 (3-Position)

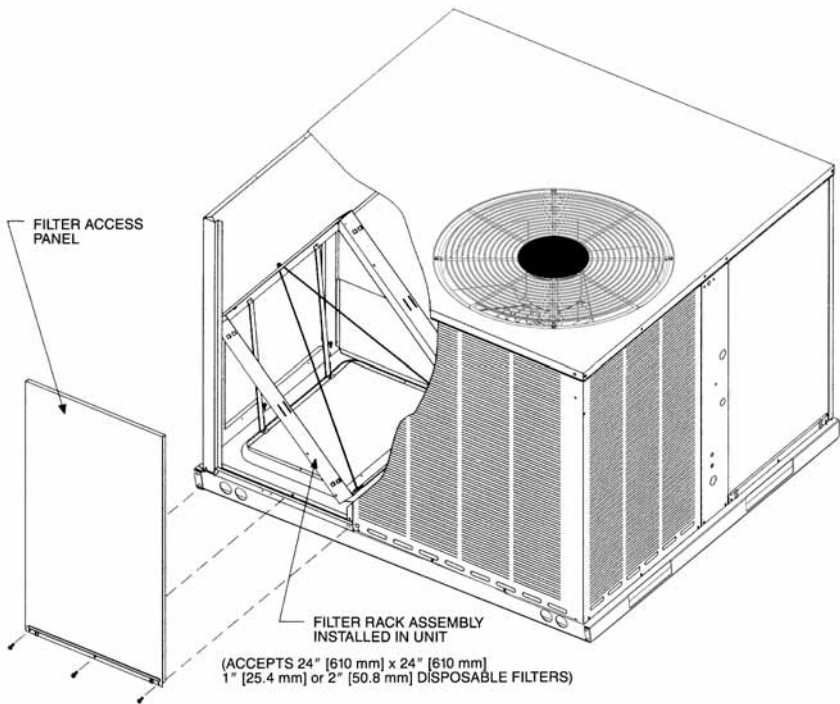
Has outdoor air sensor, minimum position potentiometer and mixed air sensor to provide three damper positions.

[] 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]

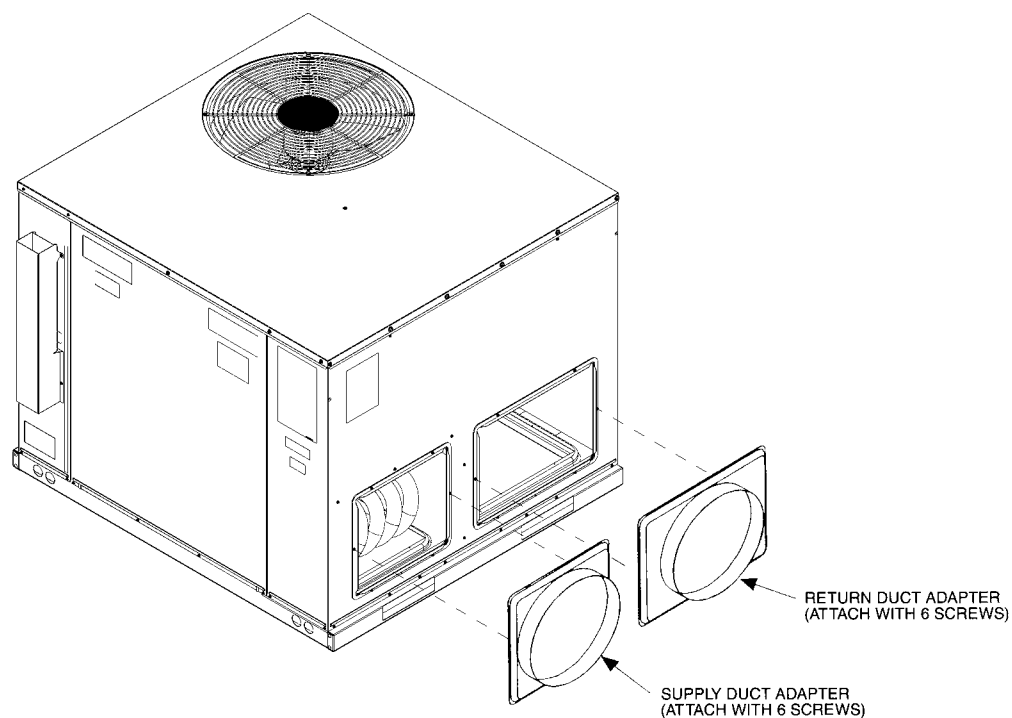
[] Designates Metric Conversions



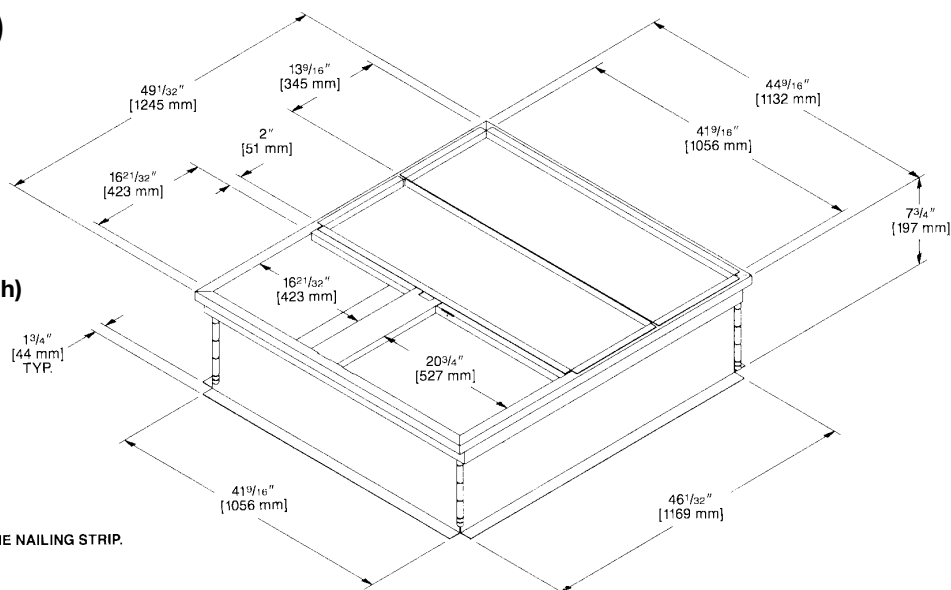
DUCT ADAPTER SIDEFLOW SQUARE TO ROUND TRANSITION RXMC-A01

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.

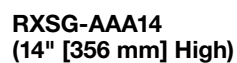
[] Designates Metric Conversions



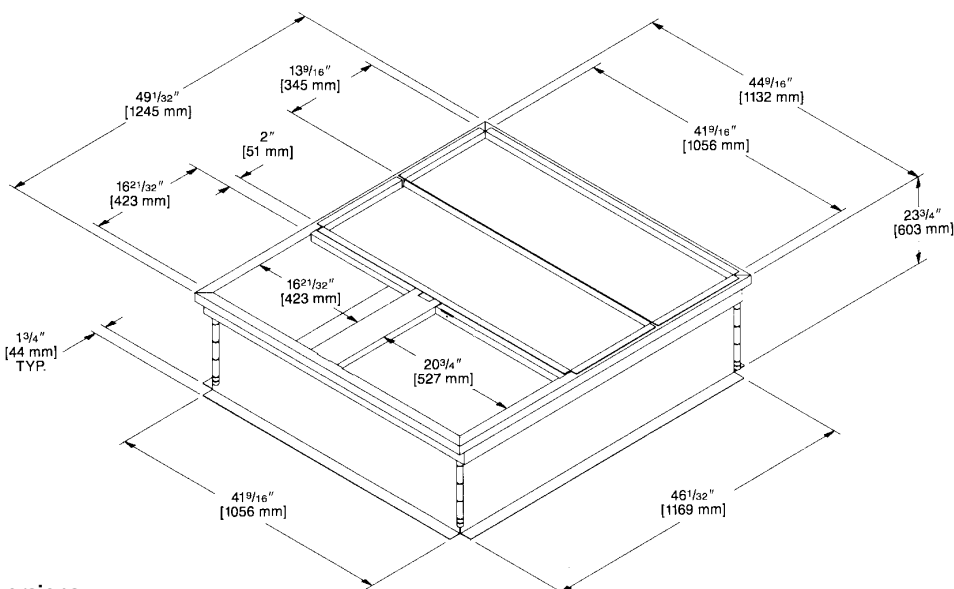
Hinged corners make for fast, easy set-up.



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

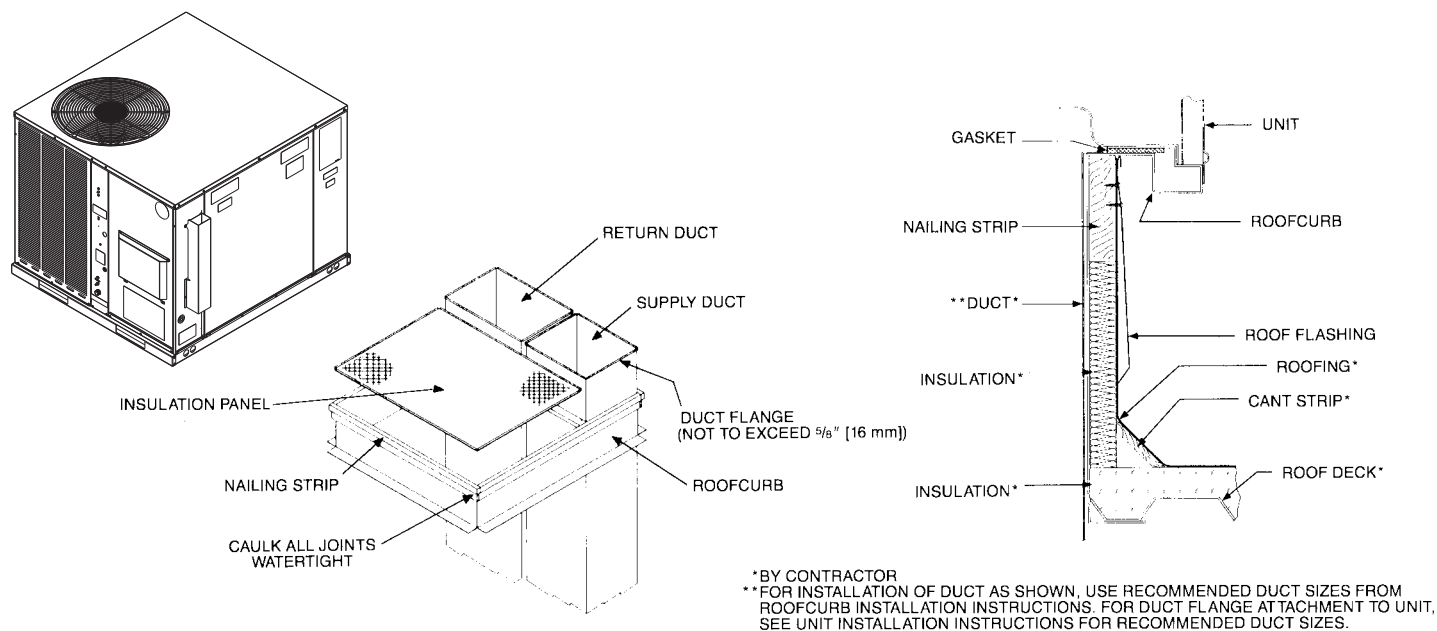


NOTE: PERIMETER OF ROOFCURB IS SUPPLIED WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm] PINE NAILING STRIP.



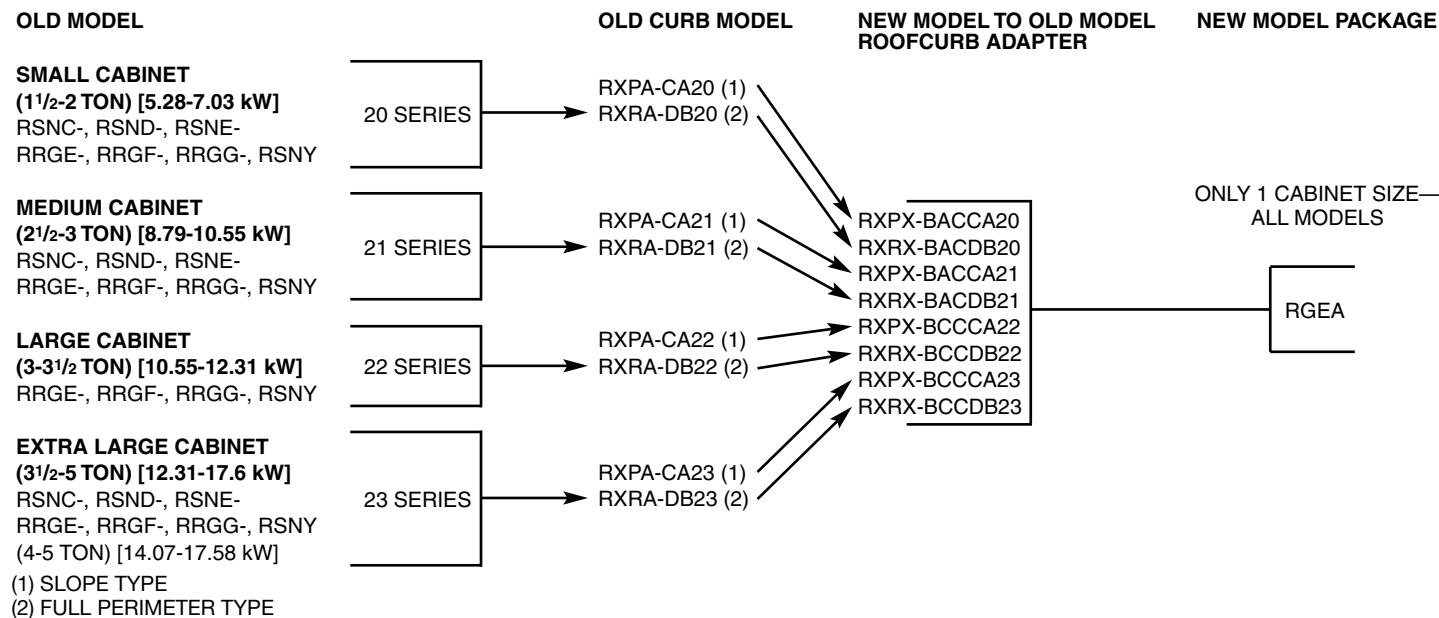
82

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



ROOFCURB ADAPTERS

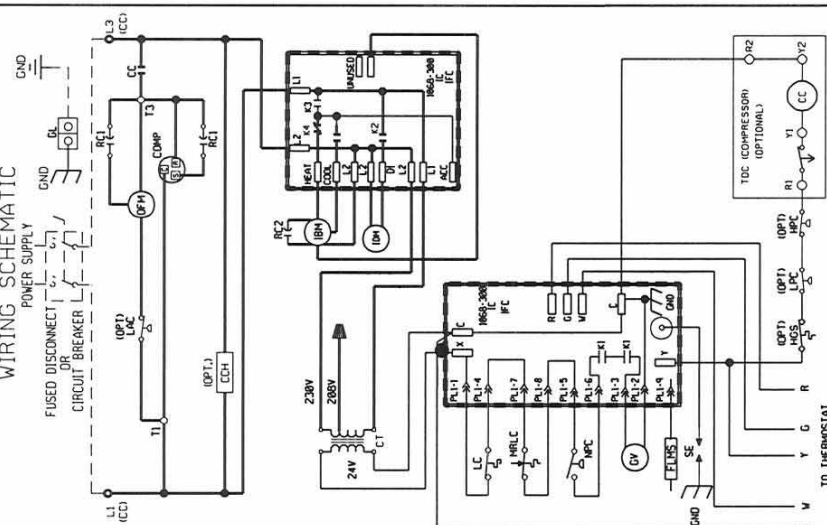
Fabricated from galvanized steel to adapt the New cabinet to the old style curb. All are furnished with a New gasket.



[] Designates Metric Conversions

MATERIAL: PRESSURE SENSITIVE,
ADHESIVE BACKED LABEL

WIRING SCHEMATIC



WIRE COLOR CODE

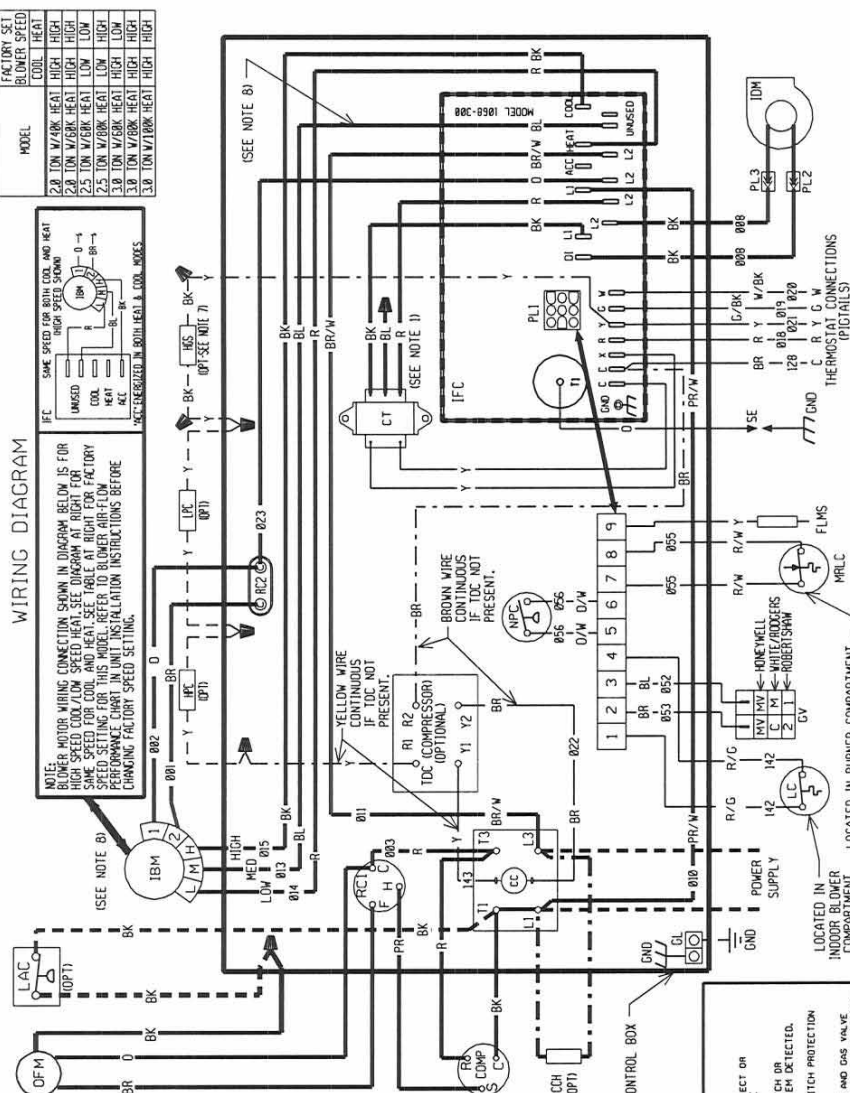
BLACK G.....GREEN PR.....PURPLE
BROWN GY.....GRAY R.....RED
BLUE O.....ORANGE W.....WHITE
Y.....YELLOW

ELECTRICAL WIRING DIAGRAM

2.0 - 3.0 TON GAS/ELECTRIC
W/ INTEGRATED FURNACE CONTROL
W/PSC BLOWER MOTOR
208/230V, 1-PHASE

APPROVED: <i>[Signature]</i>	CHECKED: <i>[Signature]</i>	ORIGINAL RELEASE NO.: R-1059S015
MODELED BY: ZJW	DATE: 04-29-14	
PART NO.:	90-23626-22	REV: 00

MODEL	FACTORY SET BLOWER SPEED	
	COOL	HEAT
2.0 TON W/40K	HEAT	HIGH
2.0 TON W/50K	HEAT	HIGH
2.5 TON W/50K	HEAT	LOW
2.5 TON W/60K	HEAT	LOW
3.0 TON W/50K	HEAT	HIGH
3.0 TON W/60K	HEAT	HIGH
3.0 TON W/100K	HEAT	HIGH



COMPONENT CODES

CC	COMPRESSOR CONTACTOR	LPC	LOW PRESSURE CONTROL
CCH	CRANKCASE HEATER	MRLC	MAG. RESET LIMIT CONTROL
COMP	COMPRESSOR	NPC	NEG. PRESSURE CONTROL
CT	CONTROL TRANSFORMER	OFM	OUTDOOR FAN MOTOR
CLM	CLIMATE SENSOR	OPT	OPTIONAL
GL	GROUND LUG	PL	PLUG
GND	GROUND	RC	RUN CAPACITOR
GV	GAS VALVE	SE	SPARK ELECTRODE
HPV	HIGH PRESSURE CONTROL	TDC	TIME DELAY CONTROL
IBM	INDOOR BLOWER MOTOR	WJ	WIRE NUT
IDM	INTEGRATED DRAFT MOTOR		
IFC	INTEGRATED FURNACE CONTROL		
HCS	HOT GAS SENSOR		
HLAC	LOW AMBIENT COOLING CONTROL		
LC	LIMIT CONTROL		

NOTES

- NOTES**
1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ, RED-COMMON, BLUE-208 V, BLACK-230 V. REWINDING AND REPLACEMENT LEADS FOR 208 V TRANSFORMER OPERATION AVAILABLE FROM THE MANUFACTURER.
 2. MOTORS AND COMPRESSOR THERMALLY PROTECTED. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
 3. CONTROL FIELD WIRING IN GROUNDED RAINIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
 4. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 1/50 AMP HERTZ SUPPLIED.
 5. REPLACEMENT FUSES MUST BE SAME TYPE & RATING AS ORIGINALS.
 6. FCS LOGS LOCATED IN TOP OF COPELAND ZR*41 COMPRESSORS ONLY.
 7. MED. BLOWER SPEED AND MOTOR LEAD ON 2.5 - 4.0 TON MODELS ONLY.

WIRING INFORMATION

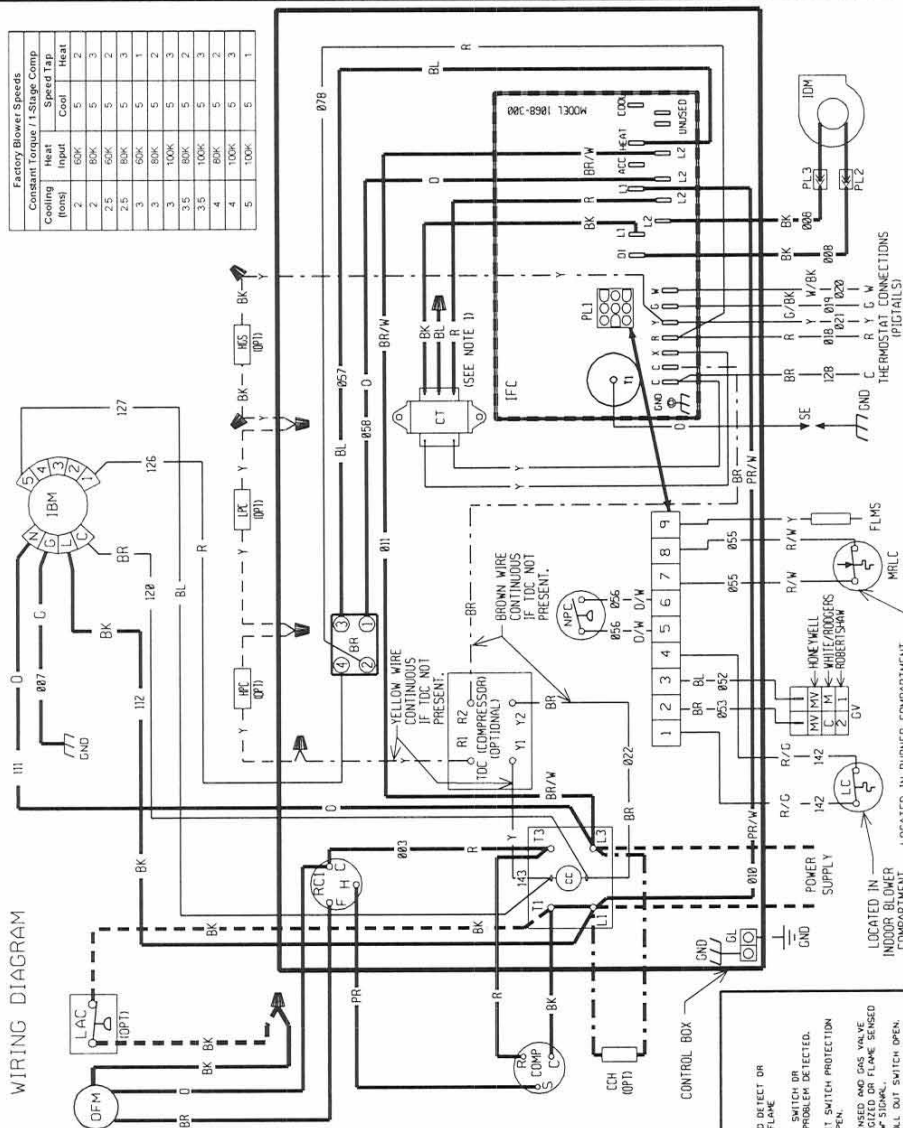
LINE VOLTAGE	_____
-FACTORY STANDARD	_____
-FACTORY OPTION	_____
-FIELD INSTALLED	_____
LOW VOLTAGE	_____
-FACTORY STANDARD	_____
-FIELD INSTALLED	_____
REPLACEMENT WIRE	_____
MUST BE THE SAME SIZE AND TYPE	_____
OF INSULATION AS ORIGINAL (105C, MN.)	_____
WARNING CONDUCTORS MUST BE PERMANENTLY GROUNDED AND IDENTIFIED TO IEEE, N.E.C., C.E.C., NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.	

PRINTING INSTRUCTIONS: MAKE EXACTLY 3.0 IN X 10.0 IN. WHITE BACKGROUND WITH BLACK PRINTING

MATERIAL: PRESSURE SENSITIVE,
ADHESIVE BACKED LAMINATE

WIRING DIAGRAM

Factory Blower Speeds				
Constant Torque / 1-Stage Comp	Cooling (tons)	Heat Input	Speed / Temp	
			Cool	Heat
2	2	60K	5	2
	2	80K	5	3
2.5	2.5	65K	5	2
	2.5	80K	5	3
3	3	65K	5	1
	3	80K	5	2
3	3	100K	5	3
	3	80K	5	3
3.5	3.5	80K	5	2
	3.5	100K	5	3
4	4	80K	5	2
	4	100K	5	3
5	5	100K	5	1
	5	100K	5	1



DIAGNOSTICS

- 1 FLASH - FAILED TO DETECT OR SUSTAIN FLAME
- 2 FLASH - PRESSURE SWITCH OR INDUCER PROBLEM DETECTED.
- 3 FLASH - HIGH LIMIT SWITCH PROTECTION/DEVICE OPEN.
- 4 FLASH - FLAME SENSED AND GAS VALVE NOT ENERGIZED OR FLAME SENSED AND NO "M" SIGNAL.
- 5 FLASH - FLAME ROLL OUT SWITCH OPEN.

WIRING INFORMATION

LINE VOLTAGE

- FACTORY STANDARD
- FACTORY OPTION

-FIELD INSTALLED

LOW VOLTAGE

-FACTORY STANDARD

-FIELD INSTALLED

REPLACEMENT WIRE
-MUST BE THE SAME

OF INSULATION AS OP

WARNING
CABINET MUST BE OPENED

-CABINET MUST BE PE
AND CONFORM TO I.E.

NATIONAL WIRING REG
CODES AS APPLICABLE

[illegible]

NOTES

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ COMMON BLUE-208 V, BLACK-230 V INTERCHANGABLE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION.
2. MOTORS & COMPRESSOR THERMALLY PROTECTED.
3. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
4. CONNECT LINE WIRING IN GROUNDED RACE. CONDUIT TO 60 HZ USED DISCONNECT. LOW VOLTAGE TRANSFORMER 24 VOLTS, 50/60 HZ ASSESS.
5. REPLACEMENT FUSES MUST BE SAME TYPE AND SIZE AS ORIGINAL.

COMPONENT CODES

- | | | | |
|------|-----------------------------|------|-------------------------|
| BLWR | BLOWER RELAY | LC | LIMIT CONTROL |
| CC | COMPRESSOR CONTACTOR | LPC | LOW PRESSURE CONTROL |
| CH | CHARGING CHARGE | MRLC | MAN RESET LIMIT CONTROL |
| CLMP | COMPRESSOR | NPLC | NEG. PRESSURE CONTROL |
| CLT | CONTROL TRANSFORMER | OFM | OUTDOOR FAN MOTOR |
| FLMS | FLAME SENSOR | OPT | OPTIONAL |
| GLD | GROUND LUG | PL | PLUG |
| GV | GAS VALVE | RC | RUN CAPACITOR |
| HPC | HIGH PRESSURE CONTROL | SE | SPARK ELECTRODE |
| IBM | INDOOR BLOWER MOTOR | TDC | TIME DELAY CONTROL |
| IDM | INDUCED DRAFT MOTOR | WJ | WIRE NUT |
| IFC | INTEGRATED FURNACE CONTROL | | |
| HCS | HOT GAS SENSOR | | |
| LAC | LOW AMBIENT COOLING CONTROL | | |

WIRE COLOR CODE

- BK.....BLACK G.....GREEN PR.....PURPLE
BR.....BROWN GY.....GRAY R.....RED
BL.....BLUE O.....ORANGE W.....WHITE
Y.....YELLOW

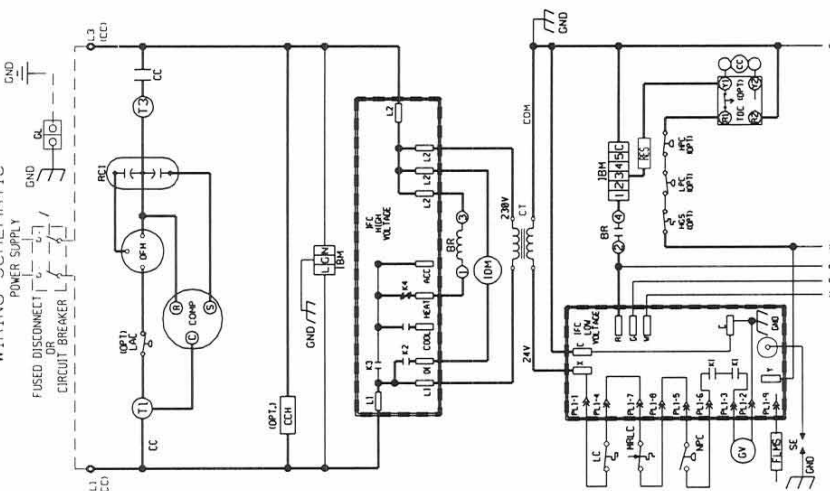
ELECTRICAL WIRING DIAGRAM

2.0 - 5.0 TON SINGLE STAGE GAS/ELECTRIC
W/ INTEGRATED FURNACE CONTROL
W/ CONSTANT TORQUE BLOWER MOTOR
208/230V, 1-PHASE

APPROVED: <i>[Signature]</i>	CHECKED: <i>[Signature]</i>	ORIGINAL RELEASE NO.
MODELED BY: ZJW	DATE: 05-07-14	R-1059S015
PART NO.: 90-23626-24		REV: 00

NO REVISION TO DESIGN, MATERIAL TOOLING, OR PROCESS IS ACCEPTABLE WITHOUT PRIOR APPROVAL FROM RHEM THROUGH AN AUTHORIZED CHANGE NOTICE. A REVISED ENGINEERING SPECIFICATION AND A RESAMPLED PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING RHEM R & D AND PURCHASING DEPARTMENTS IN WRITING OF ANY CHANGES AFFECTING PRODUCT QUALITY, PERFORMANCE, RELIABILITY, PACKAGING, DELIVERY OR WORKMANSHIP. ANY DOCUMENT REFERRED TO ON THIS DRAWING ARE INCLUDED IN THE SPECIFICATIONS FOR THIS COMPONENT".

WIRING SCHEMATIC





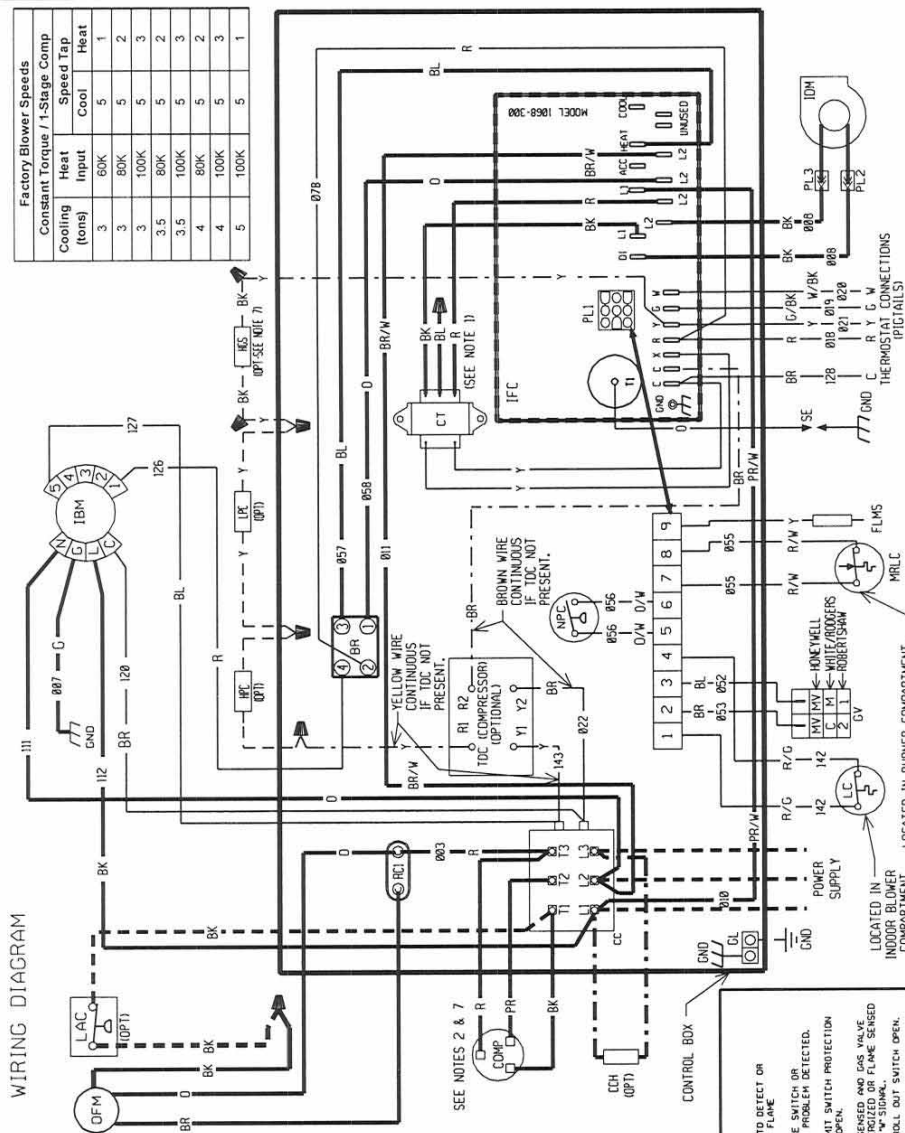
Air

Wiring Diagrams
RGEA14 Series

PRINTING INSTRUCTIONS: MAKE EXACTLY 8.0 IN X 10.0 IN. WHITE BACKGROUND WITH BLACK PRINTING

MATERIAL: PRESSURE SENSITIVE, ADHESIVE BACKED LABEL

WIRING DIAGRAM



WIRING INFORMATION

- LINE VOLTAGE
- FACTORY STANDARD
- FACTORY OPTION
- FIELD INSTALLED
- LOW VOLTAGE
- FACTORY STANDARD
- FIELD INSTALLED
- REPLACEMENT WIRE
- MUST BE THE SAME SIZE AND TYPE
- MUST BE INSULATED AS ORIGINAL (105C. MIN.)
- WARNING
- CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C. N.E.C. O.E.C. NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE

NOTES

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ RED-COMMON BLUE-208 V BLACK-230 V INTERCHANGE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION.
2. MOTORS & COMPRESSOR THERMALLY PROTECTED. CONNECTORS SUITABLE FOR USE WITH COPPER
3. CONNECT FIELD WIRING IN GROUNDED RAINLIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
4. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
5. FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL
6. COMPRESSOR PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.

COMPONENT CODES

- BR BLOWER RELAY
- CC COMPRESSOR CONTACTOR
- CCH CRANKCASE HEATER
- CDMP COMPRESSOR
- CT CONTROL TRANSFORMER
- FLMS FLAME SENSOR
- GL GROUND LUG
- GV GAS VALVE
- HPC HIGH PRESSURE CONTROL
- IDM INDOOR BLOWER MOTOR
- IFC INTEGRATED DRAFT MOTOR
- IFC INTEGRATED FURNACE CONTROL
- HGS HOT GAS SENSOR
- LAC LOW AMBIENT COOLING CONTROL
- LC LIMIT CONTROL
- LPC LOW PRESSURE CONTROL
- MRLC MAN. RESET LIMIT CONTROL
- NPC NEG. PRESSURE CONTROL
- OFM OUTDOOR FAN MOTOR
- OPT OPTIONAL
- PL PLUG
- RC RUN CAPACITOR
- RES RESISTOR
- SE SPARK ELECTRODE
- TDC TIME DELAY CONTROL
- WIRE NUT

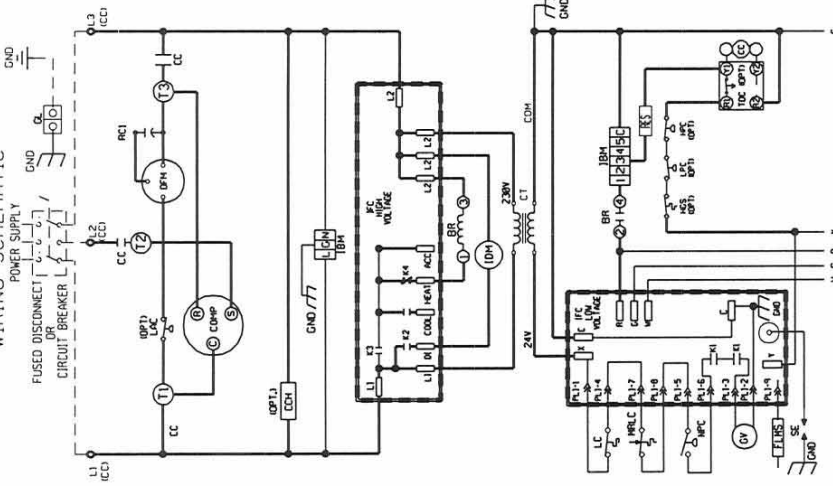
ELECTRICAL WIRING DIAGRAM

- 3.0 - 5.0 TON SINGLE STAGE GAS/ELECTRIC W/ INTEGRATED FURNACE CONTROL
- W/ CONSTANT TORQUE BLOWER MOTOR
- 208/230V, 3-PHASE

WIRE COLOR CODE

- BK.....BLACK G.....GREEN PR.....PURPLE
- BR.....BROWN GY.....GRAY R.....RED
- BL.....BLUE O.....ORANGE W.....WHITE
- Y.....YELLOW

WIRING SCHEMATIC



NO REVISION TO DESIGN, MATERIAL, TOOLING, OR PROCESS IS ACCEPTABLE WITHOUT PRIOR APPROVAL FROM RHEM THROUGH AN AUTHORIZED CHANGE NOTICE. A REVISED ENGINEERING SPECIFICATION AND A RESAMPLING OF PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING RHEM R & D AND PURCHASING DEPARTMENTS IN WRITING OF ANY CHANGES AFFECTING WORKMANSHIP. ANY DOCUMENTS REFERRED TO ON THIS DRAWING ARE INCLUDED IN THE SPECIFICATIONS FOR THIS COMPONENT.



MATERIAL: PRESSURE SENSITIVE,
ADHESIVE BACKED LABEL

BLACK WIRE —
CONTINUOUS
IF LAC IS NOT
PRESENT.

ROUTE —
COMPRESSOR
WIRES THROUGH
CONDUIT ALONG

Figure 1 is a schematic diagram of the control system for the burner. It shows a control box connected to a burner assembly. The burner assembly includes a pressure switch (PS), a flame sensor (FS), a gas valve (GV), and a limit switch (LS). The control box contains a pressure switch (PS), a flame sensor (FS), a gas valve (GV), and a limit switch (LS). The diagram shows the electrical connections between these components and the burner assembly.

LINE VOLTAGE	_____
-FACTORY STANDARD	_____
-FACTORY OPTION	_____
-FIELD INSTALLED	_____
LOW VOLTAGE	_____
-FACTORY STANDARD	_____
-FIELD INSTALLED	_____
REPLACEMENT WIRE	_____
MUST BE THE SAME SIZE AND TYPE	_____
OF INSULATION AS ORIGINAL (105C. MIN.)	_____
WARNING	
WIRING MUST BE PERMANENTLY GROUNDED	
AND CONFORM TO IEC, N.E.C., C.E.C.,	
NATIONAL WIRING REGULATIONS, AND LOCAL	
CODES AS APPLICABLE.	

1. MAIN UNIT TRANSFORMER PRIMARY LEADS:
60 HZ
RED-COMMON, BLUE-208 V, BLACK-230 V
RED-COMMON, BLACK, BLUE-240 V
CLASS 2 TRANSFORMER OPERATION
2. MOTORS & COMPRESSOR THERMALLY PROTECTED
CONNECTORS SUITABLE FOR USE WITH COPPER
CONDUCTORS ONLY.
3. CONNECT FIELD WIRING IN DISCONNECT RAIN
CIRCUIT TO 50 HZ FUSED DISCONNECT.
4. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2
CLASS 2 TRANSFORMER 24 VOLT, 50/60
HERTZ, UNGEMPLED.
5. ALL WIRING CONNECTIONS MUST BE SAME TYPE
STATUS AS ORIGINAL.

BL	BLOWER	RELAY
CC	COMPRESSOR	CONTACTOR
CH	CRANKCASE	HEATER
COMP	COMPRESSOR	
CT	CONTROL	TRANSFORMER
FL	FLAME	SENSOR
GL	GROUND	LUG
GV	GAS	VALVE
HPC	HIGH	PRESSURE
IB	INDOOR	BLOWER
IM	INDUCED	DRAFT
INT	INTEGRATED	FURNACE
IFC	INDIRECT	FURNACE
LA	LOW	AMBIENT
CLAC	COOLING	CONTROL

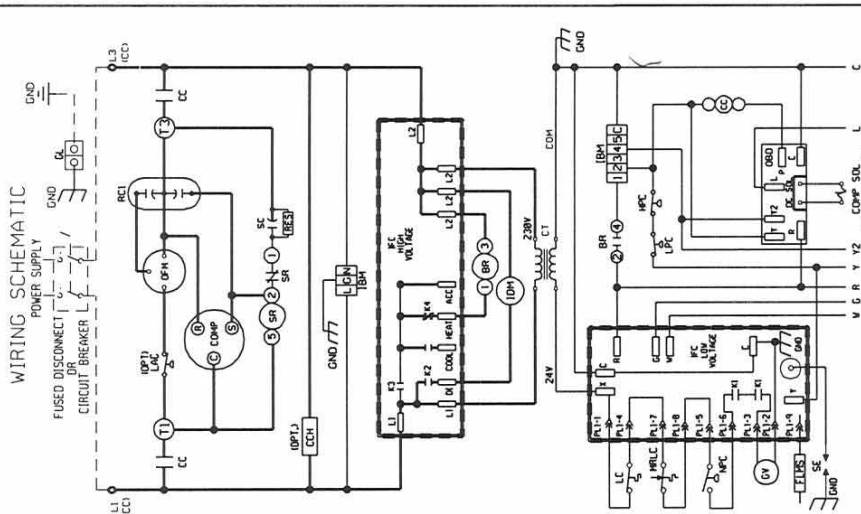
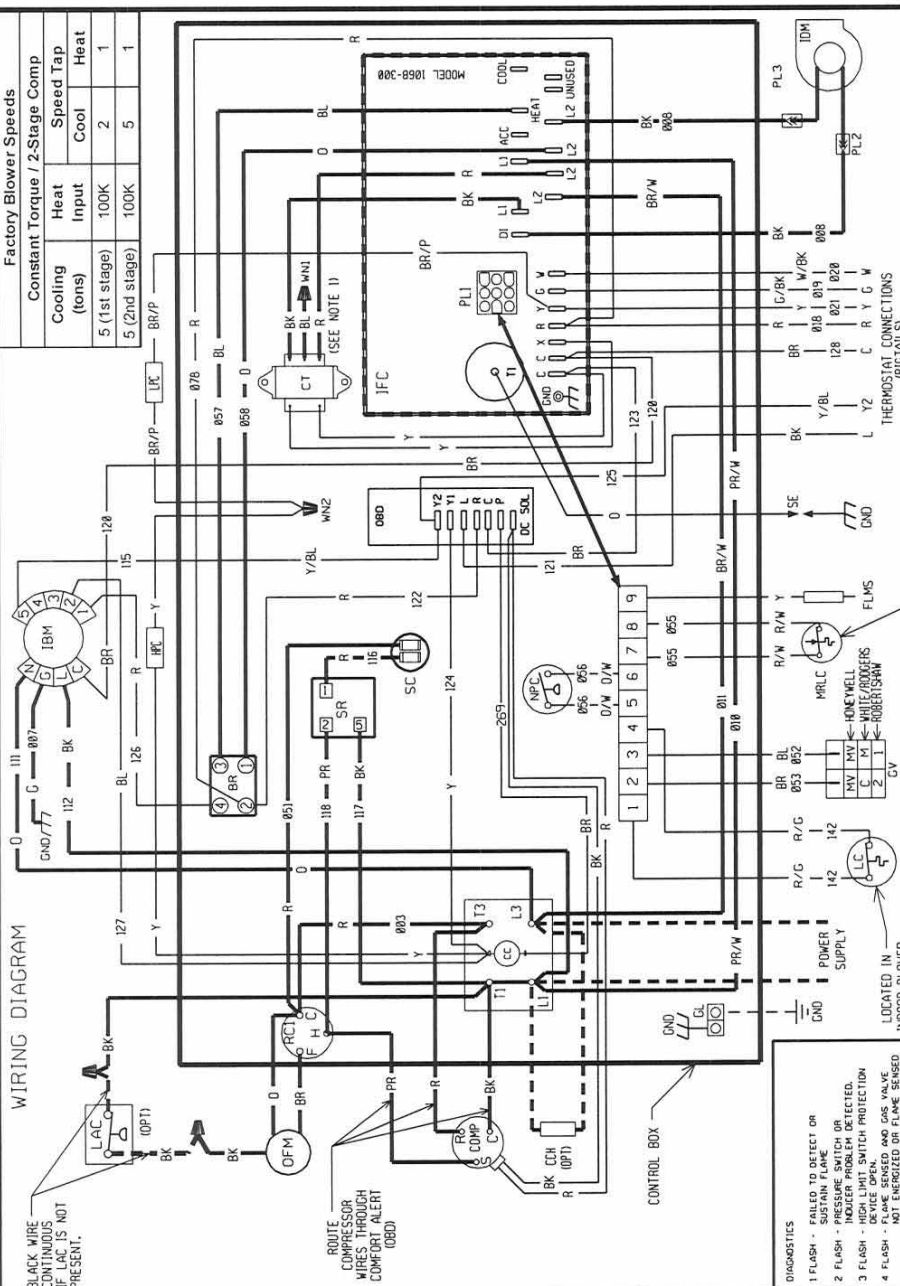
LC	LOW PRESSURE CONTROL
LPC	MAIN RESET LIMIT CONTROL
MRLC	NEG. PRESSURE CONTROL
NPC	ON BOARD DIAGNOSTICS
QFM	OUTDOOR FAN MOTOR
OPT	OPTIONAL
PL	PLUG
RC	RUN CAPACITOR
SC	START CAPACITOR
SE	SPARK ELECTRODE
SR	START RELAY
W	WIRE NUT

BK.....BLACK G.....GREEN PR.....PURPLE
BR.....BROWN GY.....GRAY R.....RED
BL.....BLUE O.....ORANGE W.....WHITE
Y.....YELLOW

ELECTRICAL WIRING DIAGRAM

5.0 TON GAS/ELECTRIC
W/ INTEGRATED FURNACE CONTROL
W/ CONSTANT TORQUE BLOWER MOTOR
W/ 2-STAGE COMPRESSOR
208/230V, 1-PHASE

APPROVED: <i>KSE</i>	CHECKED: <i>W</i>	ORIGINAL RELEASE NO.
MODELED BY: ZJW	DATE: 05-07-14	R-1062S001
PART NO.: 90-23626-26		REV: 00

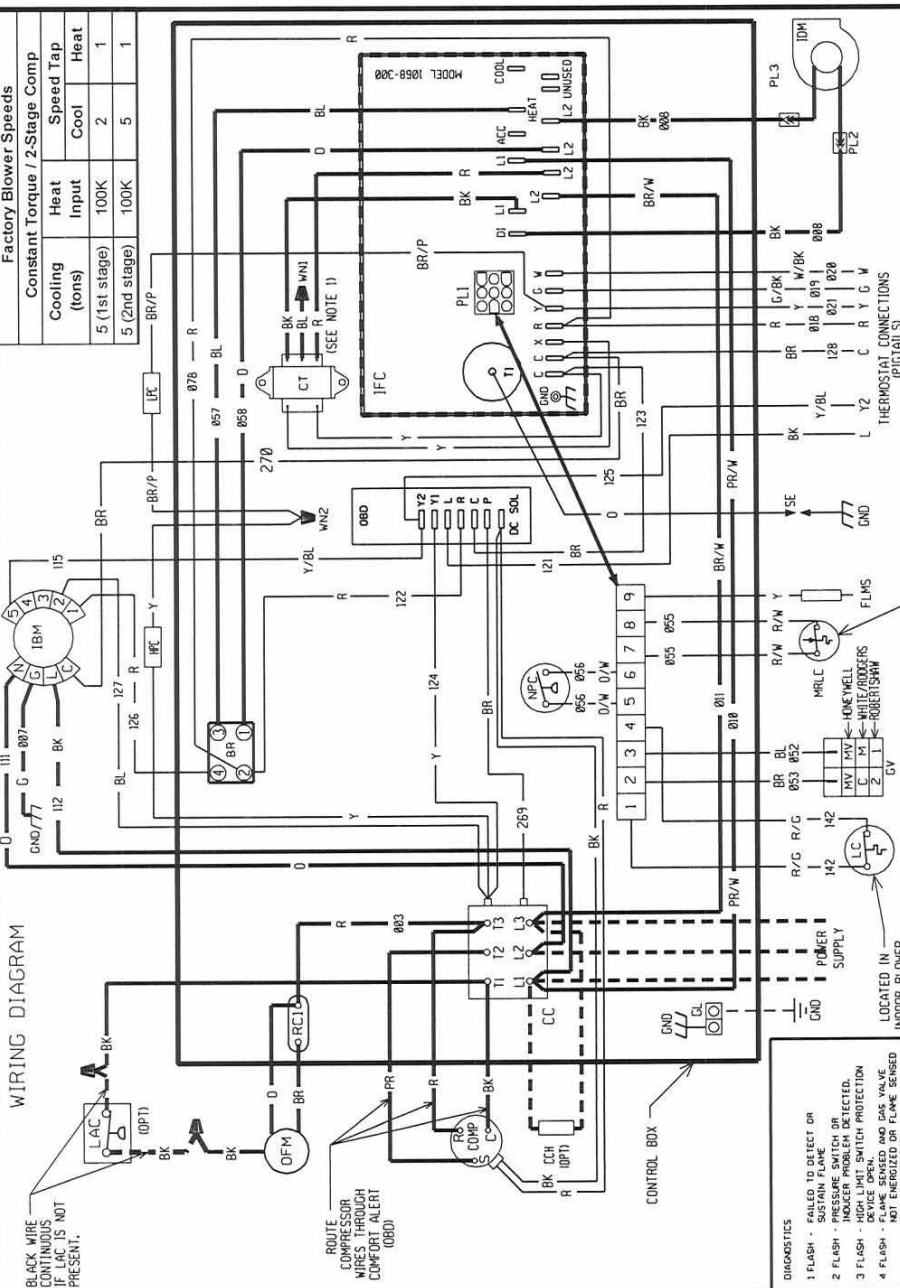


PRINTING INSTRUCTIONS: MAKE EXACTLY 8.0 IN X 10.0 IN. WHITE BACKGROUND WITH BLACK PRINTING

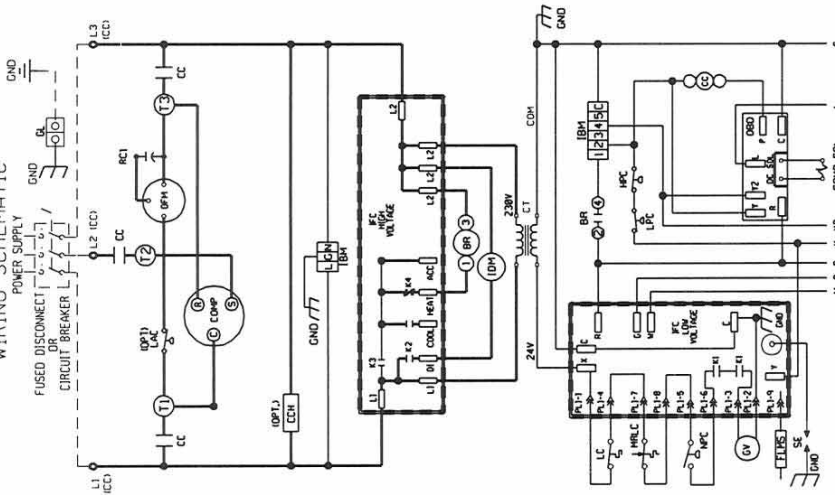
MATERIAL: PRESSURE SENSITIVE, ADHESIVE BACKED LABEL

WIRING DIAGRAM

BLACK WIRE
IF LAC IS NOT
PRESENT.



WIRING SCHEMATIC



WIRE COLOR CODE

BK.....BLACK G.....GREEN PR.....PURPLE
BR.....BROWN GR.....GRAY R.....RED
BL.....BLUE O.....ORANGE W.....WHITE
Y.....YELLOW

ELECTRICAL WIRING DIAGRAM

5.0 TON GAS/ELECTRIC
W/ INTEGRATED FURNACE CONTROL
W/ CONSTANT TORQUE BLOWER MOTOR
W/ 2-STAGE COMPRESSOR
208/230V, 3-PHASE

APPROVED	CHECKED	DATE	ORIGINAL RELEASE
MODELER	ZJW	05-07-14	R-1062S001
BY:			
PART NO.:	90-23626-27		REV: 00

COMPONENT CODES

BR BLOWER RELAY
CC COMPRESSOR CONTACTOR
CCH CRANKCASE HEATER
COMP COMPRESSOR
CT CONTROL TRANSFORMER
FLMS FLAME SENSOR
GND GROUND
GV GAS VALVE
HPC HIGH PRESSURE CONTROL
IBM INDOOR BLOWER MOTOR
IDM INDUCED DRAFT MOTOR
IFC INTEGRATED FURNACE CONTROL
LAC LOW AMBIENT COOLING CONTROL

LC LIMIT CONTROL
LPC LOW PRESSURE CONTROL
MRLC MAN. RESET LIMIT CONTROL
NPC NEG. PRESSURE CONTROL
OBD ON BOARD DIAGNOSTICS
OFM OUTDOOR FAN MOTOR
OPT OPTIONAL
PL PLUG
RC RUN CAPACITOR
SC START CAPACITOR
SE SPARK ELECTRODE
SR START RELAY
WIRE NUT

NOTES

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: REWIND COMMON BLUE-208 V. BLACK-230 V. INTERCHANGE BLACK & BLUE LEADS FOR 208 V. TRANSFORMER OPERATION.
2. MOTORS & COMPRESSOR THERMALLY PROTECTED. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY. WIRING IN GROUNDED RAINLIGHT CONDENSATE PANS TO 60 W/ FUSED DISCONNECT.
3. A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
4. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.

WIRING INFORMATION

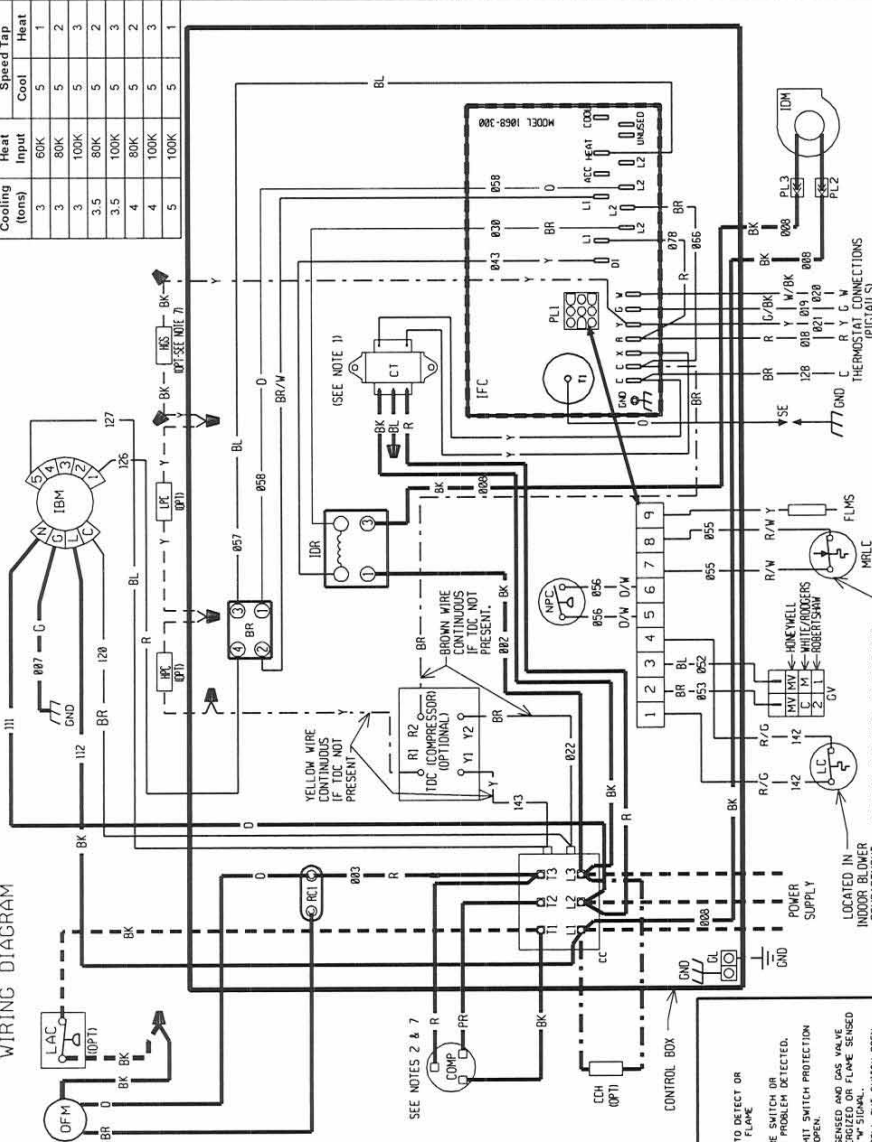
LINE VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
LOW VOLTAGE
-FACTORY STANDARD
-FIELD INSTALLED
REPLACEMENT WIRE
-MUST BE THE SAME SIZE AND TYPE
OF INSULATION AS ORIGINAL (105C. MIN.)
WARNING
-CABINET MUST BE PERMANENTLY GROUNDED
AND CONFORM TO I.E.C. N.E.C. C.E.C.
NATIONAL WIRING REGULATIONS, AND LOCAL
CODES AS APPLICABLE

PRINTING INSTRUCTIONS: MAKE EXACTLY 8.0 IN X 10.0 IN. WHITE BACKGROUND WITH BLACK PRINTING

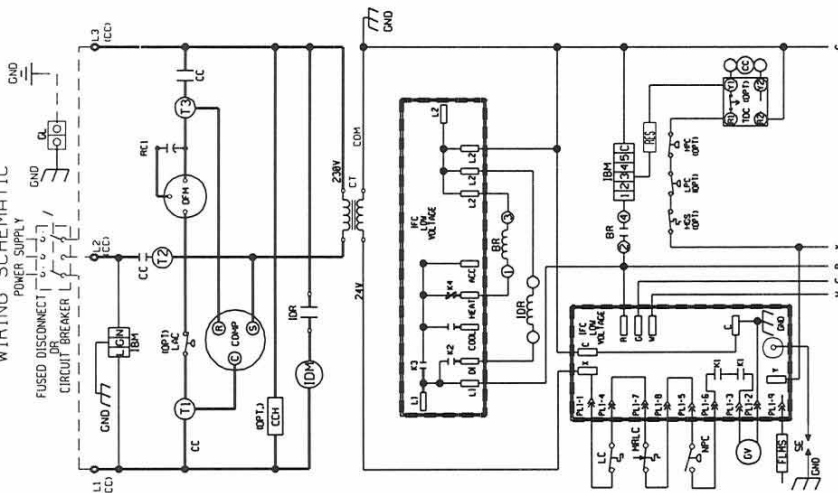
MATERIAL: PRESSURE SENSITIVE,
ADHESIVE BACKED LABEL

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WIRING DIAGRAM



WIRING SCHEMATIC



WIRING INFORMATION

LINE VOLTAGE

- FACTORY STANDARD _____
- FACTORY OPTION - - - - -
- FIELD INSTALLED - - - - -

LOW VOLTAGE

- FACTORY STANDARD _____
- FIELD INSTALLED - - - - -

REPLACEMENT WIRE

- MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105C. MIN.)

WARNING

-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C. N.E.C. C.E.C. NATIONAL WIRING REGULATIONS, AND LOCAL CODES, AS APPLICABLE.

NOTES

1. CONTROL TRANSFORMER PRIMARY LEADS: BLUE - COMMON BK/RD - 450V 60 HZ. / 380V 50 HZ.
2. RED - 575V 60 HZ. / 415V 50 HZ.
3. MOTORS & COMPRESSOR THERMALLY PROTECTED.
4. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
5. CONNECT FIELD WIRING IN GROUNDED RAINLIGHT CONDUIT TO 60 HZ SUPPLY DISCONNECT.
6. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
7. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.
8. COMPRESSOR PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.

COMPONENT CODES

BLR	BLOWER RELAY	LAC	LOW AMBIENT COOLING
CC	COMPRESSOR CONTACTOR	LC	LIMIT CONTROL
CCH	CRANKCASE HEATER	LPC	LOW PRESSURE CONTROL
COMP	COMPRESSOR	LRLC	LOW RESET LIMIT CONTROL
CONTRCT	CONTROL TRANSFORMER	NPC	NEG. PRESSURE CONTROL
FMS	FLAME SENSOR	OFM	OUTDOOR FAN MOTOR
GL	GROUND LUG	OPT	OPTIONAL
GROUND	GROUND	PL	PLUG
GND	GAS VALVE	RC	RUN CAPACITOR
GV	HIGH PRESSURE CONTROL	RES	RESISTOR
HPC	INDOOR BLOWER MOTOR	SE	SPARK ELECTRODE
IBM	INDUCED DRAFT RELAY	TDC	TIME DELAY CONTROL
IDR	INDUCED DRAFT MOTOR		WIRE NUT
IDM	INDUCED DRAFT MOTOR		
IFC	INTEGRATED FURNACE CONTROL		
IPC	HOT GAS SENSOR		

WIRE COLOR CODE

WIRE COLOR CODE

BK.....BLACK	G.....GREEN	PR.....PURPLE
BR.....BROWN	GY.....GRAY	R.....RED
BL.....BLUE	O.....ORANGE	W.....WHITE
		Y.....YELLOW

ELECTRICAL WIRING DIAGRAM

0 - 5.0 TON SINGLE STAGE GAS/ELECTRIC
W/ INTEGRATED FURNACE CONTROL
W/ CONSTANT TORQUE BLOWER MOTOR
460V, 3-PHASE

APPROVED: <i>[Signature]</i>	CHECKED: <i>[Signature]</i>	ORIGINAL RELEASE NO.:
MODELED ZJW	DATE: 05-08-14	R-1059S015
BY:		
PART NO.:	90-23626-28	REV: 00

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
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Compressor

1 Phase, Residential Applications	Ten (10) Years
1 & 3 Phase, Commercial Applications	Five (5) Years

Parts

Commercial Applications	One (1) Year
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Air

Notes

RGEA13/14/15 Series





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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Fort Smith, Arkansas 72917 • www.rheem.com

Rheem Canada Ltd./Ltée • 125 Edgeware Road, Unit 1
Brampton, Ontario • L6Y 0P5



INTEGRATED HOME COMFORT

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