



Package Gas Electric
RGEA14/15 Series

Ruud Achiever® Series Package Gas Electric Unit



RGEA14- 14 SEER Series

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

RGEA15- 15 SEER Series

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



(15 SEER/
12 EER ONLY)

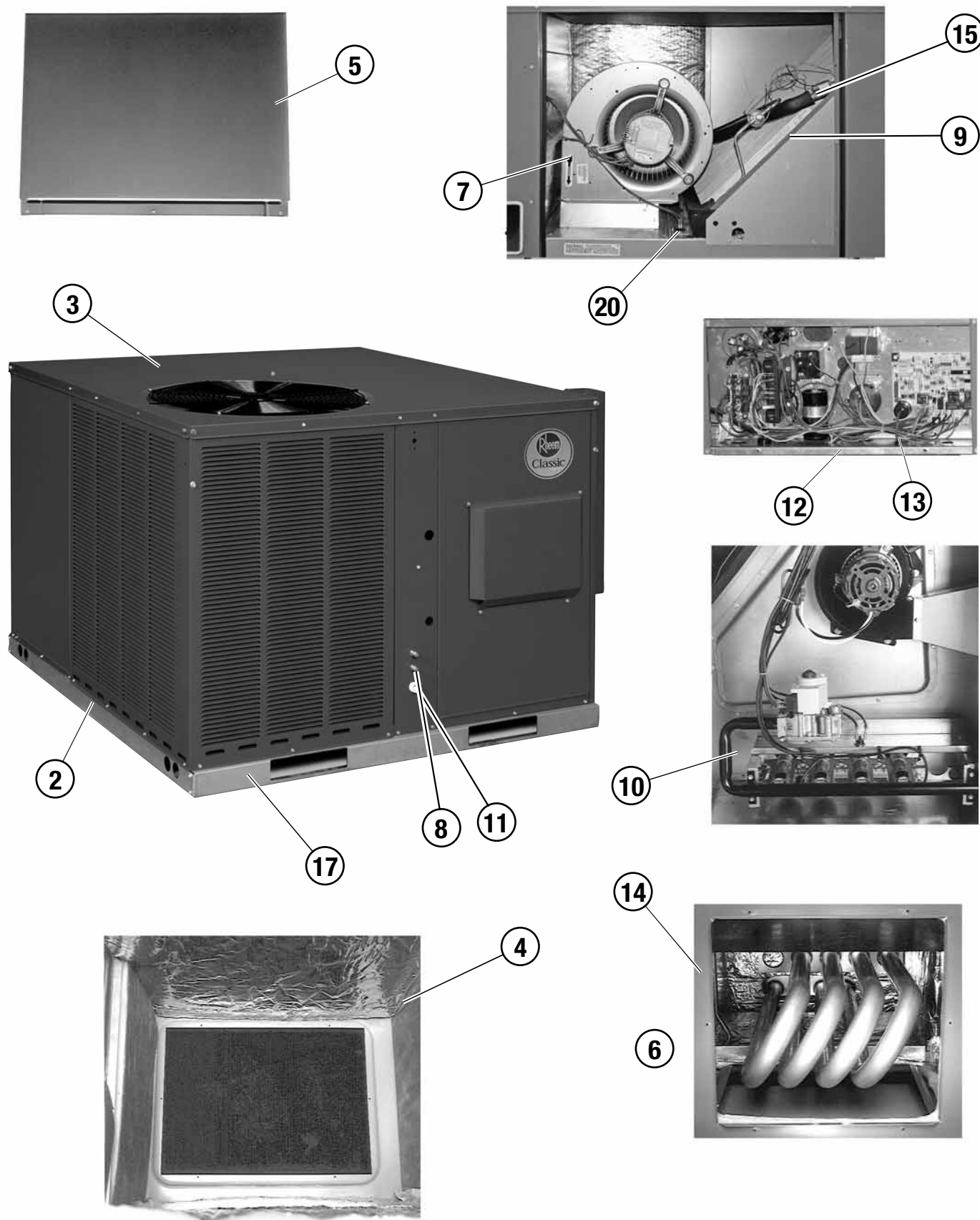
RELY ON RUUD.™

FORM NO. R22-870 REV. 3

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Package Gas Electric Unit Features:





RGEA14/15 Features Below Correspond to Photos on Page 3

1. All models feature Scroll® compressors for maximum efficiency and quiet operation. 5 Ton 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.

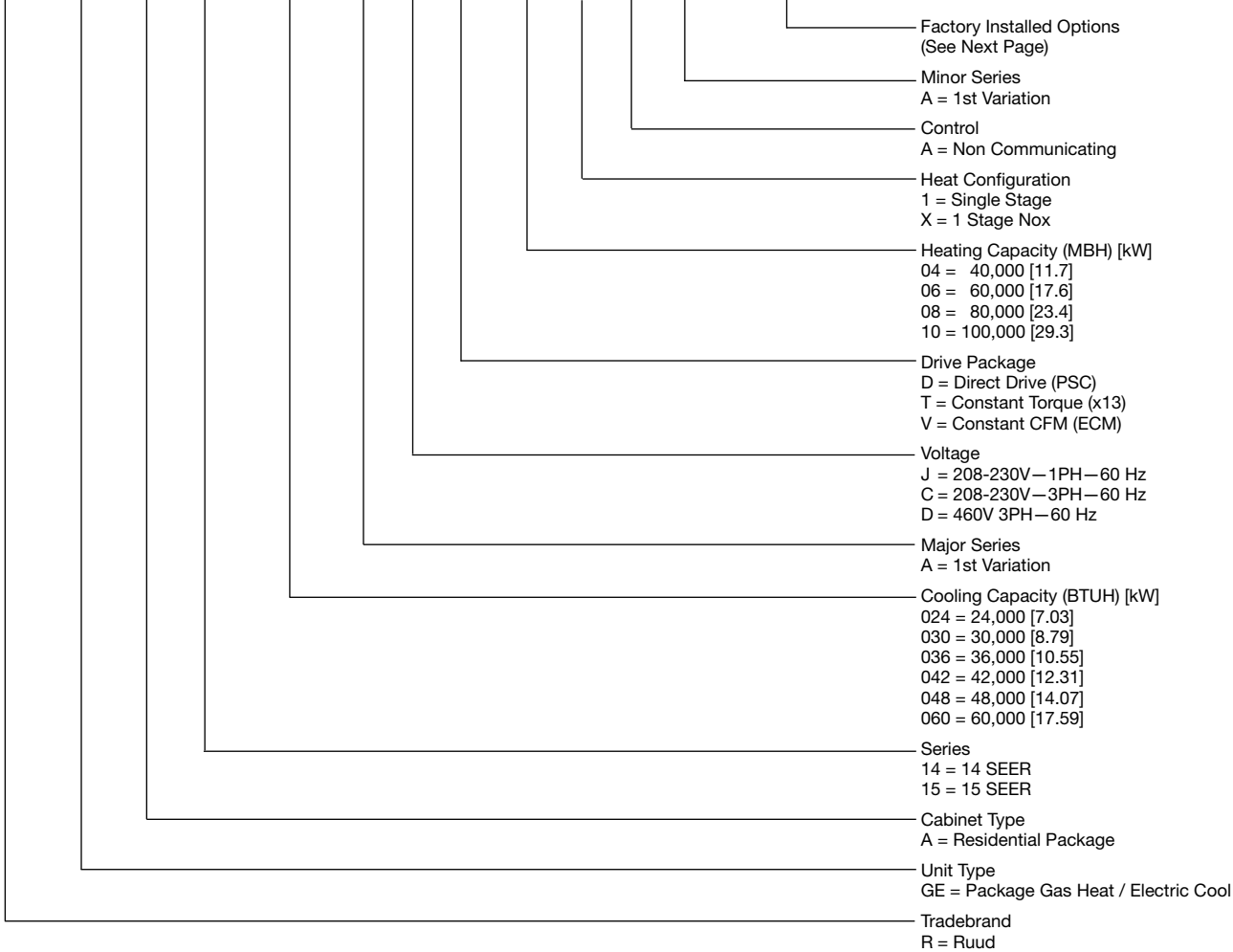
Comfort Alert™ Diagnostics – Faster Service And Improved Accuracy (2-Stage Models Only)

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.

R GE A 14 036 A J D 10 1 A A X X X



[] 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 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	82	82
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]
Refrigerant Control	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]
Drain Connection No./Size in. [mm]	TX Valves	TX Valves	TX Valves
	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]

See Page 33 for Notes.

[] 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]	65,000 [19.04]
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 (%)	82	82	82	82
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]

See Page 33 for Notes.

[] 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]	65,000 [19.04]	48,000 [14.06]	65,000 [19.04]	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 (%)	82	82	82	82
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]

See Page 33 for Notes.

[] 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]	48,000 [14.06]	65,000 [19.04]	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 (%)	82	82	82	82
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]

See Page 33 for Notes.

[] 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]	65,000 [19.04]	65,000 [19.04]	81,000 [23.73]
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 (%)	82	82	82	82
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]	81,000 [23.73]	65,000 [19.04]	81,000 [23.73]	65,000 [19.04]
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 (%)	82	82	82	82
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]

See Page 33 for Notes.

[] 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]	65,000 [19.04]	81,000 [23.73]	81,000 [23.73]	65,000 [19.04]
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 (%)	82	82	82	82
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]

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[] 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 (%)	82	82	82	82
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 33 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]	81,000 [23.73]	81,000 [23.73]	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 (%)	82	82	82	82
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]

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[] 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]	81,000 [23.73]	81,000 [23.73]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	45-75 [25-41.7]
AFUE % ⁴	81	81
Steady State Efficiency (%)	82	82
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		
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		
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		
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 33 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]	65,000 [19.04]	65,000 [19.04]
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 (%)	82	82	82	82
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	024AJV061AA	024AJV06XAA	024AJV081AA	024AJV08XAA
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]	65,000 [19.04]	65,000 [19.04]
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 (%)	82	82	82	82
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]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]
Refrigerant Charge Oz. [g]	42.6 [1208]	42.6 [1208]	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]	65,000 [19.04]	65,000 [19.04]
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 (%)	82	82	82	82
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	030AJV061AA	030AJV06XAA	030AJV081AA	030AJV08XAA
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]	65,000 [19.04]	65,000 [19.04]
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 (%)	82	82	82	82
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	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	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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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]	48,000 [14.06]	65,000 [19.04]	81,000 [23.73]	48,000 [14.06]
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 (%)	82	82	82	82
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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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]	65,000 [19.04]	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 (%)	82	82	82	82
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]

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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]	65,000 [19.04]	65,000 [19.04]	81,000 [23.73]	81,000 [23.73]
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 (%)	82	82	82	82
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]

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[] Designates Metric Conversions

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

Model RGEA15 Series	036AJV061AA	036AJV06XAA	036AJV081AA	036AJV08XAA
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]	60,000 [17.58]	80,000 [23.44]	80,000 [23.44]
Heating Output Btu [kW]	48,000 [14.06]	48,000 [14.06]	65,000 [19.04]	65,000 [19.04]
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 (%)	82	82	82	82
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]	1/10x9 [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	3/4	3/4
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	52.7 [1494]	52.7 [1494]	52.7 [1494]	52.7 [1494]
Weights				
Net Weight lbs. [kg]	411 [186]	411 [186]	416 [189]	416 [189]
Ship Weight lbs. [kg]	421 [191]	421 [191]	426 [193]	426 [193]

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[] Designates Metric Conversions

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

Model RGEA15 Series	036AJV101AA	036AJV10XAA	042ACT081AA	042ACT101AA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	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]	1200/1200 [566/566]	1200/1200 [566/566]	1400/1300 [661/613]	1400/1300 [661/613]
AHRI Net Cooling Capacity Btu [kW]	35,000 [10.25]	35,000 [10.25]	40,000 [11.72]	40,000 [11.72]
Net Sensible Capacity Btu [kW]	25,400 [7.44]	25,400 [7.44]	28,600 [8.38]	28,600 [8.38]
Net Latent Capacity Btu [kW]	9,600 [2.81]	9,600 [2.81]	11,400 [3.34]	11,400 [3.34]
Net System Power kW	2.77	2.77	3.28	3.28
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]	81,000 [23.73]	81,000 [23.73]	65,000 [19.04]	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 (%)	82	82	82	82
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]	1/10x9 [254x229]	1/10x9 [254x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1050	1050	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	52.7 [1494]	52.7 [1494]	61.3 [1738]	61.3 [1738]
Weights				
Net Weight lbs. [kg]	421 [191]	421 [191]	445 [202]	450 [204]
Ship Weight lbs. [kg]	431 [196]	431 [196]	455 [206]	460 [209]

See Page 33 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	042AJT081AA	042AJT08XAA	042AJT101AA	042AJT10XAA
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]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	65,000 [19.04]	65,000 [19.04]	81,000 [23.73]	81,000 [23.73]
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 (%)	82	82	82	82
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]	445 [202]	450 [204]	450 [204]
Ship Weight lbs. [kg]	455 [206]	455 [206]	460 [209]	460 [209]

See Page 33 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	042AJV081AA	042AJV08XAA	042AJV101AA	042AJV10XAA
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]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	65,000 [19.04]	65,000 [19.04]	81,000 [23.73]	81,000 [23.73]
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 (%)	82	82	82	82
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]	1/10x9 [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	3/4	3/4	3/4	3/4
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	61.3 [1738]	61.3 [1738]	61.3 [1738]	61.3 [1738]
Weights				
Net Weight lbs. [kg]	445 [202]	445 [202]	450 [204]	450 [204]
Ship Weight lbs. [kg]	455 [206]	455 [206]	460 [209]	460 [209]

See Page 33 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	048ACT081AA	048ACT101AA	048ADT101AA	048AJT081AA
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]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]	80,000 [23.44]
Heating Output Btu [kW]	65,000 [19.04]	81,000 [23.73]	81,000 [23.73]	65,000 [19.04]
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 (%)	82	82	82	82
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]	0.7 [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]	492 [223]	497 [225]	497 [225]	492 [223]
Ship Weight lbs. [kg]	502 [228]	507 [230]	507 [230]	502 [228]

See Page 33 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	048AJT08XAA	048AJT101AA	048AJT10XAA	048AJV081AA
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]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]	80,000 [23.44]
Heating Output Btu [kW]	65,000 [19.04]	81,000 [23.73]	81,000 [23.73]	65,000 [19.04]
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 (%)	82	82	82	82
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	1
Motor RPM	1075	1075	1075	1050
Motor Frame Size	48	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	85.3 [2418]	85.3 [2418]	85.3 [2418]	85.3 [2418]
Weights				
Net Weight lbs. [kg]	492 [223]	497 [225]	497 [225]	492 [223]
Ship Weight lbs. [kg]	502 [228]	507 [230]	507 [230]	502 [228]

See Page 33 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	048AJV08XAA	048AJV101AA	048AJV10XAA
Cooling Performance¹			CONTINUED →
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]
EER/SEER ²	42719	42719	42719
Nominal CFM/AHRI Rated CFM [L/s]	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]
Net Sensible Capacity Btu [kW]	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]
Net System Power kW	3.66	3.66	3.66
Heating Performance (Gas)³			
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	65,000 [19.04]	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]
AFUE % ⁴	81	81	81
Steady State Efficiency (%)	82	82	82
No. Burners	4	4	4
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	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	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]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil—Fin Type	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1
CFM [L/s]	3300 [1557]	3300 [1557]	3300 [1557]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple
No. Motors	1	1	1
Motor HP	1	1	1
Motor RPM	1050	1050	1050
Motor Frame Size	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	85.3 [2418]	85.3 [2418]	85.3 [2418]
Weights			
Net Weight lbs. [kg]	492 [223]	497 [225]	497 [225]
Ship Weight lbs. [kg]	502 [228]	507 [230]	507 [230]

See Page 33 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	060ACT101AA	060ADT101AA	060AJT101AA	060AJT10XAA
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity (2nd Stage) Btu [kW]	59,500 [17.43]	59,500 [17.43]	59,500 [17.43]	59,500 [17.43]
SEER ²	15	15	15	15
EER (1st Stage/2nd Stage)	20/11	20/11	20/11	20/11
AHRI Rated CFM (1st / 2nd stage) [L/s]	1250/1850 [590/873]	1250/1850 [590/873]	1250/1850 [590/873]	1250/1850 [590/873]
AHRI Net Cooling Capacity (1st / 2nd stage) Btu [kW]	49,500/57,000 [14.5/16.7]	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 Sensible Capacity (1st / 2nd stage) Btu [kW]	33,800/40,700 [9.9/11.92]	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 Latent Capacity (1st / 2nd stage) Btu [kW]	15,700/16,300 [4.6/4.78]	15,700/16,300 [4.6/4.78]	15,700/16,300 [4.6/4.78]	15,700/16,300 [4.6/4.78]
Net System Power (1st / 2nd stage) kW	2.14/5.02	2.14/5.02	2.14/5.02	2.14/5.02
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]	81,000 [23.73]	81,000 [23.73]	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 (%)	82	82	82	82
No. Burners	5	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]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	15.3 [1.42]	15.3 [1.42]	15.3 [1.42]	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 [0.37]	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	1	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)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]
Refrigerant Charge Oz. [g]	89.6 [2540]	89.6 [2540]	89.6 [2540]	89.6 [2540]
Weights				
Net Weight lbs. [kg]	515 [234]	515 [234]	515 [234]	515 [234]
Ship Weight lbs. [kg]	525 [238]	525 [238]	525 [238]	525 [238]

See Page 33 for Notes.

[] Designates Metric Conversions

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

Model RGEA15 Series	060AJV101AA	060AJV10XAA
Cooling Performance¹		
Gross Cooling Capacity (2nd Stage) Btu [kW]	59,500 [17.43]	59,500 [17.43]
SEER ²	15	15
EER (1st Stage/2nd Stage)	20/11	20/11
AHRI Rated CFM (1st / 2nd stage) [L/s]	1250/1850 [590/873]	1250/1850 [590/873]
AHRI Net Cooling Capacity (1st / 2nd stage) Btu [kW]	49,500/57,000 [14.5/16.7]	49,500/57,000 [14.5/16.7]
Net Sensible Capacity (1st / 2nd stage) Btu [kW]	33,800/40,700 [9.9/11.92]	33,800/40,700 [9.9/11.92]
Net Latent Capacity (1st / 2nd stage) Btu [kW]	15,700/16,300 [4.6/4.78]	15,700/16,300 [4.6/4.78]
Net System Power (1st / 2nd stage) kW	2.14/5.02	2.14/5.02
Heating Performance (Gas)³		
Heating Input Btu [kW]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	81,000 [23.73]	81,000 [23.73]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	45-75 [25-41.7]
AFUE % ⁴	81	81
Steady State Efficiency (%)	82	82
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		
	78	78
Outdoor Coil—Fin Type		
Tube Type	Louvered	Louvered
MicroChannel Depth in. [mm]	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	1 [25.4]	1 [25.4]
Rows / FPI [FPcm]	15.3 [1.42]	15.3 [1.42]
	1 / 23 [9]	1 / 23 [9]
Indoor Coil—Fin Type		
Tube Type	Louvered	Louvered
MicroChannel Depth in. [mm]	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	1.26 [32]	1.26 [32]
Rows / FPI [FPcm]	4 [0.37]	4 [0.37]
Refrigerant Control	1 / 20 [8]	1 / 20 [8]
Drain Connection No./Size in. [mm]	TX Valves	TX Valves
	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type		
No. Used/Diameter in. [mm]	Propeller	Propeller
Drive Type/No. Speeds	1/22 [558.8]	1/22 [558.8]
CFM [L/s]	Direct/1	Direct/1
No. Motors/HP	3300 [1557]	3300 [1557]
Motor RPM	1 at 1/3 HP	1 at 1/3 HP
	1075	1075
Indoor Fan—Type		
No. Used/Diameter in. [mm]	FC Centrifugal	FC Centrifugal
Drive Type	1/12x9 [305x229]	1/12x9 [305x229]
No. Speeds	Direct	Direct
No. Motors	Multiple	Multiple
Motor HP	1	1
Motor RPM	1	1
Motor Frame Size	1050	1050
	48	48
Filter—Type		
Furnished	Field Supplied	Field Supplied
(NO.) Size Recommended in. [mm x mm x mm]	No	No
	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]
Refrigerant Charge Oz. [g]		
	89.6 [2540]	89.6 [2540]
Weights		
Net Weight lbs. [kg]	515 [234]	515 [234]
Ship Weight lbs. [kg]	525 [238]	525 [238]

See Page 33 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—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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] 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] ①			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]	44.3 [13.0]	43.5 [12.8]	42.3 [12.4]	41.4 [12.1]	40.6 [11.9]	39.5 [11.6]	38.3 [11.2]	37.6 [11.0]	36.6 [10.7]
		Sens BTUH [kW]	25.4 [7.4]	24.2 [7.1]	22.5 [6.6]	29.6 [8.7]	28.3 [8.3]	26.3 [7.7]	32.8 [9.6]	31.3 [9.2]	29.1 [8.5]
		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]	43.0 [12.6]	42.2 [12.4]	41.1 [12.0]	40.0 [11.7]	39.3 [11.5]	38.2 [11.2]	37.0 [10.8]	36.3 [10.6]	35.3 [10.3]
		Sens BTUH [kW]	24.7 [7.2]	23.6 [6.9]	21.9 [6.4]	28.9 [8.5]	27.6 [8.1]	25.7 [7.5]	32.1 [9.4]	30.7 [9.0]	28.5 [8.4]
		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]	41.7 [12.2]	40.9 [12.0]	39.8 [11.7]	38.7 [11.3]	38.0 [11.1]	37.0 [10.8]	35.6 [10.4]	35.0 [10.3]	34.0 [10.0]
		Sens BTUH [kW]	24.0 [7.0]	22.9 [6.7]	21.3 [6.2]	28.2 [8.3]	27.0 [7.9]	25.1 [7.3]	31.4 [9.2]	30.0 [8.8]	27.9 [8.2]
		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]	40.3 [11.8]	39.6 [11.6]	38.5 [11.3]	37.3 [10.9]	36.7 [10.7]	35.7 [10.5]	34.3 [10.0]	33.7 [9.9]	32.7 [9.6]
Sens BTUH [kW]		23.2 [6.8]	22.2 [6.5]	20.7 [6.1]	27.5 [8.1]	26.3 [7.7]	24.4 [7.2]	30.7 [9.0]	29.3 [8.6]	27.3 [8.0]	
Power		2.4	2.4	2.3	2.4	2.4	2.3	2.4	2.4	2.3	
95 [35]	Total BTUH [kW]	38.9 [11.4]	38.3 [11.2]	37.2 [10.9]	36.0 [10.5]	35.3 [10.4]	34.4 [10.1]	32.9 [9.6]	32.3 [9.5]	31.4 [9.2]	
	Sens BTUH [kW]	22.5 [6.6]	21.5 [6.3]	20.0 [5.9]	26.7 [7.8]	25.5 [7.5]	23.7 [7.0]	29.9 [8.8]	28.6 [8.4]	26.6 [7.8]	
	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]	37.6 [11.0]	36.9 [10.8]	35.9 [10.5]	34.6 [10.1]	34.0 [10.0]	33.0 [9.7]	31.5 [9.2]	30.9 [9.1]	30.1 [8.8]	
	Sens BTUH [kW]	21.7 [6.4]	20.7 [6.1]	19.3 [5.7]	25.9 [7.6]	24.8 [7.3]	23.0 [6.8]	29.1 [8.5]	27.8 [8.2]	25.9 [7.6]	
	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]	36.1 [10.6]	35.5 [10.4]	34.5 [10.1]	33.2 [9.7]	32.6 [9.5]	31.7 [9.3]	30.1 [8.8]	29.6 [8.7]	28.7 [8.4]	
	Sens BTUH [kW]	20.9 [6.1]	20.0 [5.8]	18.6 [5.4]	25.1 [7.4]	24.0 [7.0]	22.3 [6.5]	28.3 [8.3]	27.1 [7.9]	25.2 [7.4]	
	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]	34.7 [10.2]	34.1 [10.0]	33.2 [9.7]	31.7 [9.3]	31.2 [9.1]	30.3 [8.9]	28.7 [8.4]	28.2 [8.3]	27.4 [8.0]	
	Sens BTUH [kW]	20.1 [5.9]	19.2 [5.6]	17.8 [5.2]	24.3 [7.1]	23.2 [6.8]	21.6 [6.3]	27.5 [8.1]	26.3 [7.7]	24.4 [7.2]	
	Power	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
115 [46.1]	Total BTUH [kW]	33.3 [9.8]	32.7 [9.6]	31.8 [9.3]	30.3 [8.9]	29.8 [8.7]	28.9 [8.5]	27.2 [8.0]	26.7 [7.8]	26.0 [7.6]	
	Sens BTUH [kW]	19.2 [5.6]	18.3 [5.4]	17.0 [5.0]	23.4 [6.9]	22.4 [6.6]	20.8 [6.1]	26.6 [7.8]	25.4 [7.5]	23.7 [6.9]	
	Power	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	
120 [48.9]	Total BTUH [kW]	31.8 [9.3]	31.2 [9.2]	30.4 [8.9]	28.8 [8.5]	28.3 [8.3]	27.5 [8.1]	25.8 [7.5]	25.3 [7.4]	24.6 [7.2]	
	Sens BTUH [kW]	18.3 [5.4]	17.5 [5.1]	16.3 [4.8]	22.5 [6.6]	21.5 [6.3]	20.0 [5.9]	25.7 [7.5]	24.6 [7.2]	22.9 [6.7]	
	Power	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	
125 [51.7]	Total BTUH [kW]	30.3 [8.9]	29.8 [8.7]	29.0 [8.5]	27.4 [8.0]	26.9 [7.9]	26.1 [7.7]	24.3 [7.1]	23.8 [7.0]	23.2 [6.8]	
	Sens BTUH [kW]	17.4 [5.1]	16.6 [4.9]	15.4 [4.5]	21.6 [6.3]	20.7 [6.1]	19.2 [5.6]	24.3 [7.1]	23.7 [6.9]	22.0 [6.5]	
	Power	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] 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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] 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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] 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]	72.1 [21.1]	70.8 [20.7]	68.8 [20.2]	67.8 [19.9]	66.6 [19.5]	64.7 [19.0]	63.6 [18.6]	62.4 [18.3]	60.7 [17.8]
		Sens BTUH [kW]	40.6 [11.9]	38.8 [11.4]	36.0 [10.6]	47.8 [14.0]	45.7 [13.4]	42.4 [12.4]	54.4 [16.0]	52.0 [15.2]	48.3 [14.2]
		Power	3.5	3.5	3.5	3.5	3.5	3.4	3.5	3.5	3.4
	80 [26.7]	Total BTUH [kW]	70.3 [20.6]	69.0 [20.2]	67.1 [19.7]	66.0 [19.3]	64.8 [19.0]	63.0 [18.5]	61.8 [18.1]	60.7 [17.8]	59.0 [17.3]
		Sens BTUH [kW]	39.6 [11.6]	37.8 [11.1]	35.1 [10.3]	46.7 [13.7]	44.7 [13.1]	41.5 [12.2]	53.4 [15.6]	51.0 [15.0]	47.4 [13.9]
		Power	3.7	3.7	3.7	3.7	3.7	3.6	3.7	3.6	3.6
	85 [29.4]	Total BTUH [kW]	68.4 [20.0]	67.1 [19.7]	65.3 [19.1]	64.1 [18.8]	62.9 [18.4]	61.2 [17.9]	59.9 [17.5]	58.8 [17.2]	57.2 [16.7]
		Sens BTUH [kW]	38.5 [11.3]	36.8 [10.8]	34.1 [10.0]	45.7 [13.4]	43.6 [12.8]	40.5 [11.9]	52.3 [15.3]	50.0 [14.6]	46.4 [13.6]
		Power	4.0	3.9	3.9	3.9	3.9	3.8	3.9	3.9	3.8
	90 [32.2]	Total BTUH [kW]	66.4 [19.5]	65.2 [19.1]	63.4 [18.6]	62.1 [18.2]	61.0 [17.9]	59.3 [17.4]	57.9 [17.0]	56.8 [16.7]	55.3 [16.2]
		Sens BTUH [kW]	37.3 [10.9]	35.7 [10.5]	33.1 [9.7]	44.5 [13.1]	42.6 [12.5]	39.5 [11.6]	51.2 [15.0]	48.9 [14.3]	45.4 [13.3]
		Power	4.2	4.1	4.1	4.2	4.1	4.1	4.1	4.1	4.0
	95 [35]	Total BTUH [kW]	64.3 [18.8]	63.2 [18.5]	61.4 [18.0]	60.0 [17.6]	58.9 [17.3]	57.3 [16.8]	55.8 [16.4]	54.8 [16.1]	53.3 [15.6]
		Sens BTUH [kW]	36.2 [10.6]	34.6 [10.1]	32.1 [9.4]	43.4 [12.7]	41.4 [12.1]	38.5 [11.3]	50.0 [14.7]	47.8 [14.0]	44.4 [13.0]
		Power	4.4	4.4	4.3	4.4	4.4	4.3	4.4	4.3	4.3
	100 [37.8]	Total BTUH [kW]	62.1 [18.2]	61.0 [17.9]	59.3 [17.4]	57.9 [17.0]	56.8 [16.7]	55.2 [16.2]	53.6 [15.7]	52.7 [15.4]	51.2 [15.0]
		Sens BTUH [kW]	35.0 [10.3]	33.4 [9.8]	31.0 [9.1]	42.2 [12.4]	40.3 [11.8]	37.4 [11.0]	48.8 [14.3]	46.7 [13.7]	43.3 [12.7]
		Power	4.7	4.7	4.6	4.7	4.6	4.6	4.7	4.6	4.5
	105 [40.6]	Total BTUH [kW]	59.9 [17.5]	58.8 [17.2]	57.2 [16.8]	55.6 [16.3]	54.6 [16.0]	53.1 [15.6]	51.4 [15.1]	50.5 [14.8]	49.1 [14.4]
		Sens BTUH [kW]	33.8 [9.9]	32.3 [9.5]	30.0 [8.8]	41.0 [12.0]	39.1 [11.5]	36.3 [10.6]	47.6 [14.0]	45.5 [13.3]	42.2 [12.4]
		Power	5.0	5.0	4.9	5.0	4.9	4.9	4.9	4.9	4.8
	110 [43.3]	Total BTUH [kW]	57.6 [16.9]	56.5 [16.6]	55.0 [16.1]	53.3 [15.6]	52.3 [15.3]	50.9 [14.9]	49.0 [14.4]	48.2 [14.1]	46.8 [13.7]
		Sens BTUH [kW]	32.5 [9.5]	31.0 [9.1]	28.8 [8.4]	39.7 [11.6]	37.9 [11.1]	35.2 [10.3]	46.3 [13.6]	44.3 [13.0]	41.1 [12.0]
		Power	5.3	5.3	5.2	5.3	5.2	5.2	5.2	5.2	5.1
	115 [46.1]	Total BTUH [kW]	55.1 [16.2]	54.1 [15.9]	52.6 [15.4]	50.8 [14.9]	49.9 [14.6]	48.5 [14.2]	46.6 [13.7]	45.8 [13.4]	44.5 [13.0]
		Sens BTUH [kW]	31.2 [9.1]	29.8 [8.7]	27.7 [8.1]	38.4 [11.2]	36.7 [10.7]	34.0 [10.0]	45.0 [13.2]	43.0 [12.6]	40.0 [11.7]
		Power	5.6	5.6	5.5	5.6	5.5	5.5	5.6	5.5	5.4
	120 [48.9]	Total BTUH [kW]	52.6 [15.4]	51.7 [15.1]	50.2 [14.7]	48.3 [14.2]	47.5 [13.9]	46.1 [13.5]	44.1 [12.9]	43.3 [12.7]	42.1 [12.3]
		Sens BTUH [kW]	29.8 [8.7]	28.5 [8.4]	26.5 [7.8]	37.0 [10.8]	35.4 [10.4]	32.8 [9.6]	43.7 [12.8]	41.7 [12.2]	38.8 [11.4]
		Power	6.0	5.9	5.8	5.9	5.9	5.8	5.9	5.9	5.8
	125 [51.7]	Total BTUH [kW]	50.0 [14.7]	49.1 [14.4]	47.8 [14.0]	45.7 [13.4]	44.9 [13.2]	43.7 [12.8]	41.5 [12.2]	40.8 [11.9]	39.6 [11.6]
		Sens BTUH [kW]	28.5 [8.3]	27.2 [8.0]	25.2 [7.4]	35.6 [10.4]	34.1 [10.0]	31.6 [9.3]	41.5 [12.2]	40.4 [11.8]	37.5 [11.0]
		Power	6.3	6.3	6.2	6.3	6.2	6.2	6.3	6.2	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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] 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] Sens BTUH [kW] Power	44.8 [13.1] 26.2 [7.7] 2.0	44.0 [12.9] 25.0 [7.3] 2.0	42.8 [12.5] 23.3 [6.8] 2.0	41.9 [12.3] 30.6 [9.0] 2.0	41.1 [12.1] 29.2 [8.6] 2.0	40.0 [11.7] 27.2 [8.0] 2.0	38.9 [11.4] 33.9 [9.9] 2.0	38.2 [11.2] 32.4 [9.5] 2.0	37.2 [10.9] 30.1 [8.8] 2.0
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	43.5 [12.8] 25.4 [7.5] 2.1	42.7 [12.5] 24.3 [7.1] 2.1	41.6 [12.2] 22.6 [6.6] 2.1	40.6 [11.9] 29.9 [8.7] 2.1	39.9 [11.7] 28.5 [8.4] 2.1	38.8 [11.4] 26.5 [7.8] 2.1	37.6 [11.0] 33.2 [9.7] 2.1	36.9 [10.8] 31.7 [9.3] 2.1	35.9 [10.5] 29.5 [8.6] 2.1
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	42.2 [12.4] 24.7 [7.2] 2.3	41.4 [12.1] 23.6 [6.9] 2.2	40.3 [11.8] 21.9 [6.4] 2.2	39.3 [11.5] 29.1 [8.5] 2.2	38.6 [11.3] 27.8 [8.1] 2.2	37.5 [11.0] 25.9 [7.6] 2.2	36.3 [10.6] 32.4 [9.5] 2.2	35.6 [10.4] 31.0 [9.1] 2.2	34.6 [10.2] 28.8 [8.4] 2.2
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	40.9 [12.0] 23.9 [7.0] 2.4	40.1 [11.8] 22.9 [6.7] 2.4	39.0 [11.4] 21.3 [6.2] 2.3	37.9 [11.1] 28.3 [8.3] 2.4	37.2 [10.9] 27.1 [7.9] 2.4	36.2 [10.6] 25.2 [7.4] 2.3	34.9 [10.2] 31.6 [9.3] 2.4	34.3 [10.1] 30.2 [8.9] 2.3	33.4 [9.8] 28.1 [8.2] 2.3
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	39.5 [11.6] 23.1 [6.8] 2.5	38.8 [11.4] 22.1 [6.5] 2.5	37.7 [11.1] 20.6 [6.0] 2.5	36.6 [10.7] 27.5 [8.1] 2.5	35.9 [10.5] 26.3 [7.7] 2.5	34.9 [10.2] 24.5 [7.2] 2.5	33.6 [9.8] 30.9 [9.0] 2.5	33.0 [9.7] 29.5 [8.6] 2.5	32.1 [9.4] 27.4 [8.0] 2.5
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	38.1 [11.2] 22.3 [6.5] 2.7	37.5 [11.0] 21.3 [6.3] 2.7	36.4 [10.7] 19.9 [5.8] 2.6	35.2 [10.3] 26.7 [7.8] 2.7	34.6 [10.1] 25.6 [7.5] 2.7	33.6 [9.9] 23.8 [7.0] 2.6	32.2 [9.4] 30.1 [8.8] 2.7	31.6 [9.3] 28.7 [8.4] 2.6	30.8 [9.0] 26.7 [7.8] 2.6
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	36.8 [10.8] 21.5 [6.3] 2.9	36.1 [10.6] 20.6 [6.0] 2.8	35.1 [10.3] 19.1 [5.6] 2.8	33.8 [9.9] 25.9 [7.6] 2.8	33.2 [9.7] 24.8 [7.3] 2.8	32.3 [9.5] 23.0 [6.7] 2.8	30.8 [9.0] 29.2 [8.6] 2.8	30.3 [8.9] 27.9 [8.2] 2.8	29.5 [8.6] 26.0 [7.6] 2.8
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	35.4 [10.4] 20.7 [6.1] 3.0	34.7 [10.2] 19.8 [5.8] 3.0	33.8 [9.9] 18.4 [5.4] 3.0	32.4 [9.5] 25.1 [7.4] 3.0	31.9 [9.3] 24.0 [7.0] 3.0	31.0 [9.1] 22.3 [6.5] 3.0	29.4 [8.6] 28.4 [8.3] 3.0	28.9 [8.5] 27.1 [8.0] 3.0	28.1 [8.2] 25.2 [7.4] 2.9
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	34.0 [10.0] 19.8 [5.8] 3.2	33.4 [9.8] 18.9 [5.5] 3.2	32.4 [9.5] 17.6 [5.2] 3.2	31.0 [9.1] 24.2 [7.1] 3.2	30.5 [8.9] 23.1 [6.8] 3.2	29.6 [8.7] 21.5 [6.3] 3.1	28.0 [8.2] 27.5 [8.1] 3.2	27.5 [8.1] 26.3 [7.7] 3.2	26.8 [7.8] 24.5 [7.2] 3.1
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	32.5 [9.5] 18.9 [5.6] 3.4	32.0 [9.4] 18.1 [5.3] 3.4	31.1 [9.1] 16.8 [4.9] 3.4	29.6 [8.7] 23.3 [6.8] 3.4	29.1 [8.5] 22.3 [6.5] 3.4	28.3 [8.3] 20.7 [6.1] 3.3	26.6 [7.8] 26.6 [7.8] 3.4	26.1 [7.7] 25.5 [7.5] 3.4	25.4 [7.4] 23.7 [6.9] 3.3
125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	31.1 [9.1] 18.0 [5.3] 3.6	30.5 [9.0] 17.2 [5.1] 3.6	29.7 [8.7] 16.0 [4.7] 3.6	28.2 [8.3] 22.4 [6.6] 3.6	27.7 [8.1] 21.4 [6.3] 3.6	26.9 [7.9] 19.9 [5.8] 3.6	25.2 [7.4] 25.2 [7.4] 3.6	24.7 [7.2] 24.6 [7.2] 3.6	24.1 [7.0] 22.9 [6.7] 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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] 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]	73.0 [21.4]	71.7 [21.0]	69.7 [20.4]	69.2 [20.3]	67.9 [19.9]	66.0 [19.3]	65.8 [19.3]	64.6 [18.9]	62.8 [18.4]
		Sens BTUH [kW]	42.4 [12.4]	40.5 [11.9]	37.6 [11.0]	50.0 [14.6]	47.7 [14.0]	44.3 [13.0]	56.9 [16.7]	54.3 [15.9]	50.5 [14.8]
		Power	3.6	3.6	3.5	3.6	3.5	3.5	3.5	3.5	3.4
	80 [26.7]	Total BTUH [kW]	70.9 [20.8]	69.6 [20.4]	67.7 [19.8]	67.1 [19.6]	65.8 [19.3]	64.0 [18.8]	63.7 [18.7]	62.5 [18.3]	60.8 [17.8]
		Sens BTUH [kW]	41.3 [12.1]	39.4 [11.6]	36.6 [10.7]	48.8 [14.3]	46.6 [13.7]	43.3 [12.7]	55.8 [16.4]	53.2 [15.6]	49.5 [14.5]
		Power	3.8	3.7	3.7	3.7	3.7	3.6	3.7	3.7	3.6
	85 [29.4]	Total BTUH [kW]	68.8 [20.2]	67.6 [19.8]	65.7 [19.3]	64.9 [19.0]	63.7 [18.7]	62.0 [18.2]	61.5 [18.0]	60.4 [17.7]	58.8 [17.2]
		Sens BTUH [kW]	40.1 [11.8]	38.3 [11.2]	35.6 [10.4]	47.7 [14.0]	45.5 [13.3]	42.3 [12.4]	54.6 [16.0]	52.1 [15.3]	48.5 [14.2]
		Power	4.0	3.9	3.9	3.9	3.9	3.8	3.9	3.8	3.8
	90 [32.2]	Total BTUH [kW]	66.7 [19.5]	65.4 [19.2]	63.6 [18.6]	62.8 [18.4]	61.6 [18.1]	59.9 [17.6]	59.4 [17.4]	58.3 [17.1]	56.7 [16.6]
		Sens BTUH [kW]	38.9 [11.4]	37.2 [10.9]	34.5 [10.1]	46.5 [13.6]	44.3 [13.0]	41.2 [12.1]	53.4 [15.7]	51.0 [14.9]	47.4 [13.9]
		Power	4.2	4.1	4.1	4.1	4.1	4.0	4.1	4.0	4.0
	95 [35]	Total BTUH [kW]	64.5 [18.9]	63.3 [18.5]	61.5 [18.0]	60.6 [17.7]	59.5 [17.4]	57.8 [16.9]	57.2 [16.8]	56.1 [16.5]	54.6 [16.0]
		Sens BTUH [kW]	37.7 [11.0]	36.0 [10.5]	33.4 [9.8]	45.2 [13.3]	43.2 [12.6]	40.1 [11.8]	52.2 [15.3]	49.8 [14.6]	46.3 [13.6]
		Power	4.4	4.3	4.3	4.3	4.3	4.2	4.3	4.3	4.2
	100 [37.8]	Total BTUH [kW]	62.2 [18.2]	61.1 [17.9]	59.4 [17.4]	58.3 [17.1]	57.3 [16.8]	55.7 [16.3]	55.0 [16.1]	54.0 [15.8]	52.5 [15.4]
		Sens BTUH [kW]	36.4 [10.7]	34.7 [10.2]	32.3 [9.5]	43.9 [12.9]	41.9 [12.3]	39.0 [11.4]	50.9 [14.9]	48.6 [14.2]	45.1 [13.2]
		Power	4.6	4.6	4.5	4.6	4.5	4.5	4.5	4.5	4.4
	105 [40.6]	Total BTUH [kW]	60.0 [17.6]	58.9 [17.3]	57.3 [16.8]	56.1 [16.4]	55.1 [16.1]	53.5 [15.7]	52.7 [15.4]	51.8 [15.2]	50.3 [14.7]
		Sens BTUH [kW]	35.1 [10.3]	33.5 [9.8]	31.1 [9.1]	42.6 [12.5]	40.7 [11.9]	37.8 [11.1]	49.6 [14.5]	47.3 [13.9]	44.0 [12.9]
		Power	4.9	4.8	4.8	4.8	4.8	4.7	4.8	4.8	4.7
	110 [43.3]	Total BTUH [kW]	57.7 [16.9]	56.6 [16.6]	55.1 [16.1]	53.8 [15.8]	52.8 [15.5]	51.4 [15.1]	50.4 [14.8]	49.5 [14.5]	48.1 [14.1]
		Sens BTUH [kW]	33.7 [9.9]	32.2 [9.4]	29.9 [8.8]	41.2 [12.1]	39.3 [11.5]	36.6 [10.7]	48.2 [14.1]	46.0 [13.5]	42.7 [12.5]
		Power	5.2	5.1	5.0	5.1	5.1	5.0	5.1	5.0	5.0
	115 [46.1]	Total BTUH [kW]	55.4 [16.2]	54.4 [15.9]	52.9 [15.5]	51.5 [15.1]	50.5 [14.8]	49.2 [14.4]	48.1 [14.1]	47.2 [13.8]	45.9 [13.5]
		Sens BTUH [kW]	32.3 [9.5]	30.8 [9.0]	28.6 [8.4]	39.8 [11.7]	38.0 [11.1]	35.3 [10.3]	46.8 [13.7]	44.6 [13.1]	41.5 [12.2]
		Power	5.4	5.4	5.3	5.4	5.4	5.3	5.4	5.3	5.2
	120 [48.9]	Total BTUH [kW]	53.0 [15.5]	52.1 [15.3]	50.6 [14.8]	49.1 [14.4]	48.2 [14.1]	46.9 [13.7]	45.8 [13.4]	44.9 [13.2]	43.7 [12.8]
		Sens BTUH [kW]	30.8 [9.0]	29.4 [8.6]	27.3 [8.0]	38.4 [11.2]	36.6 [10.7]	34.0 [10.0]	45.3 [13.3]	43.2 [12.7]	40.2 [11.8]
		Power	5.8	5.7	5.6	5.7	5.7	5.6	5.7	5.6	5.5
	125 [51.7]	Total BTUH [kW]	50.7 [14.8]	49.7 [14.6]	48.4 [14.2]	46.8 [13.7]	45.9 [13.5]	44.6 [13.1]	43.4 [12.7]	42.6 [12.5]	41.4 [12.1]
		Sens BTUH [kW]	29.3 [8.6]	28.0 [8.2]	26.0 [7.6]	36.9 [10.8]	35.2 [10.3]	32.7 [9.6]	43.4 [12.7]	41.8 [12.3]	38.9 [11.4]
		Power	6.1	6.0	6.0	6.0	6.0	5.9	6.0	6.0	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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14 - 208 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 706 [333]	685 [323]	661 [312]	614 [290]	523 [247]	437 [206]	334 [158]			
							RPM 844	886	943	989	1036	1067	1095			
	High	High	60,000 [17.58]			High	CFM 925 [437]	874 [412]	813 [384]	763 [360]	681 [321]	534 [252]	441 [208]			
							RPM 1004	1027	1058	1070	1091	1116	1128			
2.5 [8.79]	Low			850 CFM / 1150 CFM	10x9 Blower 1/2 HP [372] 3 Speed (PSC Motor)	Low	Watts 253	238	220	210	192	167	155			
							CFM 967 [456]	947 [447]	892 [421]	813 [384]	740 [349]	681 [321]	613 [289]	504 [238]		
	Low	Low	60,000 [17.58]			Med	RPM 819	876	916	966	995	1018	1040	1066		
							Watts 339	322	302	279	261	246	230	205		
2.5 [8.79]	Low			850 CFM / 1150 CFM	10x9 Blower 1/2 HP [372] 3 Speed (PSC Motor)	Med	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		
	Low					High	Watts 391	375	354	330	297	278	263	241		
		High	80,000 [23.45]				CFM 1311 [619]	1249 [589]	1168 [551]	1089 [514]	985 [465]	861 [406]	779 [368]	699 [330]		
3.0 [10.55]	High			1000 CFM / 1400 CFM	12x9T Blower 1/2 HP [372] 2 Speed (PSC Motor)	Low	RPM 1010	1031	1046	1066	1080	1095	1106	1113		
							Watts 458	437	409	387	360	332	314	300		
	High					High	CFM 1163 [549]	1115 [526]	1075 [507]	1012 [478]	926 [437]	841 [397]	753 [355]	647 [305]		
		High	80,000 [23.45] 100,000 [29.31]				RPM 771	804	844	870	910	932	968	992		
3.5 [12.31]	High			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Low	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					High	RPM 939	957	975	1345	1251	1177	1037	1051		
							Watts 586	572	555	1345	1251	1177	481	459		
3.5 [12.31]	High			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Low	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		
	High					High	Watts 291	302	310	319	333	338	353	362		
							CFM 1346 [635]	1304 [615]	1264 [597]	1232 [581]	1185 [559]	1139 [538]	1092 [515]	1048 [495]		
3.5 [12.31]	High			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Low	RPM 819	850	883	906	944	972	1014	1047		
							Watts 291	302	310	319	333	338	353	362		
	High					High	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		
3.5 [12.31]	High			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Low	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]		
	High					High	RPM 819	850	883	906	944	972	1014	1047		
							Watts 291	302	310	319	333	338	353	362		
3.5 [12.31]	High			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Low	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		
	High					High	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]		
3.5 [12.31]	High			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Low	RPM 940	973	988	1020	1038	1068	1102	1122		
							Watts 461	475	484	497	503	516	527	531		
	High					High	CFM 1596 [753]	1547 [730]	1520 [717]	1499 [707]	1471 [694]	1421 [671]	1383 [653]	1332 [629]		
							RPM 940	973	988	1020	1038	1068	1102	1122		
3.5 [12.31]	High			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Low	Watts 461	475	484	497	503	516	527	531		
							CFM 1596 [753]	1547 [730]	1520 [717]	1499 [707]	1471 [694]	1421 [671]	1383 [653]	1332 [629]		
	High					High	RPM 940	973	988	1020	1038	1068	1102	1122		
							Watts 461	475	484	497	503	516	527	531		

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

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14 - 208 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	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
	Tap 5					Tap 2 80K	Watts	247	260	271	277	289	301	311	323	340	347
							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]	1583 [747]	1539 [726]	1512 [714]	1478 [698]	1422 [671]	1408 [665]	1354 [639]	1332 [629]
5.0 [17.59]	Tap 5		100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	RPM	870	895	919	949	969	1000	1032	1049	1071	1107
							Watts	408	423	433	445	455	464	477	483	496	507
							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
	Tap 5					Tap 1 100K Heat	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
							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
Tap 5					Tap 2 Unused	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	
						CFM	1884 [889]	1882 [888]	1841 [869]	1801 [850]	1760 [831]	1680 [793]	1651 [779]	1584 [748]	1508 [712]	1428 [674]	
Tap 5					Tap 4 Med Cool	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]	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 RGEA14 - 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]	696 [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	CFM 1093 [516]	1062 [501]	1001 [472]	930 [439]	815 [385]	728 [344]	663 [313]	571 [269]		
		Low	60,000 [17.58]				RPM 900	935	969	999	1030	1053	1064	1082		
	Low					Med	CFM 1239 [585]	1184 [559]	1114 [526]	1043 [492]	959 [453]	827 [390]	744 [351]	657 [310]		
		High	80,000 [23.45]				RPM 961	983	1006	1030	1052	1074	1084	1097		
3.0 [10.55]	High			1000 CFM / 1400 CFM	12x9T Blower 1/2 HP [372] 2 Speed (PSC Motor)	High	CFM 1362 [643]	1292 [610]	1213 [572]	1133 [535]	1027 [485]	872 [412]	800 [378]	700 [330]		
		High	80,000 [23.45] 100,000 [29.31]				RPM 1049	1061	1073	1085	1097	1109	1116	1124		
	High					Low	CFM 1310 [618]	1246 [588]	1186 [560]	1128 [532]	1038 [490]	955 [451]	847 [400]	738 [348]		
		Low	60,000 [17.58]				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 1 Unused	CFM 1644 [776]	1568 [740]	1488 [702]	1421 [671]	1330 [628]	1248 [589]	1133 [535]	1003 [473]		
		High	80,000 [23.45] 100,000 [29.31]				RPM 981	996	1009	1421	1330	1248	1058	1072		
	Tap 5					Tap 2 80K	CFM 1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]		
		Tap 2	80,000 [23.45]				RPM 827	856	874	913	949	983	1013	1048		
3.5 [12.31]	Tap 3			1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 3 100K	CFM 1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]		
		Tap 3	80,000 [23.45]				RPM 827	856	874	913	949	983	1013	1048		
	Tap 3					Tap 4 Low Static Cool	CFM 1453 [686]	1424 [672]	1395 [658]	1347 [636]	1321 [623]	1279 [604]	1250 [590]	1214 [573]		
		Tap 3	100,000 [29.31]				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 5 High Static Cool	CFM 1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]		
		Tap 5	80,000 [23.45]				RPM 827	856	874	913	949	983	1013	1048		
	Tap 5					Tap 5 High Static Cool	CFM 1591 [751]	1563 [738]	1558 [735]	1519 [717]	1490 [703]	1458 [688]	1410 [665]	1363 [643]		
		Tap 5	100,000 [29.31]				RPM 949	981	999	1027	1051	1086	1109	1129		
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]		
		Tap 5	100,000 [29.31]				RPM 949	981	999	1027	1051	1086	1109	1129		
	Tap 5					Tap 5 High Static Cool	CFM 1591 [751]	1563 [738]	1558 [735]	1519 [717]	1490 [703]	1458 [688]	1410 [665]	1363 [643]		
		Tap 5	100,000 [29.31]				RPM 949	981	999	1027	1051	1086	1109	1129		

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

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14 - 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]	
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
						Tap 2 80K	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]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	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	
					Tap 4 Low Static Cool	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 5 High Static Cool	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
						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 5	Tap 1	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	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
						Tap 3 Low Cool	CFM	1768 [834]	1730 [816]	1693 [799]	1626 [767]	1599 [755]	1558 [735]	1522 [718]	1503 [709]	1444 [681]	1399 [660]
							RPM	938	959	983	1011	1025	1052	1089	1090	1117	1134
							Watts	520	533	541	560	563	578	599	599	605	615
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	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 High 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	762	730	708	679	

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 RGEA14 - 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 [.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]
3.0 [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]
		RPM 823	849					901	932	953	979	999	1029	1055		
	High		80,000 [23.45] 100,000 [29.31]			High	Watts 505	491	481	464	447	439	422	404	393	378
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 1652 [780]	1596 [753]	1540 [727]	1481 [699]	1402 [662]	1320 [623]	1212 [572]	1132 [534]	1079 [509]	1004 [474]
							RPM 951	965	977	992	1007	1019	1036	1050	1063	1077
		Tap 3	Watts 670			658	642	625	600	580	561	539	523	504		
			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		
	Tap 5	Tap 2	80K		Tap 2 80K	Watts 287	295	317	317	331	351	361	365	370	399	
						CFM 1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1134 [535]	1066 [503]	
		Tap 4	Low Static Cool	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]			
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	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]			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 5	Tap 2		80,000 [23.45]	Tap 2 80K	CFM 1340 [632]	1305 [616]	1263 [596]	1227 [579]	1186 [560]	1162 [548]	1104 [521]	1020 [481]	960 [453]	897 [423]	
						RPM 776	796	831	869	898	925	966	1011	1044	1076	
		Tap 5			Watts 261	268	279	291	303	310	323	339	351	361		
					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		

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

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEA14 - 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]					
5.0 [17.59]	Tap 5	Tap 1	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				
	Tap 5	Tap 1								Tap 3 Low 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]
						Tap 4 Med 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				

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]
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]	Blower Size/ Motor HP [W] & Motor Type	Nominal Heating Capacity BTU/HR [kW]	Motor Speed	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]	10 x 9 Blower 1/2 HP [372 W] ECM	60,000 [17.58]	Heat	CFM	766 [362]	773 [365]	771 [364]	770 [363]	768 [362]	757 [357]	751 [354]	742 [350]	726 [343]
				RPM	649	746	829	897	946	1000	1046	1088	1133
				Watts	83	107	130	152	169	188	206	222	240
			Cool	CFM	891 [421]	902 [426]	910 [429]	906 [428]	912 [430]	906 [428]	903 [426]	891 [421]	876 [413]
				RPM	747	831	895	957	1017	1068	1111	1151	1186
	10 x 9 Blower 1/2 HP [372 W] ECM	80,000 [23.44]	Heat	Watts	123	152	176	200	225	247	268	288	302
				CFM	1189 [561]	1198 [565]	1203 [568]	1210 [571]	1212 [572]	1208 [570]	1193 [563]	1194 [564]	1146 [541]
				RPM	894	964	1008	1084	1142	1187	1234	1285	1301
			Cool	Watts	236	273	299	344	378	411	441	477	475
				CFM	891 [421]	902 [426]	910 [429]	906 [428]	912 [430]	906 [428]	903 [426]	891 [421]	876 [413]
2.5 [8.79]	10 x 9 Blower 1/2 HP [372 W] ECM	60,000 [17.58]	Heat	RPM	747	831	895	957	1017	1068	1111	1151	1186
				Watts	123	152	176	200	225	247	268	288	302
			Cool	CFM	766 [362]	773 [365]	771 [364]	770 [363]	768 [362]	757 [357]	751 [354]	742 [350]	726 [343]
				RPM	649	746	829	897	946	1000	1046	1088	1133
			Cool	Watts	83	107	130	152	169	188	206	222	240
	10 x 9 Blower 1/2 HP [372 W] ECM	80,000 [23.44]	Heat	CFM	959 [453]	973 [459]	978 [462]	981 [463]	985 [465]	974 [460]	966 [456]	962 [454]	952 [449]
				RPM	772	855	922	990	1052	1100	1142	1184	1219
				Watts	141	172	200	231	259	282	304	326	343
			Cool	CFM	1189 [561]	1198 [565]	1203 [568]	1210 [571]	1212 [572]	1208 [570]	1193 [563]	1194 [564]	1146 [541]
				RPM	894	964	1008	1084	1142	1187	1234	1285	1301

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]	Blower Size/ Motor HP [W] & Motor Type	Nominal Heating Capacity Btu/hr [kW]	Motor Speed	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]		
3.0 [10.55]	10 x 9 Blower 1/2 HP [372 W] ECM	60,000 [17.58]	Heat	CFM	766 [362]	773 [365]	771 [364]	770 [363]	768 [362]	757 [357]	751 [354]	742 [350]	726 [343]	715 [337]	
				RPM	649	746	829	897	946	1000	1046	1088	1133	1170	
				Watts	83	107	130	152	169	188	206	222	240	255	
	10 x 9 Blower 3/4 HP [559 W] ECM	80,000 [23.44] & 100,000 [29.3]	Cool	CFM	1189 [561]	1199 [566]	1204 [568]	1206 [569]	1210 [571]	1202 [567]	1209 [571]	1165 [550]	1125 [531]	1061 [501]	
				RPM	908	964	1024	1094	1144	1195	1234	1269	1290	1307	
				Watts	247	278	311	354	385	421	448	457	454	446	
3.5 [12.31]	10 x 9 Blower 3/4 HP [559 W] ECM	80,000 [23.44] & 100,000 [29.3]	Heat	CFM	1186 [560]	1191 [562]	1191 [562]	1199 [566]	1192 [563]	1182 [558]	1171 [553]	1156 [546]	1123 [530]	1045 [493]	
				RPM	904	974	1023	1077	1129	1174	1216	1263	1288	1292	
				Watts	235	271	296	326	354	379	400	430	425	413	
	10 x 9 Blower 3/4 HP [559 W] ECM	80,000 [23.44] & 100,000 [29.3]	Cool	CFM	1194 [564]	1200 [566]	1200 [566]	1208 [570]	1200 [566]	1190 [562]	1179 [556]	1165 [550]	1128 [532]	1045 [493]	
				RPM	910	981	1027	1083	1134	1179	1219	1267	1291	1294	
				Watts	239	276	300	332	359	384	405	435	428	414	
4.0 [14.07]	12 x 9 Blower 1 HP [746 W] ECM	80,000 [23.44] & 100,000 [29.3]	Heat	CFM	1206 [569]	1215 [573]	1219 [575]	1216 [574]	1218 [575]	1220 [576]	1216 [574]	1215 [573]	1205 [569]	1195 [564]	
				RPM	730	796	837	885	926	962	999	1038	1075	1112	
				Watts	199	238	261	292	317	342	368	397	427	457	
	12 x 9 Blower 1 HP [746 W] ECM	80,000 [23.44] & 100,000 [29.3]	Cool	CFM	1535 [724]	1545 [729]	1551 [732]	1554 [733]	1553 [733]	1553 [733]	1551 [732]	1548 [731]	1543 [728]	1532 [723]	
				RPM	873	923	967	1005	1052	1096	1124	1149	1180	1200	
				Watts	371	416	456	490	537	578	607	634	666	687	
5.0 [17.59]	12 x 9 Blower 1 HP [746 W] ECM	80,000 [23.44] & 100,000 [29.3]	Heat	CFM	1206 [569]	1215 [573]	1219 [575]	1216 [574]	1218 [575]	1220 [576]	1216 [574]	1215 [573]	1205 [569]	1195 [564]	
				RPM	730	796	837	885	926	962	999	1038	1075	1112	
				Watts	199	238	261	292	317	342	368	397	427	457	
	12 x 9 Blower 1 HP [746 W] ECM	100,000 [29.3]	1st Stage Cool	CFM	1248 [589]	1256 [593]	1262 [596]	1261 [595]	1262 [596]	1264 [597]	1261 [595]	1261 [595]	1253 [591]	1243 [587]	
				RPM	749	808	853	903	942	979	1014	1051	1086	1121	
				Watts	218	254	281	315	341	369	394	422	452	481	
12 x 9 Blower 1 HP [746 W] ECM	100,000 [29.3]	2nd Stage Cool	CFM	1837 [867]	1850 [873]	1850 [873]	1853 [875]	1854 [875]	1847 [872]	1834 [866]	1834 [866]	1824 [861]	1818 [858]		
			RPM	997	1053	1094	1128	1164	1202	1225	1256	1283	1305		
			Watts	604	670	719	762	810	860	872	889	927	956		

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 - 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 [.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]
3.0 [10.55]		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
	Tap 5					Tap 3 100K	Watts 287	295	317	317	331	351	361	365	370	399
							CFM 1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1134 [535]	1066 [503]
						Tap 4 Low Static Cool	RPM 844	867	892	927	961	991	1022	1052	1101	1130
							Watts 337	340	358	368	390	389	409	411	438	446
		Tap 3	100,000 [29.31]			Tap 5 High Static Cool	CFM 1163 [549]	1144 [540]	1086 [513]	1073 [506]	987 [466]	927 [437]	870 [411]	819 [387]		
							RPM 749	761	810	836	887	920	964	1005		
							Watts 202	205	217	230	248	248	266	271		
3.5 [12.31]				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
						Tap 2 80K	Watts 287	295	317	317	331	351	361	365	370	399
							CFM 1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1134 [535]	1066 [503]
						Tap 3 100K	RPM 844	867	892	927	961	991	1022	1052	1101	1130
	Tap 5					Tap 4 Low Static Cool	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 High Static Cool	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]				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

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 - 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 [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]	
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	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 5	Tap 3	Tap 4 100K	CFM	1467 [692]	1448 [683]	1404 [663]	1373 [648]	1339 [632]	1306 [616]	1250 [590]	1210 [571]	1164 [549]	1087 [513]			
				RPM	826	855	884	910	939	969	1003	1030	1067	1108			
				Watts	328	344	348	363	379	387	398	408	418	434			
				Tap 4 Low Static Cool	CFM	1634 [771]	1595 [753]	1547 [730]	1530 [722]	1487 [702]	1462 [690]	1438 [679]	1378 [650]	1352 [638]	1298 [613]		
					RPM	894	923	950	981	1000	1030	1051	1079	1106	1126		
5.0 [17.59]	1st Stage Tap 2	Tap 1 100K Heat	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 5 High Static Cool	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
		Tap 2 1st Stage Cool				Watts	708	725	729	727	717	696	673	647	618	571	
						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	
	2nd Stage Tap 5	Tap 1	Tap 3 Unused	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			
				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]			
2nd Stage Tap 5	Tap 1	Tap 4 2nd stage Low Static Cool	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]				
			RPM	1030	1042	1061	1082	1100	1121	1130	1133	1138	1146				
			Watts	664	673	683	696	704	700	697	684	667	635				
2nd Stage Tap 5	Tap 1	Tap 5 2nd Stage High Static 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				

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

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.

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

		024AJT***AA	024AJV***AA	030AJT***AA	030AJV***AA	036ACT***AA	036ADT***AA	036AJT***AA	036AJV060AA	036AJV080AA 036AJV100AA
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	414-506	187-253	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	208/230	460	208/230	208/230	208/230
	Phase	1	1	1	1	3	3	1	1	1
	Hz	60	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	19	19	21	21	17	10	24	23	24
	Minimum Overcurrent Protection Device Size	20	25	25	25	20	15	25	30	30
	Maximum Overcurrent Protection Device Size	25	30	30	30	25	15	35	35	35
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460	208/230	208/230	208/230
	Phase	1	1	1	1	3	3	1	1	1
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	2 1/6	2 1/6	2 2/3	2 2/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3
	Amps (RLA), Comp. 1	11.2	11.2	12.8	12.8	9	5.6	14.1	14.1	14.1
	Amps (LRA), Comp. 1	60.8	60.8	64	64	71	38	77	77	77
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460	208/230	208/230	208/230
	Phase	1	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	1/3
	Amps (FLA, each)	1.5	1.5	1.5	1.5	1.5	0.8	1.5	1.5	1.5
	Amps (LRA, each)	3	3	3	3	3	1.6	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460/460	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Amps (FLA, each)	2.8	3.5	2.8	3.5	4.1	2.1	4.1	3.5	4.0
	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

		042ACT***AA	042AJT***AA	042AJV***AA	048ACT***AA	048ADT***AA	048AJT***AA	048AJV***AA	060ACT***AA	060ADT***AA
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	414-506	187-253	187-253	197-253	414-506
	Volts	208/230	208/230	208/230	208/230	460	208/230	208/230	208/230	460
	Phase	3	1	1	3	3	1	1	3	3
	Hz	60	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	24	30	28	25	12	33	34	30	15
	Minimum Overcurrent Protection Device Size	25	30	35	25	35	35	40	50	20
Compressor Motor	Maximum Overcurrent Protection Device Size	35	45	45	35	15	50	50	45	20
	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	208/230	208/230	208/230	460
	Phase	3	1	1	3	1	1	1	3	3
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	3 1/2	3 1/2	3 1/2	4	4	4	4	5	5
Condenser Motor	Amps (RLA), Comp. 1	13.2	17.9	17.9	13.1	6.1	19.9	19.9	16.2	7.6
	Amps (LRA), Comp. 1	88	112	112	83.1	43	109	109	110	52
	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	208/230	208/230	208/230	460
	Phase	1	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	1/3
Evaporator Fan	Amps (FLA, each)	1.5	1.5	1.5	2	1	2	2	2	1
	Amps (LRA, each)	3	3	3	3.9	3.9	3.9	3.9	3.9	2.2
	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	208/230	208/230	208/230	460/460
	Phase	1	1	1	1	1	1	1	1	1
	HP	3/4	3/4	3/4	3/4	3/4	3/4	1	1	1
	Amps (FLA, each)	6	6	4	6	3.2	6	6.8	7.6	4
	Amps (LRA, each)									

1. Horsepower Per Compressor.

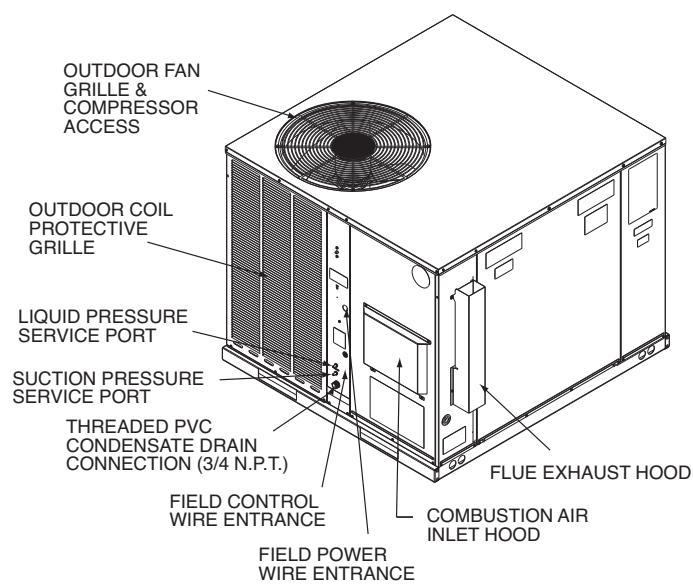
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

ELECTRICAL DATA – RGEA15 SERIES

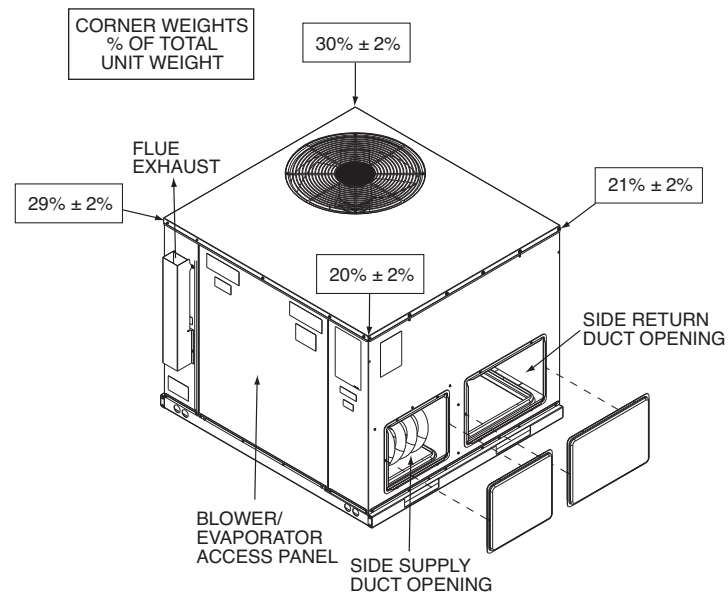
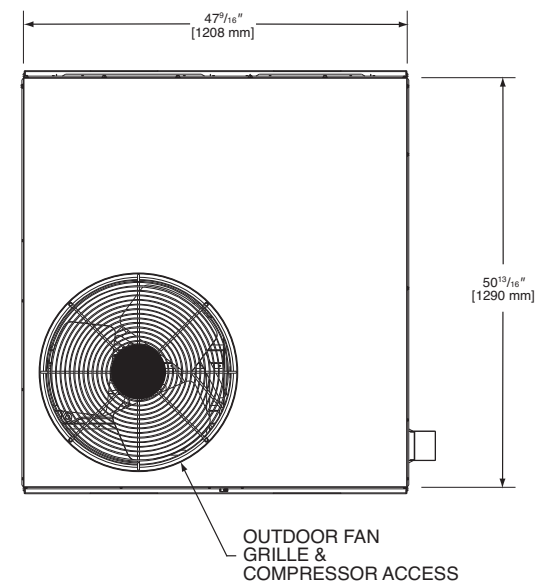
		060AJT***AA	060AJV***AA							
Unit Information	Unit Operating Voltage Range	197-253	197-253							
	Volts	208/230	208/230							
	Phase	1	1							
	Hz	60	60							
	Minimum Circuit Ampacity	46	45							
	Minimum Overcurrent Protection Device Size	50	60							
	Maximum Overcurrent Protection Device Size	70	70							
Compressor Motor	No.	1	1							
	Volts	208/230	208/230							
	Phase	1	1							
	RPM	3450	3450							
	HP, Compressor 1	5	5							
	Amps (RLA), Comp. 1	28.8	28.8							
	Amps (LRA), Comp. 1	152.9	152.9							
Condenser Motor	No.	1	1							
	Volts	208/230	208/230							
	Phase	1	1							
	HP	1/3	1/3							
	Amps (FLA, each)	2	2							
	Amps (LRA, each)	3.9	3.9							
Evaporator Fan	No.	1	1							
	Volts	208/230	208/230							
	Phase	1	1							
	HP	1	1							
	Amps (FLA, each)	7.6	6.8							
	Amps (LRA, each)									

1. Horsepower Per Compressor.

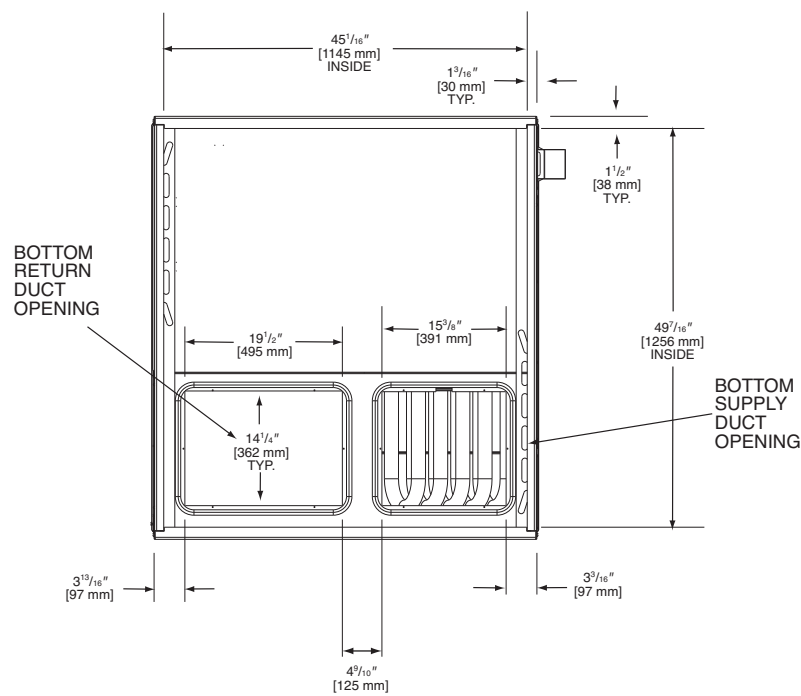
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.



TOP VIEW

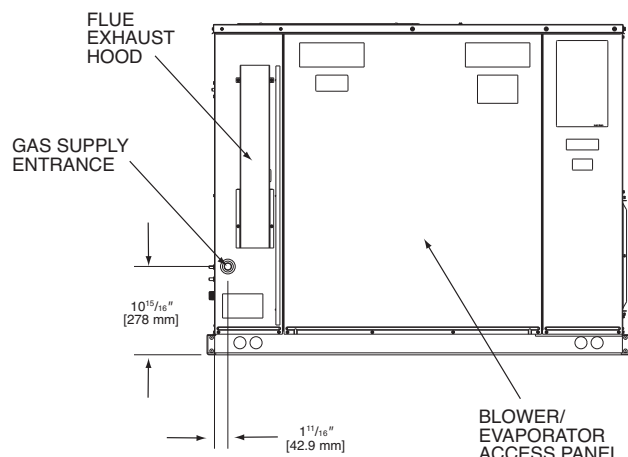


BOTTOM VIEW

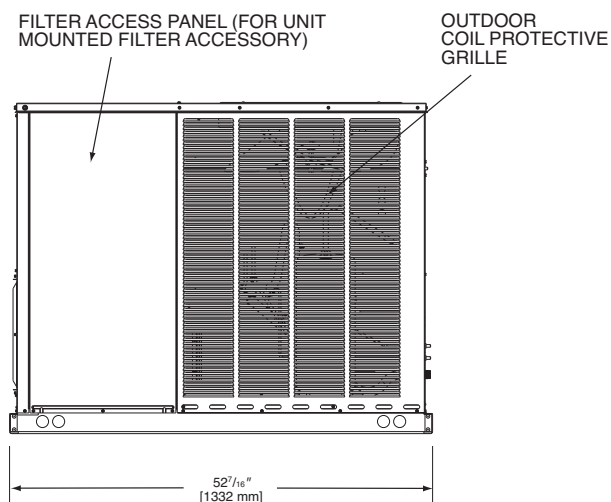


[] Designates Metric Conversions

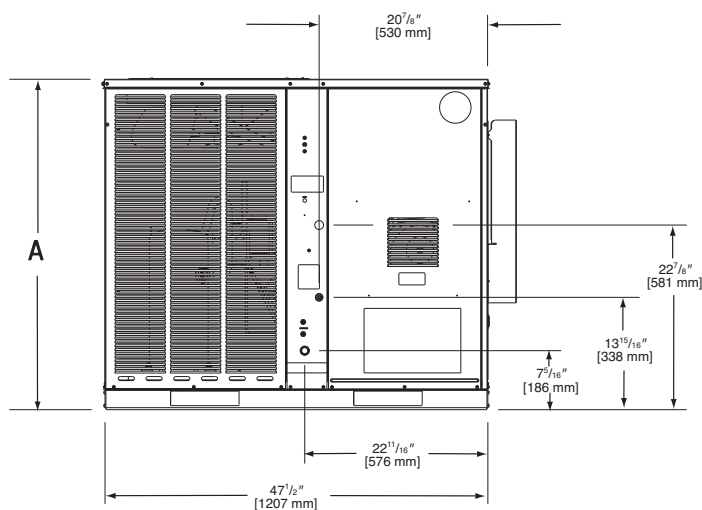
SIDE VIEW



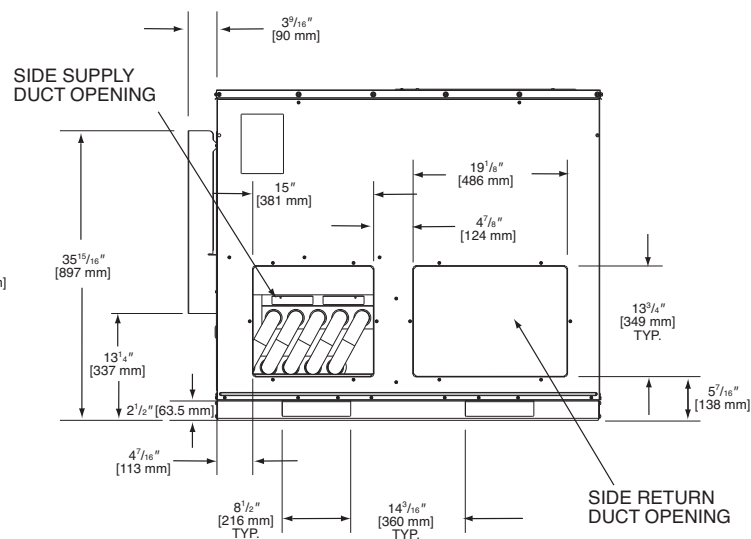
SIDE VIEW



FRONT VIEW



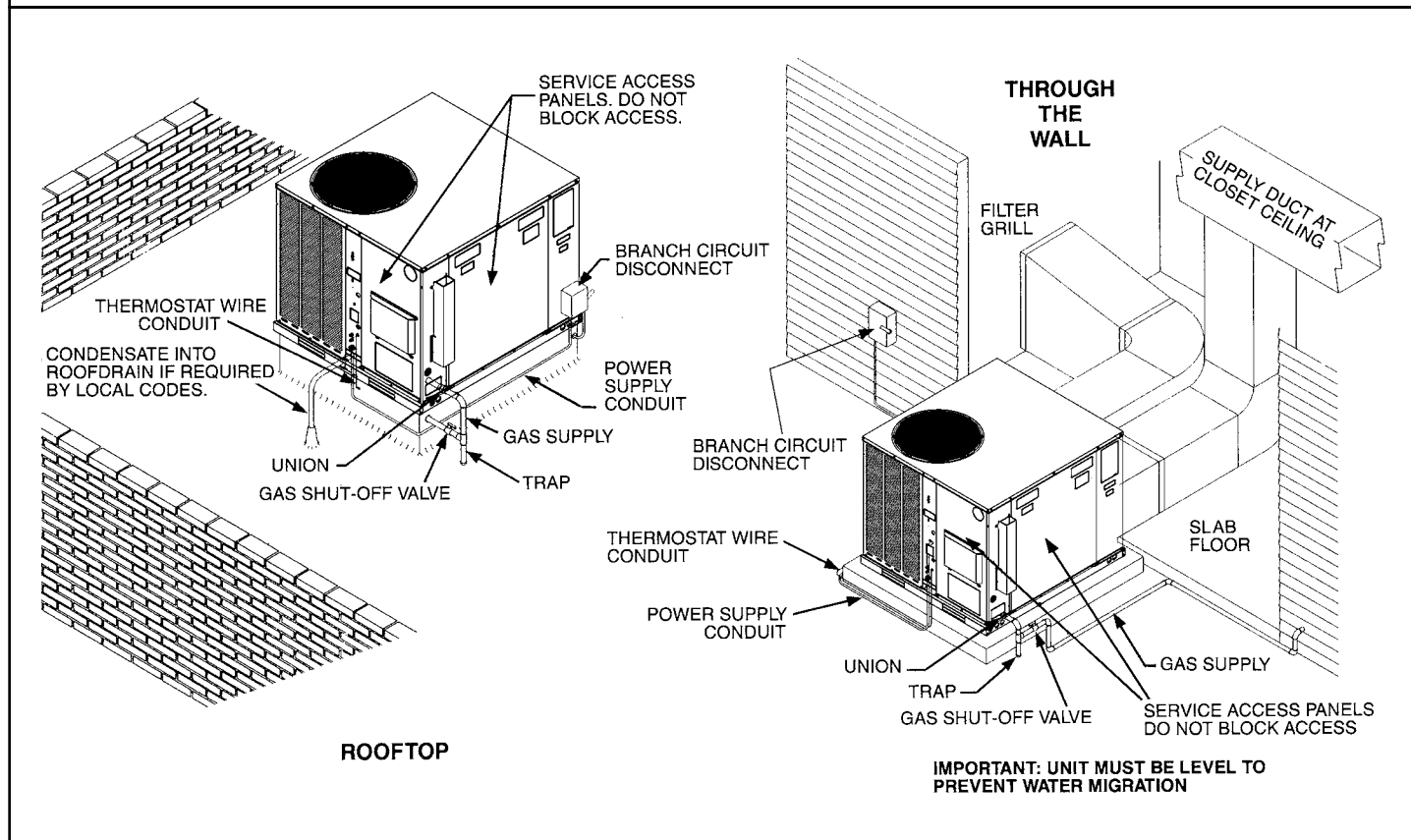
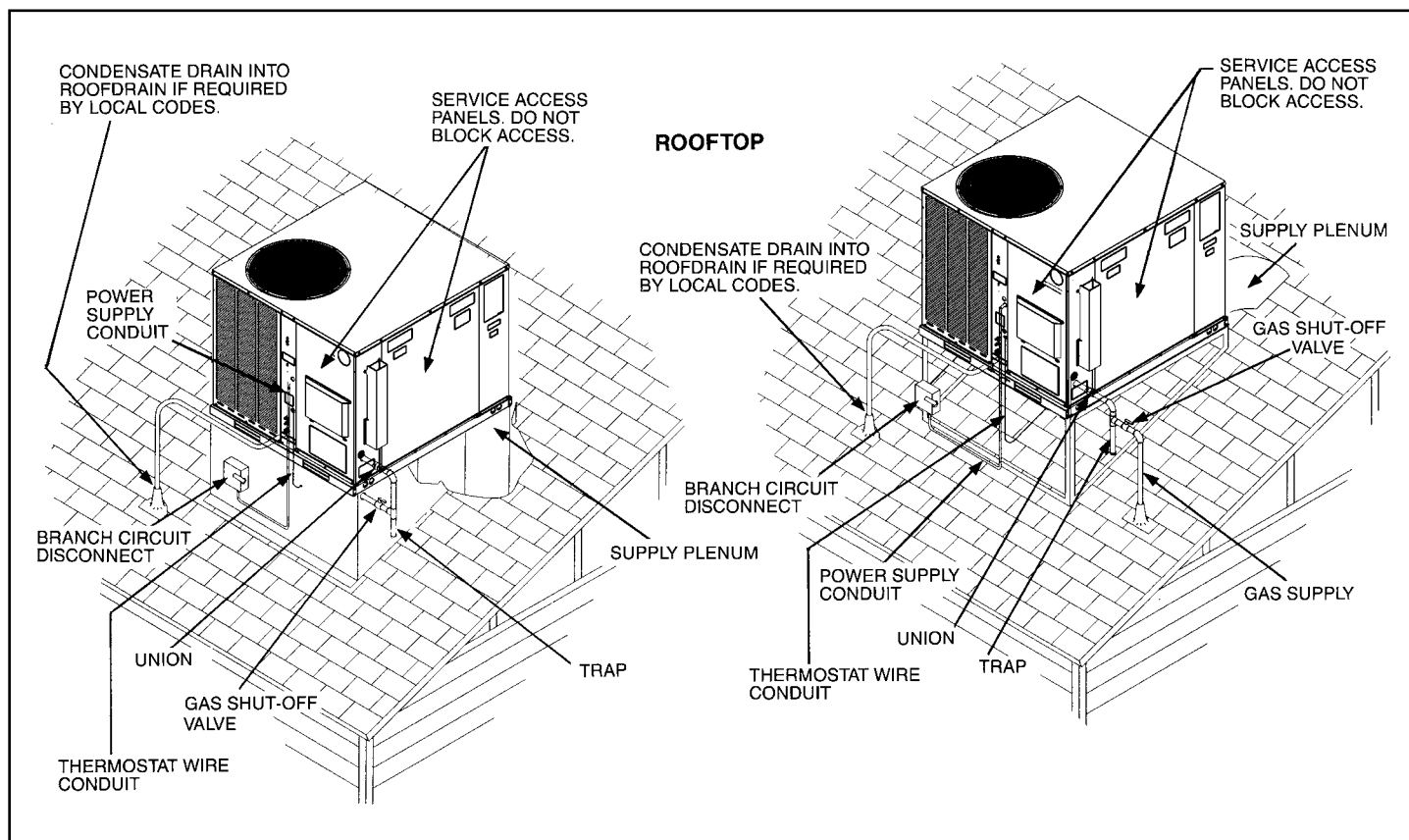
BACK VIEW



SHOWN WITH DUCT COVERS REMOVED.

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

[] Designates Metric Conversions



[] Designates Metric Conversions

ACCESSORY EQUIPMENT

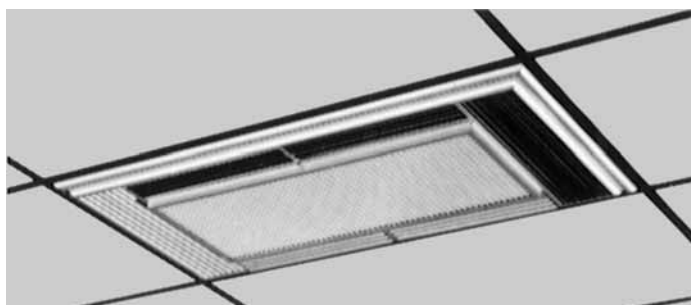
Accessory Description	Model Application	Accessory Model No.
Thermostats	RGEA14/15	See Thermostat Specification Sheet (T22-001)
Roofcurbs	RGEA14/15	RXSG-AAA08 (8" [203 mm] Height) RXSG-AAA14 (14" [356 mm] Height) RXSG-AAA24 (24" [610 mm] Height)
Supply & Return Diffusers	RGEA14/15	RXRN-BD15
Economizers (Sideflow Only)	RGEA14/15	AXRE-CCA30 (3 Position) AXRD-CCM10 (Fully Modulating)
Economizers (Downflow Only)	RGEA14/15	AXRE-CAA30 (3 Position) AXRD-CAM10 (Fully Modulating)
Fresh Air Damper	RGEA14/15	AXRF-FAB1 (Motorized-35%) AXRF-FAA1 (Fixed-35%)
Rectangular to Round Transition (Downflow)	RGEA14/15	RXMC-CA02 (16" [406 mm] Ducts) RXMC-CA03 (18" [457 mm] Ducts)
Filter Kit	RGEA14/15	RXRY-B01
Sideflow Rectangular to Round Transition	RGEA14/15	RXMC-BA01
LP Conversion Kits	RGEA14/15	RXGJ-EP84W (White-Rodgers Gas Valve) RXGJ-EP85H (Honeywell Gas Valve) RXGJ-FP28
Low Ambient Control	RGEA14/15	RXRZ-B01
High Pressure Control	RGEA14/15 ²	RXAB-E01
Low Pressure Control	RGEA14/15 ²	RXAC-C01
Canadian High Altitude Kit (for Natural Gas only ¹)	RGEA14/15	RXRZ-AH01

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

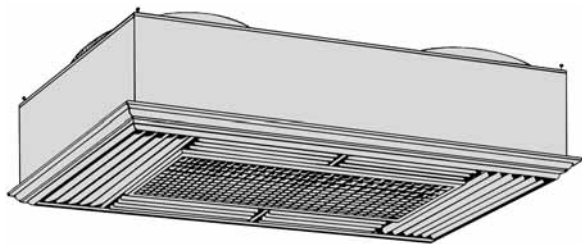
² High pressure switches are standard for RGEA15 Models.

[] Designates Metric Conversions

COMMON SUPPLY/RETURN CONCENTRIC AIR DIFFUSER



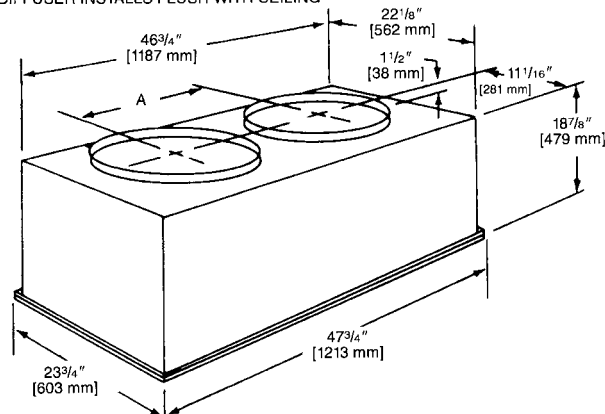
SUPPLY/RETURN DIFFUSER



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

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

DIFFUSER INSTALLS FLUSH WITH CEILING



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

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

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

SUPPLY AIR/PERFORMANCE

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

THERMOSTATS



200-Series *
Programmable



300-Series *
Deluxe
Programmable

400-Series *
Special Applications/
Programmable

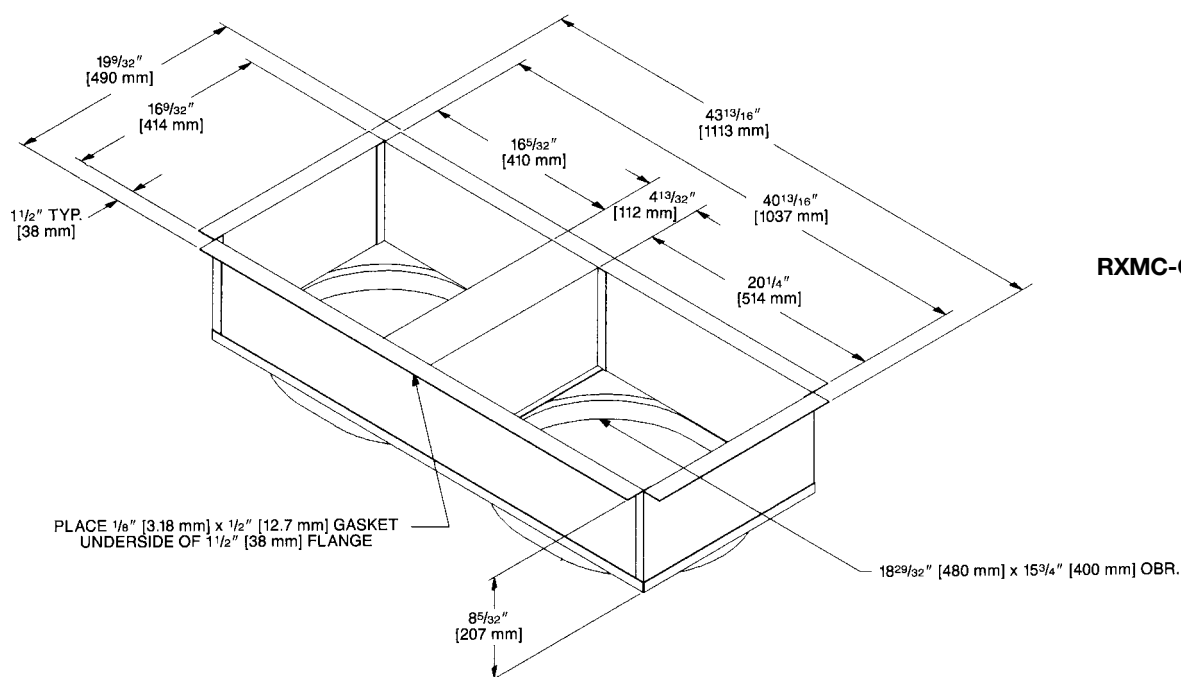
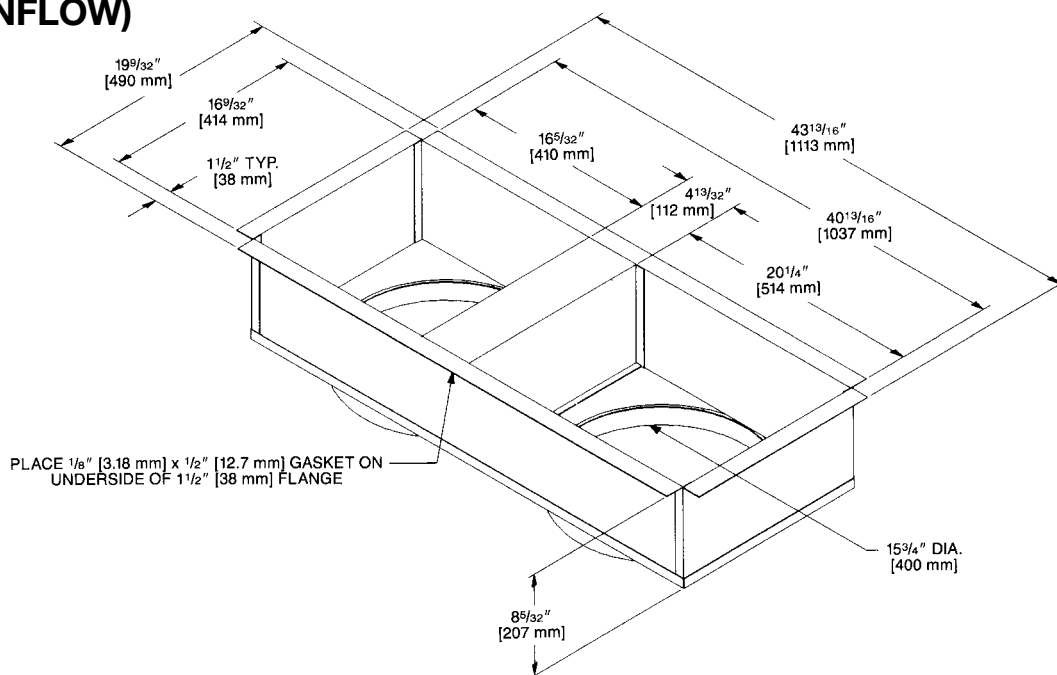
Brand		Descriptor (3 Characters)	Series (3 Characters)	System (2 Characters)	Type (2 Characters)
UHC	-	TST	213	UN	MS
UHC=Ruud		TST=Thermostat	200=Programmable 300=Deluxe Programmable 400=Special Applications/ Programmable	GE=Gas/Electric UN=Universal (AC/HP/GE) MD=Modulating Furnace DF=Dual Fuel	SS=Single-Stage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

* Photos are representative. Actual models may vary.

For detailed thermostat match-up information,
see specification sheet form number T22-001.

DUCT ADAPTERS RECTANGULAR TO ROUND TRANSITIONS (DOWNFLOW)

RXMC-CA02



RXMC-CA03

[] Designates Metric Conversions

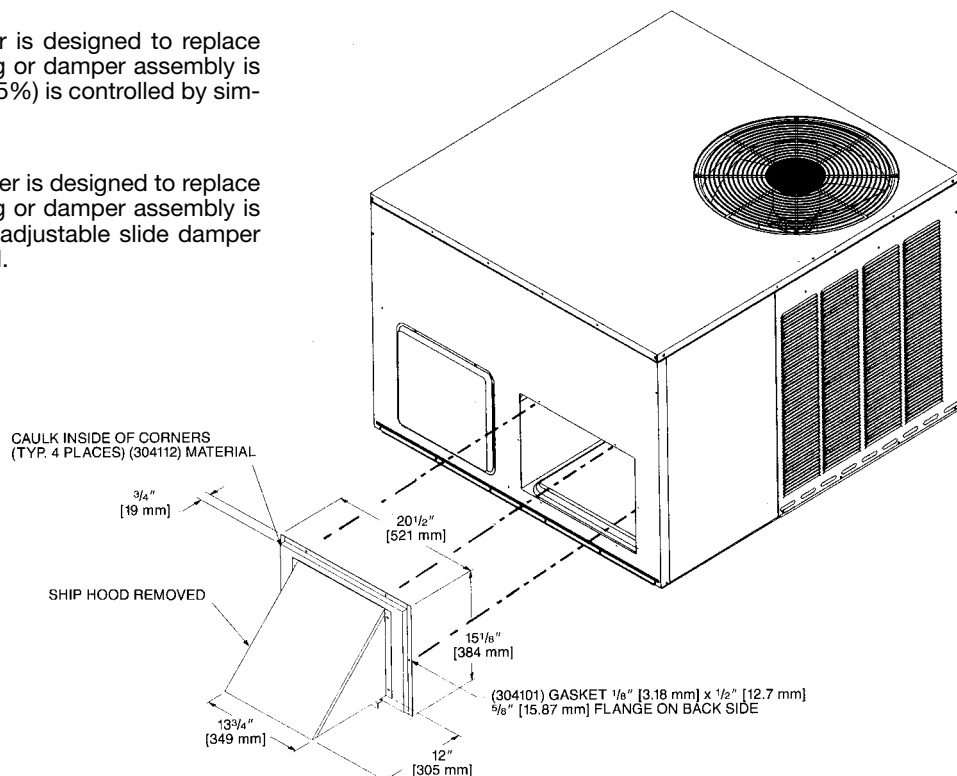
FRESH AIR DAMPER

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)

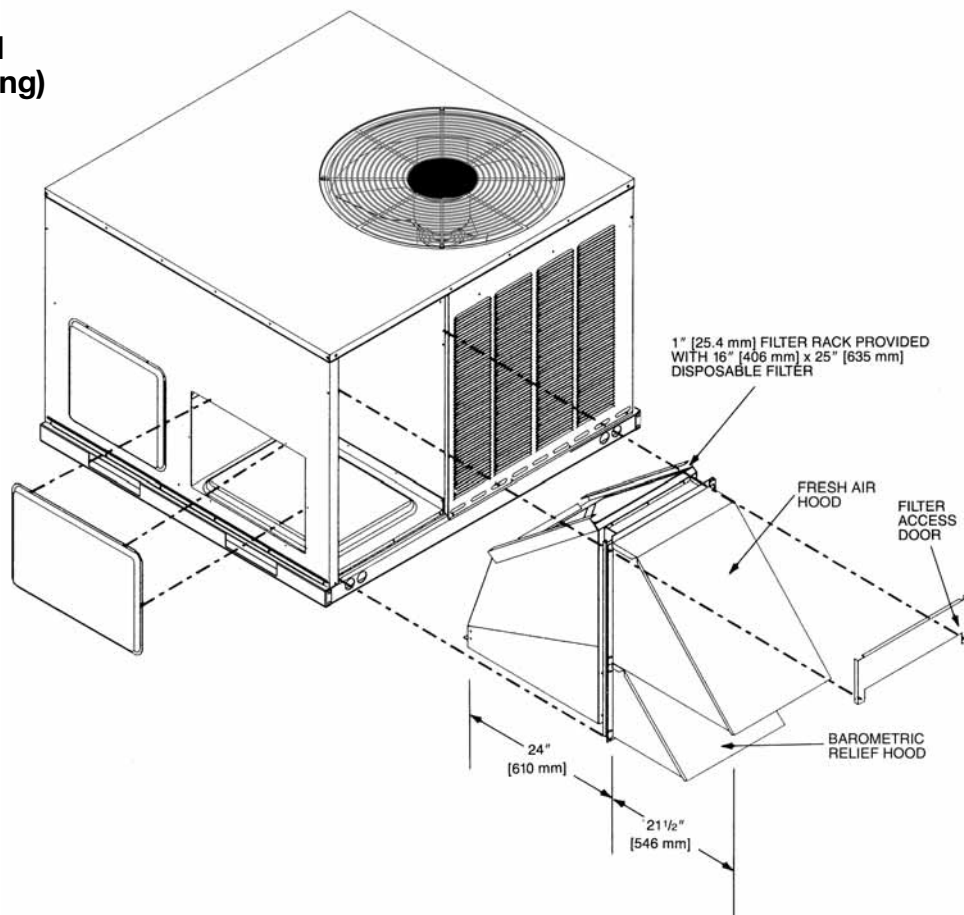
AXRE-CAA30 (3 Position)

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

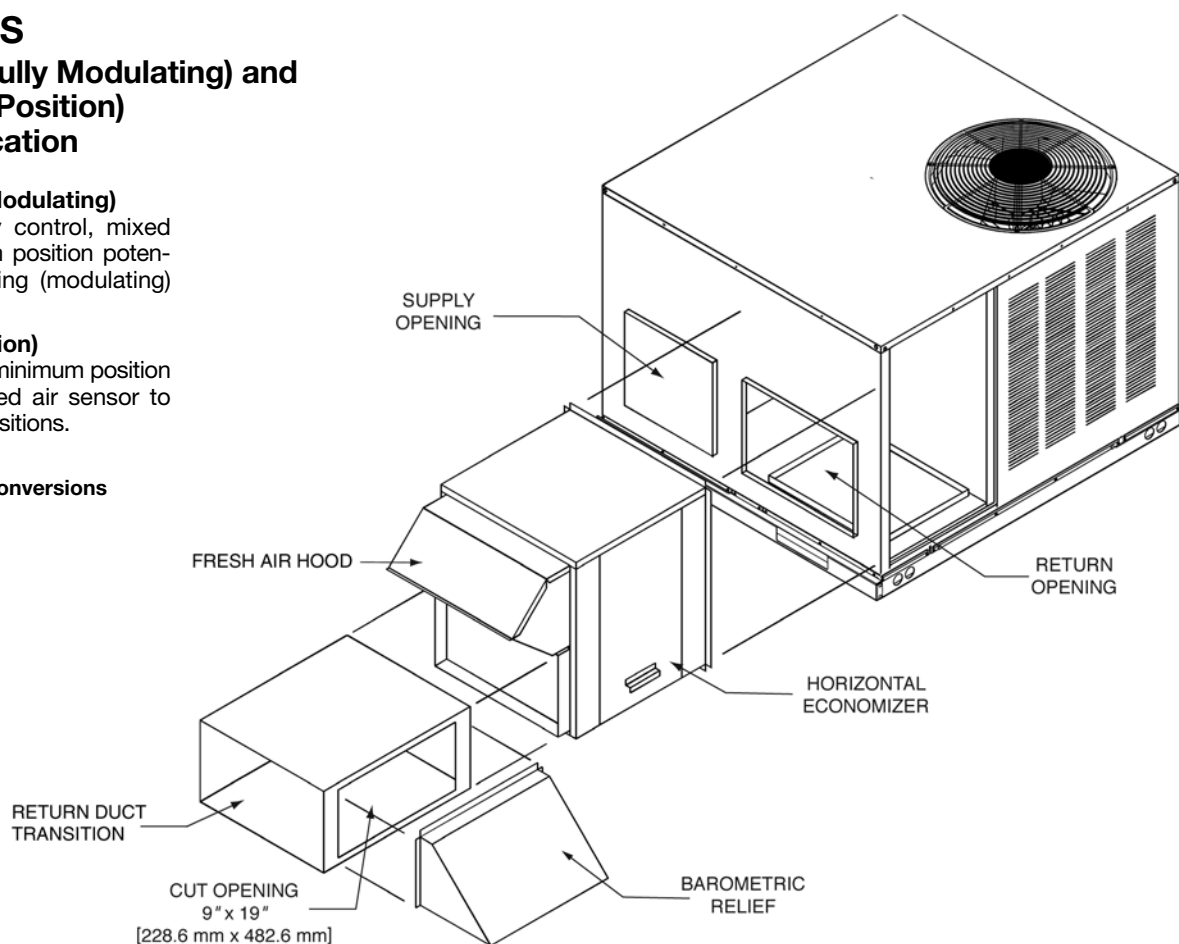
AXRD-CCM10 (Fully Modulating)

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

AXRE-CCA30 (3-Position)

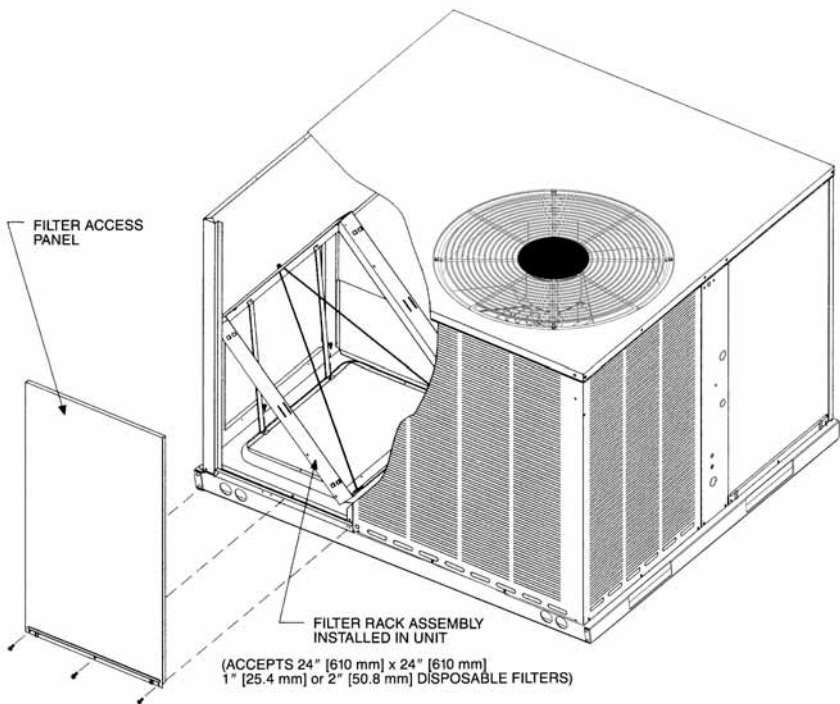
Has outdoor air sensor, minimum position potentiometer and mixed air sensor to provide three damper positions.

[] Designates Metric Conversions



FILTER KIT INSTALLATION
RXRY-B01

For use in either
vertical or horizontal
discharge.



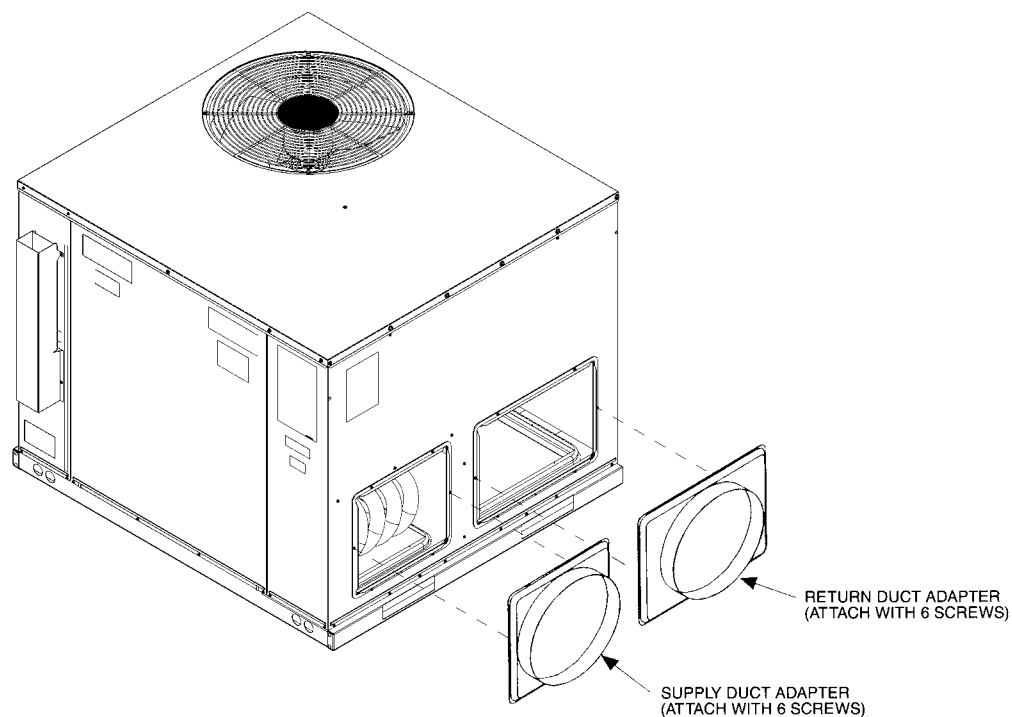
Airflow Pressure Drop, Inches W.C. [kPa]		
CFM [L/s]	1" Filter	2" Filter
500 [236]	.02 [.0050]	.03 [.0075]
600 [283]	.02 [.0050]	.03 [.0075]
700 [330]	.03 [.0075]	.04 [.0010]
800 [378]	.04 [.0010]	.05 [.0124]
900 [425]	.05 [.0124]	.06 [.0149]
1000 [472]	.07 [.0174]	.08 [.0199]
1100 [519]	.08 [.0199]	.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.

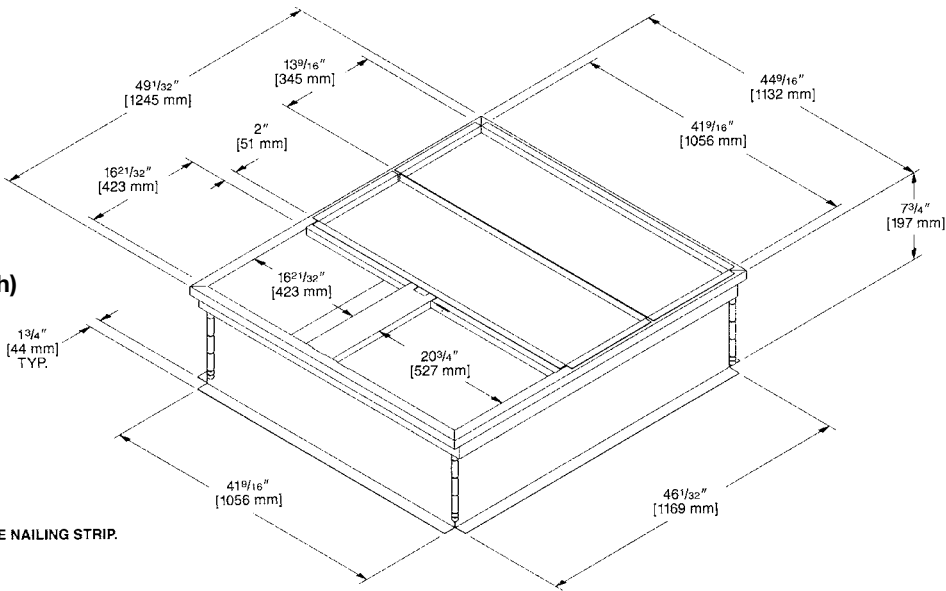
[] Designates Metric Conversions



ROOFCURB (Full Perimeter)
RXSG-AAA08, RXSG-AAA14
and RXSG-AAA24

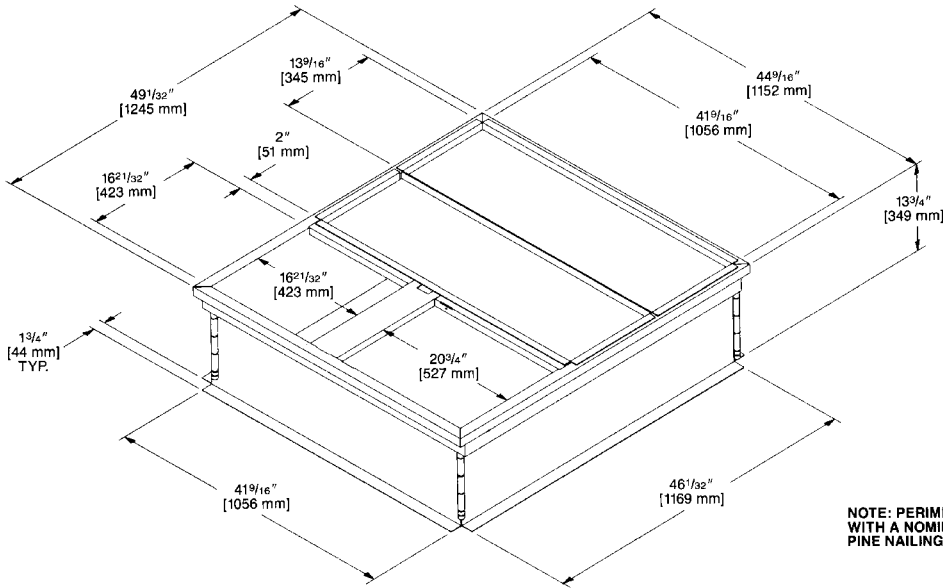
Hinged corners make for
fast, easy set-up.

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



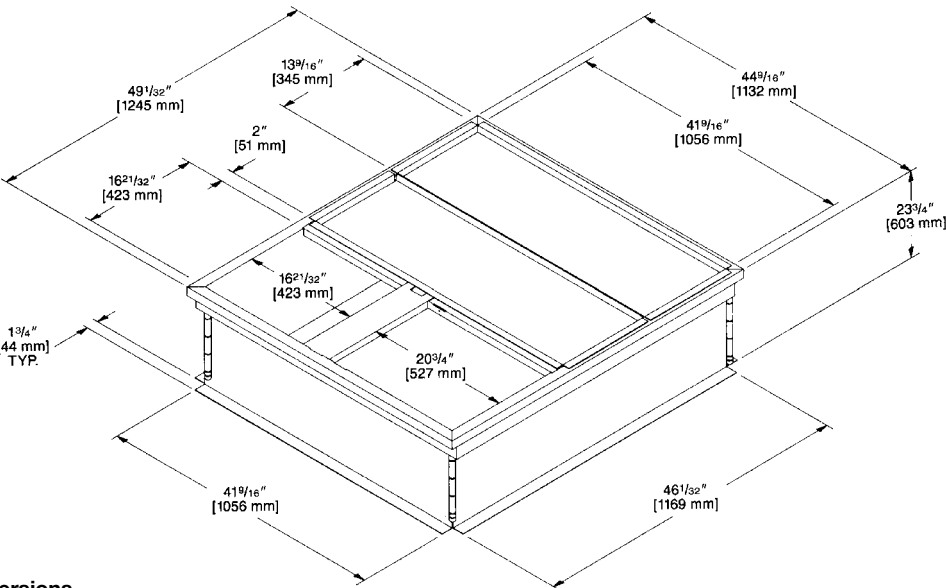
NOTE: PERIMETER OF ROOFCURB IS SUPPLIED
WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm] PINE NAILING STRIP.

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



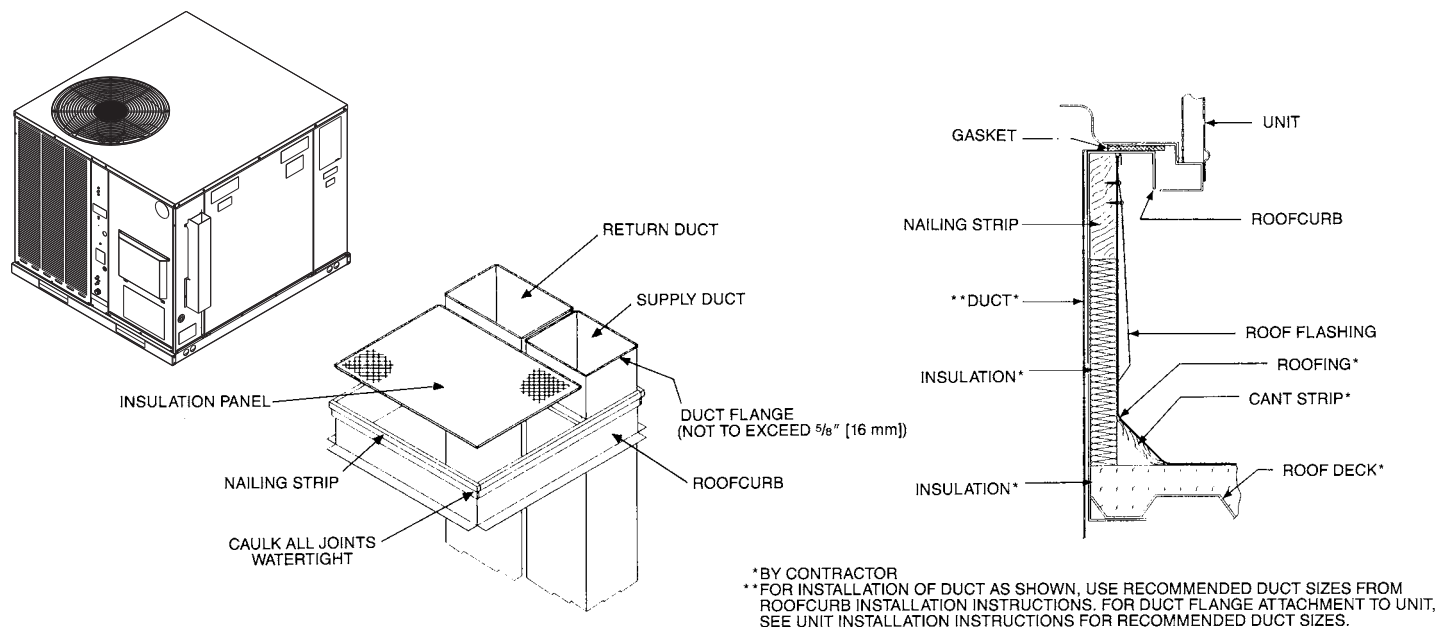
NOTE: PERIMETER OF ROOFCURB IS SUPPLIED
WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm]
PINE NAILING STRIP.

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



[] Designates Metric Conversions

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



ROOFCURB ADAPTERS

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

OLD MODEL

SMALL CABINET

(1½-2 TON) [5.28-7.03 kW]
RSNC-, RSND-, RSNE-
RRGE-, RRGF-, RRGG-, RSNY

20 SERIES

OLD CURB MODEL

RXPA-CA20 (1)
RXRA-DB20 (2)

NEW MODEL TO OLD MODEL ROOFCURB ADAPTER

RXPX-BACCA20
RXRX-BACDB20
RXPX-BACCA21
RXRX-BACDB21
RXPX-BCCCA22
RXRX-BCCDB22
RXPX-BCCCA23
RXRX-BCCDB23

NEW MODEL PACKAGE

ONLY 1 CABINET SIZE—
ALL MODELS

RGEA

MEDIUM CABINET

(2½-3 TON) [8.79-10.55 kW]
RSNC-, RSND-, RSNE-
RRGE-, RRGF-, RRGG-, RSNY

21 SERIES

RXPA-CA21 (1)
RXRA-DB21 (2)

LARGE CABINET

(3-3½ TON) [10.55-12.31 kW]
RRGE-, RRGF-, RRGG-, RSNY

22 SERIES

RXPA-CA22 (1)
RXRA-DB22 (2)

EXTRA LARGE CABINET

(3½-5 TON) [12.31-17.6 kW]
RSNC-, RSND-, RSNE-
RRGE-, RRGF-, RRGG-, RSNY
(4-5 TON) [14.07-17.58 kW]

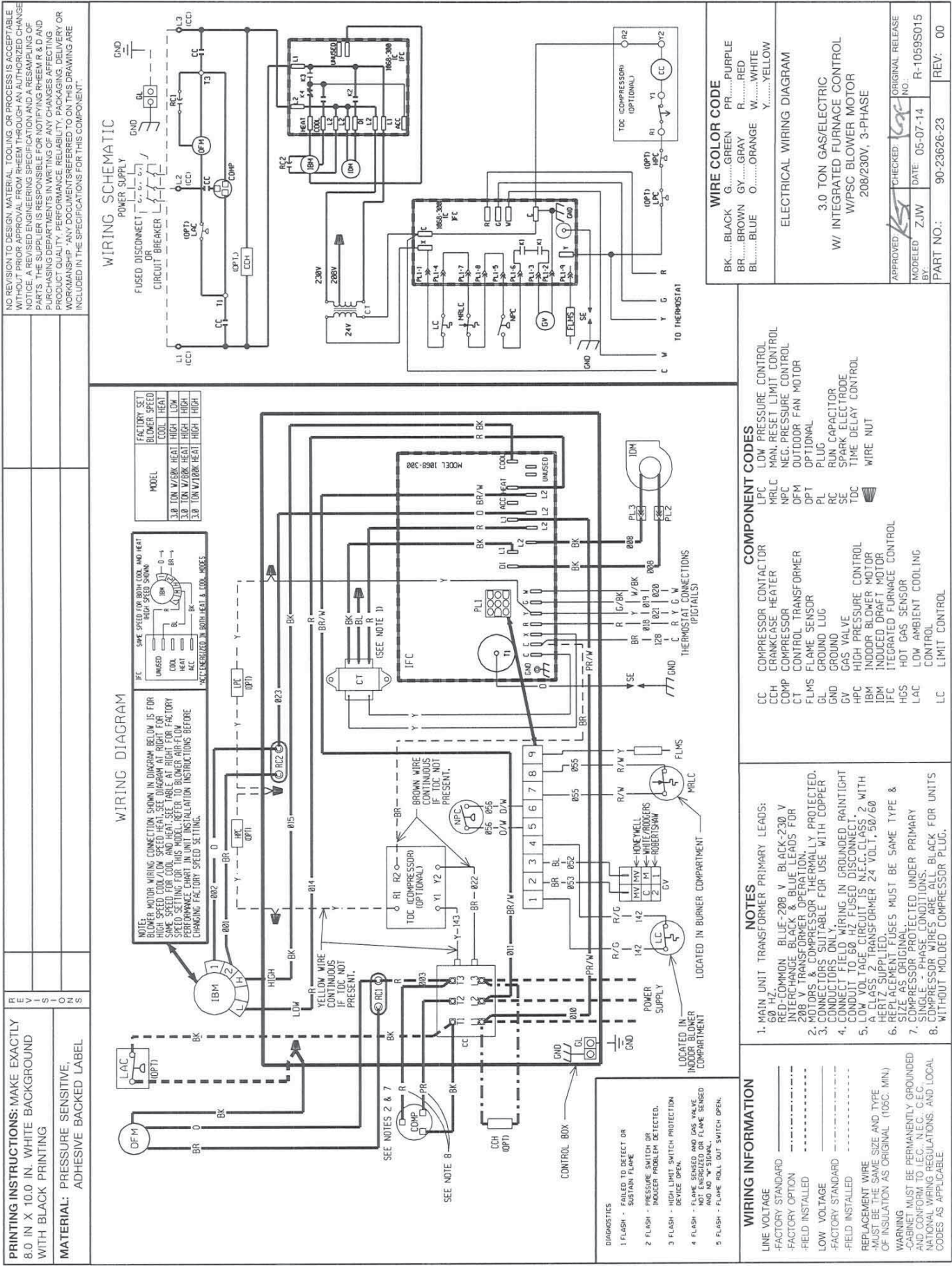
23 SERIES

RXPA-CA23 (1)
RXRA-DB23 (2)

(1) SLOPE TYPE

(2) FULL PERIMETER TYPE

[] Designates Metric Conversions



MATERIAL: PRESSURE SENSITIVE,
ADHESIVE BACKED LAMINATE

WIRING DIAGRAM

[illegible]

WIRING INFORMATION

NOTES

- ### COMPONENT CODES

BR	BLOWER RELAY	LC	LIMIT CONTROL
CR	COMPRESSOR	LPC	LOW PRESSURE CONTROL
CC	CRANKCASE HEATER	MRLC	MAN. RESET LIMIT CONTROL
CCP	COMPRESSOR	NPC	NEG. PRESSURE CONTROL
CT	CONTROL TRANSFORMER	OFM	OUTDOOR FAN MOTOR
CT	CONTROL TRANSFORMER	OPT	OPTIONAL
FLS	FLAME SENSOR	PL	PLC
GL	GROUND LUG	PLC	PLC
GND	GROUND	RC	RUN CAPACITOR
GND	GROUND		
GV	GAS VALVE		
HPC	HIGH PRESSURE CONTROL	SE	SPARK ELECTRODE
IBM	INDOOR BLOWER MOTOR	TDC	TIME DELAY CONTROL
IDM	INDUCED DRAFT MOTOR		WIRE NUT
IFC	ITERATED FURNACE CONTROL		
HCS	HOT GAS SENSOR		
LAC	LOW AMBIENT COOLING CONTROL		

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

ELECTRICAL WIRING DIAGRAM

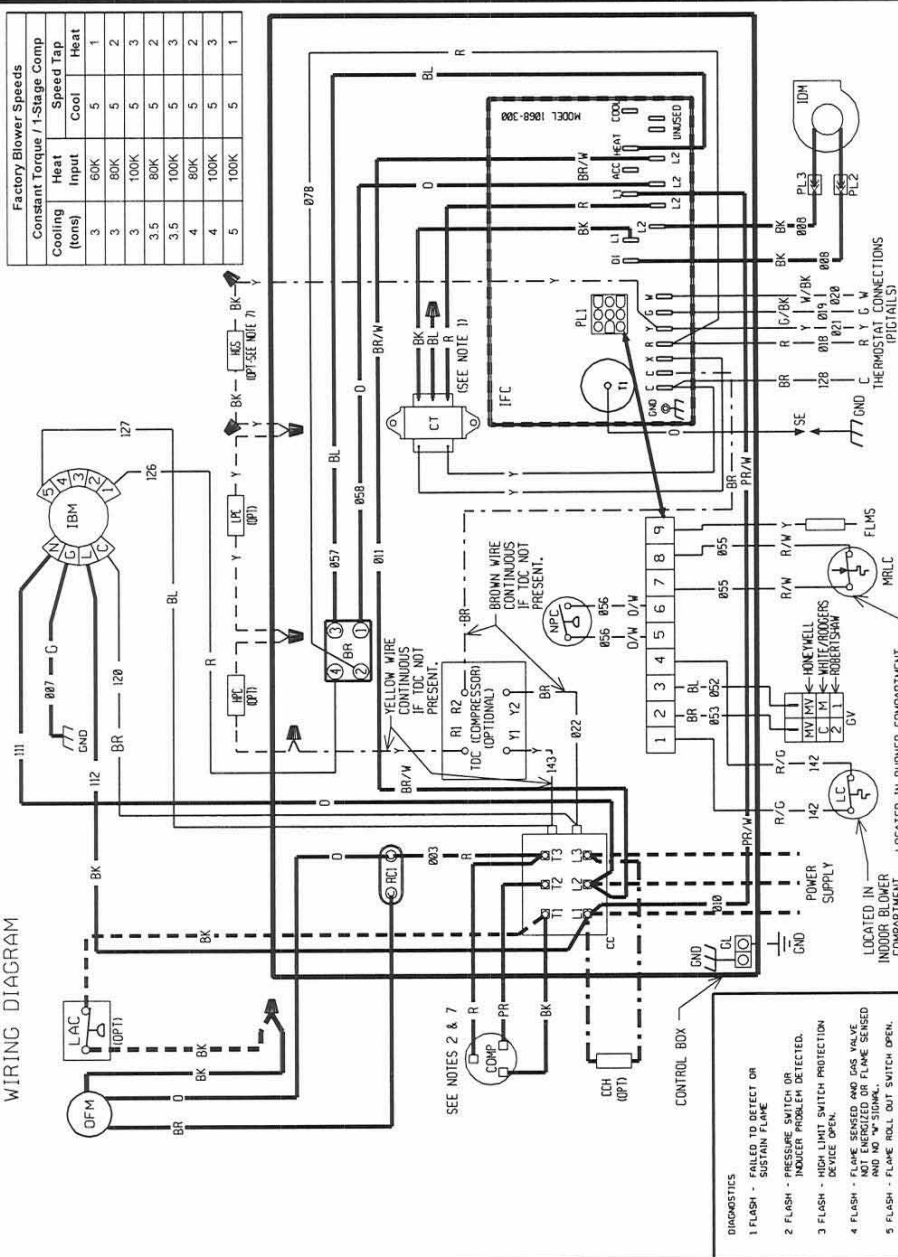
2.0 - 5.0 TON SINGLE STAGE GAS/ELECTRIC
W/ INTEGRATED FURNACE CONTROL
W/ CONSTANT TORQUE BLOWER MOTOR
208/230V, 1-PHASE

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

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

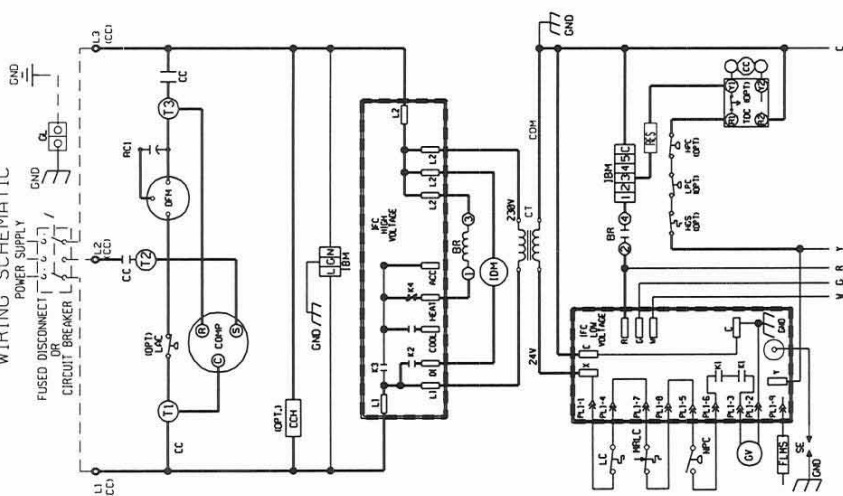
MATERIAL: PRESSURE SENSITIVE,
ADHESIVE BACKED LAMINATE

WIRING DIAGRAM



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

WIRING SCHEMATIC



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

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

APPROVED: <i>[Signature]</i>	CHECKED: <i>[Signature]</i>	ORIGINAL RELEASE NO.:
MODELLED* ZJW	DATE: 05-07-14	R-1059S015
BY:		
PART NO.:	90-23626-25	REV: 00

COMPONENT CODES

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

NOTES

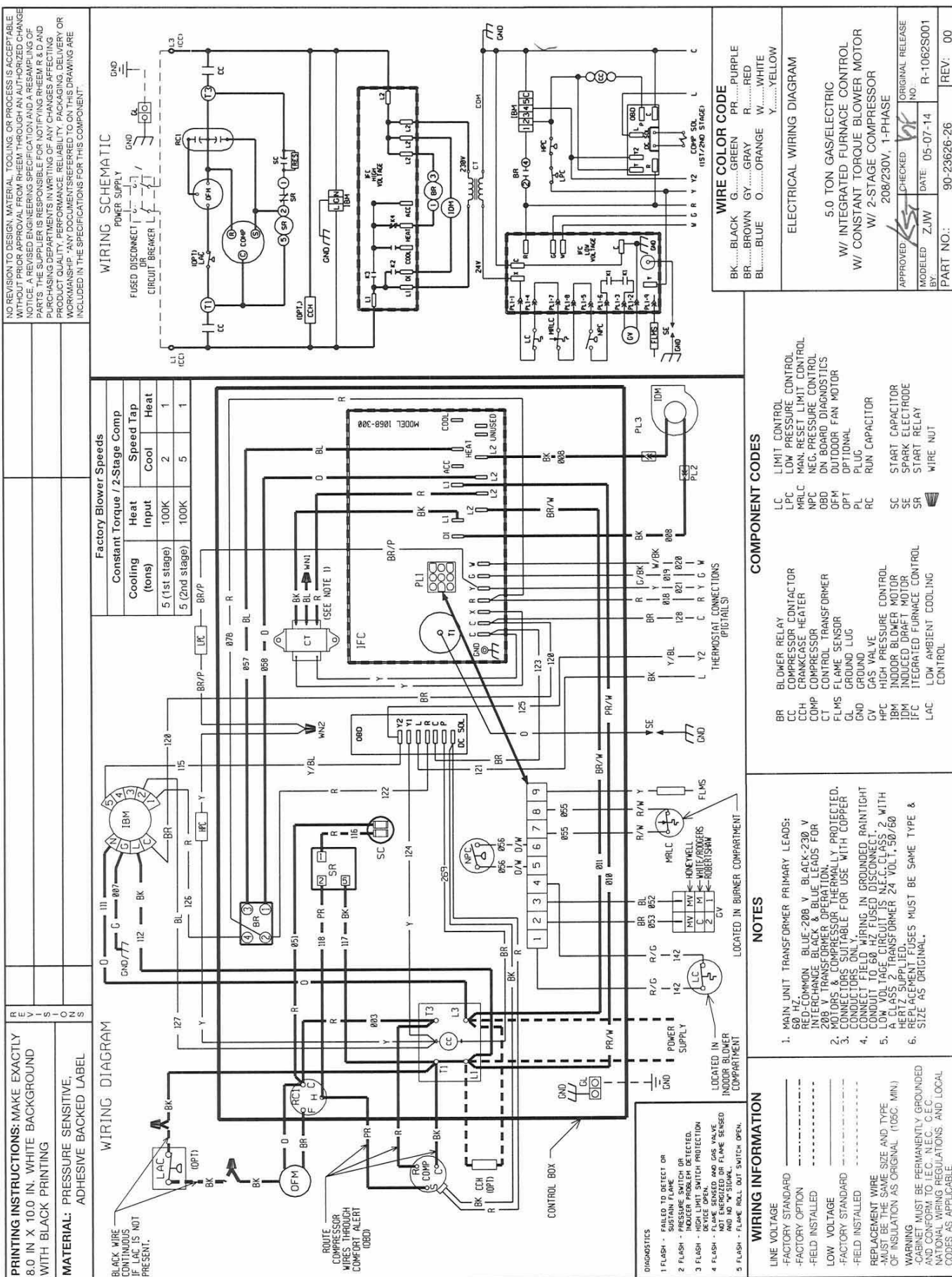
1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ. RED-COMMON BLUE-208 V BLACK-230 V INTERCHANGE BLACK & BLUE LEADS FOR 208 V TRANSFORMER. OPENING IN TOP OF COMPRESSOR HOUSING, FULLY PROTECTED.
2. COMPRESSOR HOUSING: 1/2" NPT. 1/2" CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
3. CONDENSER: 1/2" NPT. 1/2" CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
4. CONNECT FIELD WIRING IN GROUNDED RAINLIGHT CIRCUIT TO 60 HZ FUSED DISCONNECT.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HZ. WIRING MUST BE IN CONFORMANCE WITH THE N.E.C. REQUIREMENTS.
6. SIZE OF ORIGINAL HOUSING MUST BE SAME TYPE & SIZE AS ORIGINAL.
7. COMPRESSOR PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.

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

WIRING DIAGRAM

Constant Torque / 2 Stage Comp	Heat Input (tons)	Speed Tap	Cool	Heat
5 (1st stage)	100K	2	1	1
5 (2nd stage)	100K	5	1	1

WIRING SCHEMATIC

COMPONENT CODES

BR BLOWER RELAY
CC COMPRESSOR CONTACTOR
CCH CRANKCASE HEATER
CMP COMPRESSOR
CT CONTROL TRANSFORMER
FLMS FLAME SENSOR
GL GROUND LUG
GND GROUND
GV GAS VALVE
HPC HIGH PRESSURE CONTROL
IDM INDOOR BLOWER MOTOR
IDR INDUCED DRAFT RELAY
IFC INTEGRATED FURNACE CONTROL

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

NOTES

- CONTROL TRANSFORMER PRIMARY LEADS: BLUE - COMMON
RED - 575V, 60 HZ. / 415V 50 HZ.
- COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
- CONNECT FIELD WIRING IN GROUNDED RAINLIGHT CONDUIT TO 88 HZ FUSED DISCONNECT.
- LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH 40 VOLT MAX. TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
- 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, MN)

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

WIRE COLOR CODE

BK.....BLACK G.....GREEN PR.....PURPLE
BR.....BROWN GV.....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
460V, 3-PHASE

APPROVED:
CHECKED:
DATE: 05-08-14
MODELER: ZJW
BY:
ORIGINAL RELEASE NO.: R-1062S001
PART NO.: 90-23626-29
REV: 00





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

GENERAL TERMS OF LIMITED WARRANTY*

Ruud 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)

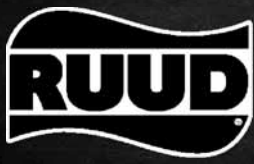
1 Phase, Residential Applications	Ten (10) Years
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Compressor

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

Ruud Heating, Cooling & Water Heating • P.O. Box 17010
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Ruud Canada • 125 Edgeware Road, Unit 1
Brampton, Ontario • L6Y 0P5

RELY ON RUUD.™