



The new degree of comfort.™



## Rheem *Classic*® Series Package Gas Electric Unit



### **RGEA13- 13 SEER Series**

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

### **RGEA14- 14 SEER Series**

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

### **RGEA15- 15 SEER Series**

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



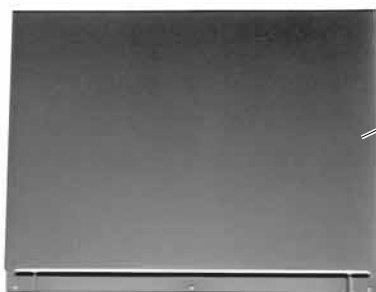
(15 SEER/  
12 EER ONLY)

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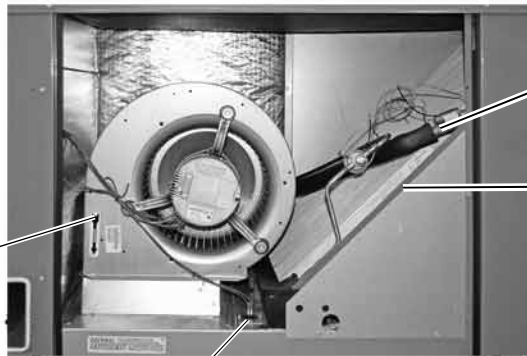
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# Package Gas Electric Unit Features:



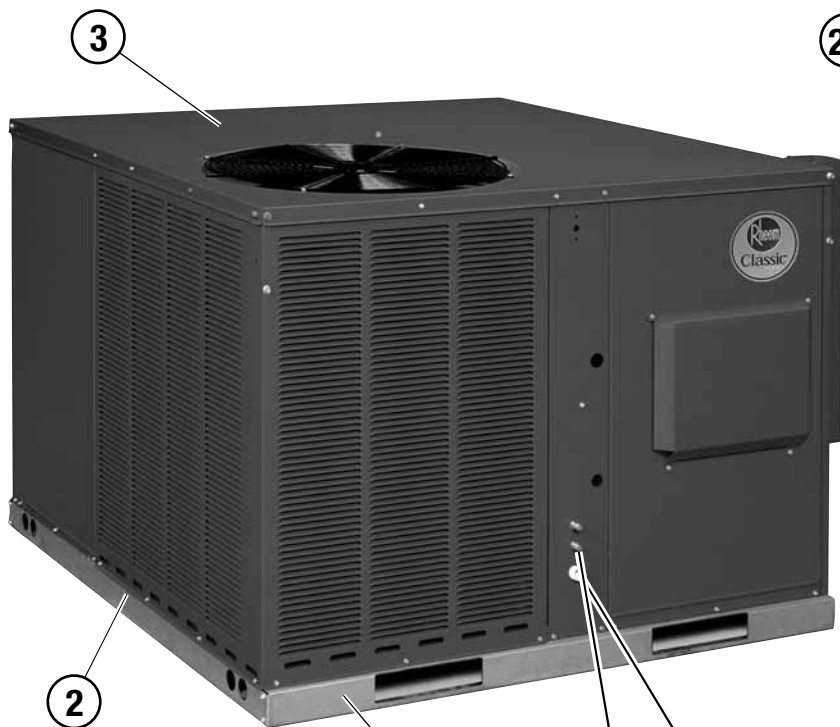
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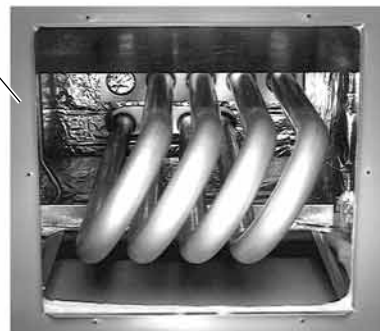
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## RGEA13/14/15 Features Below Correspond to Photos on Page 3

1. All models feature Scroll® compressors for maximum efficiency and quiet operation. 5 Ton RGEA15 models feature UltraTech™ Scroll 2-Stage compressors with Comfort Alert™ diagnostics (see below), high/low pressure switches, and hard start kits.
2. Louvered condenser compartment for protecting the coil against yard hazards and/or weather extremes.
3. One-piece top with a deep flange to help keep water out of the unit.
4. Supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
5. Access panels have “weep holes” and channels to further help manage water run-off.
6. Side and down discharge options available on all models. All models are shipped ready for horizontal application.
7. Easily accessible blower section complete with slide-out blower.
8. Refrigerant connections are conveniently located for easy service diagnostics.
9. Micro Channel evaporator and condenser delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils. In addition the all aluminum construction has superior protection against formicary corrosion and aluminum tube rubbing potential. Its easier to clean and has a more robust surface.
10. Inside the easily accessible furnace compartment is the draft inducer motor. This motor is specially designed for quiet reliable operation. In addition to the draft inducer motor, the in-shot gas burners and manifold efficiently regulate the flow of gas for combustion. These new gas/electric units also feature direct-spark ignition and remote flame sensors for added reliability and efficiency.
11. All units feature an internal trap on the condensate line eliminating the need for installing an on-site external trap.
12. Easily accessible control box.
13. Single point wiring simplifies installation.
14. Our gas/electric package units feature a tubular heat exchanger design. Tubular heat exchangers are more efficient and durable than older-style clamshell heat exchangers. The heat exchanger is backed by a 10 year limited warranty. Models with a stainless steel heat exchanger installed in a residential application are backed by a limited lifetime warranty.
15. Thermal expansion valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
16. Filter drier standard on all models (not shown).
17. Rugged baserail included for improved installation and handling
18. Complete factory charged, wired and run tested.
19. Molded compressor plugs.
20. A double sloped evaporator coil drain pan assures all water is removed from the unit to improve indoor air quality.

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

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

**NOTE: Single phase module does not provide safety protection! The Comfort Alert module is a monitoring device and cannot control or shut down the compressor unless used with a White Rodgers IF95-CA397 Thermostat.**

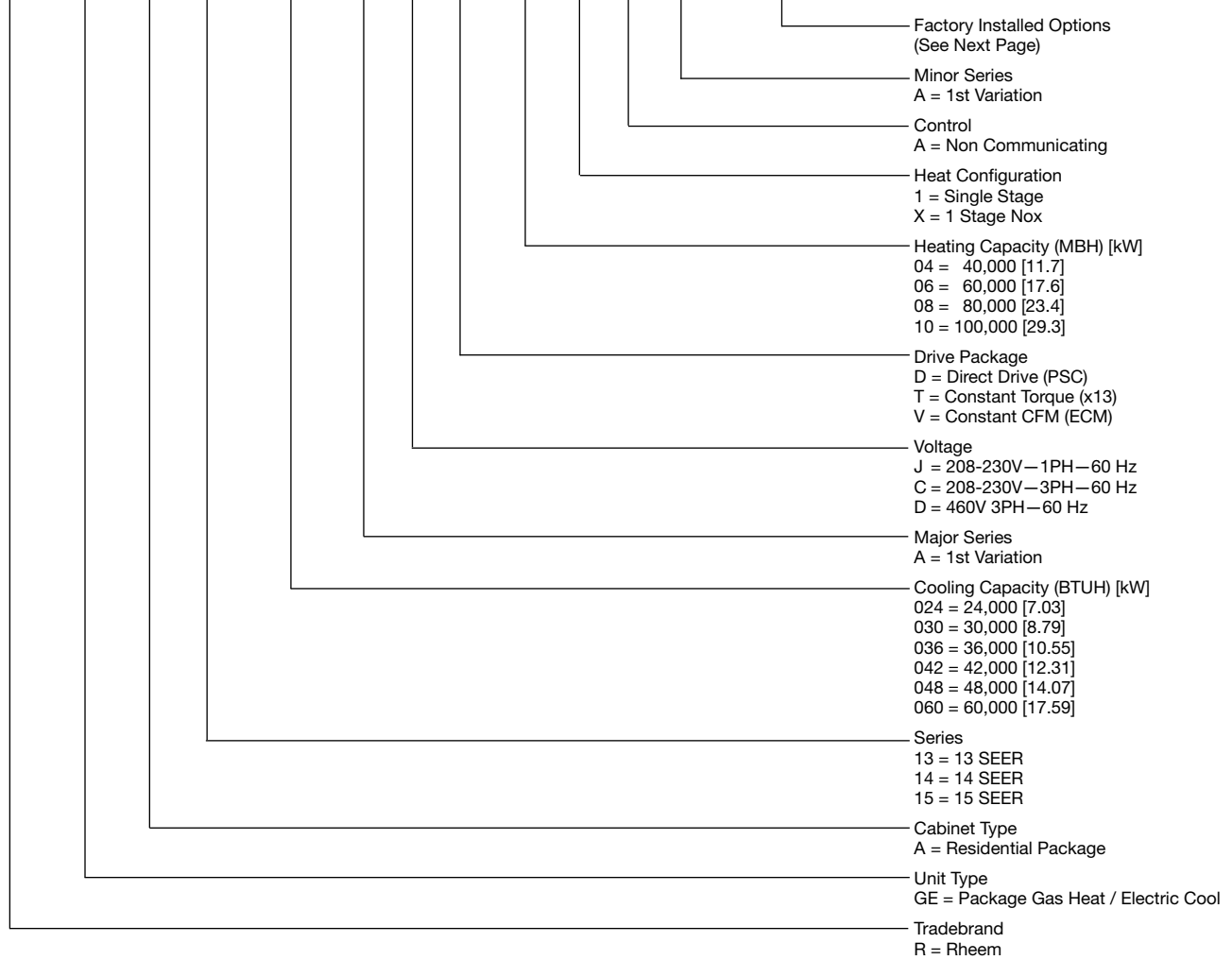
**NOTE: Three phase module provides compressor protection and will shut down the compressor when compressor damaging conditions are detected.**





Air

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



[ ] Designates Metric Conversions



## Instructions for Factory Installed Option(s) Selection

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

**Step 1.** After a basic rooftop model is selected, choose a *three-character* option code from the FACTORY INSTALLED OPTION SELECTION TABLE.

### FACTORY INSTALLED OPTION CODES

Option Code	Stainless Steel Heat Exchanger	Tin Plated Hairpin Coil
AJA	x	

“x” indicates factory installed option.

Example: No Option

RGEA14036AJD081AA

Example: Option with Stainless Steel Heat Exchanger

RGEA14036AJD081AAAJA

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

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

Model RGEA13 Series	036ACD061AA	036ACD081AA	036ACD101AA	036ADD061AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
EER/SEER <sup>2</sup>	11.6/13.5	11.6/13.5	11.6/13.5	11.6/13.5
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	34,000 [9.96]	34,000 [9.96]	34,000 [9.96]	34,000 [9.96]
Net Sensible Capacity Btu [kW]	24,200 [7.09]	24,200 [7.09]	24,200 [7.09]	24,200 [7.09]
Net Latent Capacity Btu [kW]	9,800 [2.87]	9,800 [2.87]	9,800 [2.87]	9,800 [2.87]
Net System Power kW	2.93	2.93	2.93	2.93
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	52.7 [1494]	52.7 [1494]	52.7 [1494]	52.7 [1494]
<b>Weights</b>				
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 37 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA13 Series	036ADD081AA	036ADD101AA	042ACT081AA	042ACT101AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	41,000 [12.01]	41,000 [12.01]
EER/SEER <sup>2</sup>	11.6/13.5	11.6/13.5	12/13.5	12/13.5
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1400/1300 [661/613]	1400/1300 [661/613]
AHRI Net Cooling Capacity Btu [kW]	34,000 [9.96]	34,000 [9.96]	40,000 [11.72]	40,000 [11.72]
Net Sensible Capacity Btu [kW]	24,200 [7.09]	24,200 [7.09]	29,000 [8.5]	29,000 [8.5]
Net Latent Capacity Btu [kW]	9,800 [2.87]	9,800 [2.87]	11,000 [3.22]	11,000 [3.22]
Net System Power kW	2.93	2.93	3.27	3.27
<b>Heating Performance (Gas)<sup>3</sup></b>				
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	80,000 [23.44]	100,000 [29.3]
Heating Output Btu [kW]	65,000 [19.04]	81,000 [23.73]	65,000 [19.04]	81,000 [23.73]
Temperature Rise Range °F [°C]	30-60 [16.7-33.3]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	45-75 [25-41.7]
AFUE % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	3/4	3/4
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	52.7 [1494]	52.7 [1494]	53.6 [1520]	53.6 [1520]
<b>Weights</b>				
Net Weight lbs. [kg]	416 [189]	421 [191]	441 [200]	446 [202]
Ship Weight lbs. [kg]	426 [193]	431 [196]	451 [205]	456 [207]

See Page 37 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA13 Series	048ACT081AA	048ACT101AA	048ADT101AA	060ACT101AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]	60,000 [17.58]
EER/SEER <sup>2</sup>	11.5/13.5	11.5/13.5	11.5/13.5	11/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1550 [755/731]	1600/1550 [755/731]	1600/1550 [755/731]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]	57,500 [16.85]
Net Sensible Capacity Btu [kW]	32,500 [9.52]	32,500 [9.52]	32,500 [9.52]	40,300 [11.81]
Net Latent Capacity Btu [kW]	13,500 [3.96]	13,500 [3.96]	13,500 [3.96]	17,200 [5.04]
Net System Power kW	4	4	4	5.17
<b>Heating Performance (Gas)<sup>3</sup></b>				
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	65,000 [19.04]	81,000 [23.73]	81,000 [23.73]	81,000 [23.73]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	45-75 [25-41.7]	45-75 [25-41.7]	45-75 [25-41.7]
AFUE % <sup>4</sup>	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	4	4	4	5
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	78	78	78	79
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1.26 [32]
Face Area sq. ft. [sq. m]	4.1 [0.38]	4.1 [0.38]	4.1 [0.38]	4 [0.37]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
<b>Outdoor Fan—Type</b>	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3300 [1557]	3300 [1557]	3300 [1557]	3400 [1604]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
<b>Indoor Fan—Type</b>	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	1
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
<b>Filter—Type</b>	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x30 [25x610x762]
<b>Refrigerant Charge Oz. [g]</b>	69.3 [1965]	69.3 [1965]	69.3 [1965]	66.1 [1874]
<b>Weights</b>				
Net Weight lbs. [kg]	477 [216]	482 [219]	482 [219]	512 [232]
Ship Weight lbs. [kg]	487 [221]	492 [223]	492 [223]	522 [237]

See Page 37 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA13 Series	060ADT101AA
<b>Cooling Performance<sup>1</sup></b>	
Gross Cooling Capacity Btu [kW]	60,000 [17.58]
EER/SEER <sup>2</sup>	11/13
Nominal CFM/AHRI Rated CFM [L/s]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	57,500 [16.85]
Net Sensible Capacity Btu [kW]	40,300 [11.81]
Net Latent Capacity Btu [kW]	17,200 [5.04]
Net System Power kW	5.17
<b>Heating Performance (Gas)<sup>3</sup></b>	
Heating Input Btu [kW]	100,000 [29.3]
Heating Output Btu [kW]	81,000 [23.73]
Temperature Rise Range °F [°C]	45-75 [25-41.7]
AFUE % <sup>4</sup>	81
Steady State Efficiency (%)	82
No. Burners	5
No. Stages	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]
<b>Compressor</b>	
No./Type	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	
79	
<b>Outdoor Coil—Fin Type</b>	
Louvered	
Tube Type	MicroChannel
MicroChannel Depth in. [mm]	0.71 [18]
Face Area sq. ft. [sq. m]	16.3 [1.51]
Rows / FPI [FPcm]	1 / 23 [9]
<b>Indoor Coil—Fin Type</b>	
Louvered	
Tube Type	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]
Face Area sq. ft. [sq. m]	4 [0.37]
Rows / FPI [FPcm]	1 / 20 [8]
Refrigerant Control	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]
<b>Outdoor Fan—Type</b>	
Propeller	
No. Used/Diameter in. [mm]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1
CFM [L/s]	3400 [1604]
No. Motors/HP	1 at 1/3 HP
Motor RPM	1075
<b>Indoor Fan—Type</b>	
FC Centrifugal	
No. Used/Diameter in. [mm]	1/12x9 [305x229]
Drive Type	Direct
No. Speeds	Multiple
No. Motors	1
Motor HP	1
Motor RPM	1075
Motor Frame Size	48
<b>Filter—Type</b>	
Field Supplied	
Furnished	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x30 [25x610x762]
<b>Refrigerant Charge Oz. [g]</b>	
66.1 [1874]	
<b>Weights</b>	
Net Weight lbs. [kg]	512 [232]
Ship Weight lbs. [kg]	522 [237]

See Page 37 for Notes.

[ ] Designates Metric Conversions



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

Model RGEA14 Series	024AJD041AA	024AJD04XAA	024AJD061AA
<b>Cooling Performance<sup>1</sup></b>			
Gross Cooling Capacity Btu [kW]	24,800 [7.27]	24,800 [7.27]	24,800 [7.27]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>			
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 % <sup>4</sup>	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]
<b>Compressor</b>			
No./Type	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>			
	76	76	76
<b>Outdoor Coil—Fin Type</b>			
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]
<b>Indoor Coil—Fin Type</b>			
Tube Type	Louvered	Louvered	Louvered
MicroChannel Depth in. [mm]	MicroChannel	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	1 [25.4]	1 [25.4]	1 [25.4]
Rows / FPI [FPcm]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
	1 / 17 [7]	1 / 17 [7]	1 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
<b>Outdoor Fan—Type</b>			
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
<b>Indoor Fan—Type</b>			
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
<b>Filter—Type</b>			
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]
<b>Refrigerant Charge Oz. [g]</b>			
	42.7 [1211]	42.7 [1211]	42.7 [1211]
<b>Weights</b>			
Net Weight lbs. [kg]	398 [181]	398 [181]	403 [183]
Ship Weight lbs. [kg]	408 [185]	408 [185]	413 [187]

**CONTINUED** →

See Page 37 for Notes.

[ ] Designates Metric Conversions



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

Model RGEA14 Series	024AJD06XAA	030AJD061AA	030AJD06XAA	030AJD081AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	24,800 [7.27]	29,600 [8.67]	29,600 [8.67]	29,600 [8.67]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	42.7 [1211]	46.8 [1327]	46.8 [1327]	46.8 [1327]
<b>Weights</b>				
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 37 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA14 Series	030AJD08XAA	036ACD061AA	036ACD081AA	036ACD101AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	29,600 [8.67]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	46.8 [1327]	52.7 [1494]	52.7 [1494]	52.7 [1494]
<b>Weights</b>				
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 37 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA14 Series	036ADD061AA	036ADD081AA	036ADD101AA	036AJD061AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	52.7 [1494]	52.7 [1494]	52.7 [1494]	52.7 [1494]
<b>Weights</b>				
Net Weight lbs. [kg]	411 [186]	416 [189]	421 [191]	411 [186]
Ship Weight lbs. [kg]	421 [191]	426 [193]	431 [196]	421 [191]

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[ ] Designates Metric Conversions

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

Model RGEA14 Series	036AJD06XAA	036AJD081AA	036AJD08XAA	036AJD101AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	52.7 [1494]	52.7 [1494]	52.7 [1494]	52.7 [1494]
<b>Weights</b>				
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
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	35,400 [10.37]	41,000 [12.01]	41,000 [12.01]	41,000 [12.01]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	52.7 [1494]	53.6 [1520]	53.6 [1520]	53.6 [1520]
<b>Weights</b>				
Net Weight lbs. [kg]	421 [191]	441 [200]	446 [202]	441 [200]
Ship Weight lbs. [kg]	431 [196]	451 [205]	456 [207]	451 [205]

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[ ] Designates Metric Conversions





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

Model RGEA14 Series	042AJT08XAA	042AJT101AA	042AJT10XAA	048ACT081AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	41,000 [12.01]	41,000 [12.01]	41,000 [12.01]	47,500 [13.92]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	78
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	53.6 [1520]	53.6 [1520]	53.6 [1520]	69.3 [1965]
<b>Weights</b>				
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
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	78	78	78	78
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	69.3 [1965]	69.3 [1965]	69.3 [1965]	69.3 [1965]
<b>Weights</b>				
Net Weight lbs. [kg]	482 [219]	482 [219]	477 [216]	477 [216]
Ship Weight lbs. [kg]	492 [223]	492 [223]	487 [221]	487 [221]

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[ ] Designates Metric Conversions

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

Model RGEA14 Series	048AJT101AA	048AJT10XAA	060ACT101AA	060ADT101AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	47,500 [13.92]	59,000 [17.29]	59,000 [17.29]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	78	78	79	79
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	69.3 [1965]	69.3 [1965]	83.1 [2356]	83.1 [2356]
<b>Weights</b>				
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
<b>Cooling Performance<sup>1</sup></b>		
Gross Cooling Capacity Btu [kW]	59,000 [17.29]	59,000 [17.29]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>		
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 % <sup>4</sup>	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]
<b>Compressor</b>		
No./Type	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>		
	79	79
<b>Outdoor Coil—Fin Type</b>		
Tube Type	Louvered	Louvered
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]
<b>Indoor Coil—Fin Type</b>		
Tube Type	Louvered	Louvered
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]
<b>Outdoor Fan—Type</b>		
	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1
CFM [L/s]	3400 [1604]	3400 [1604]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075
<b>Indoor Fan—Type</b>		
	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct
No. Speeds	Multiple	Multiple
No. Motors	1	1
Motor HP	1	1
Motor RPM	1075	1075
Motor Frame Size	48	48
<b>Filter—Type</b>		
	Field Supplied	Field Supplied
Furnished	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]
<b>Refrigerant Charge Oz. [g]</b>		
	83.1 [2356]	83.1 [2356]
<b>Weights</b>		
Net Weight lbs. [kg]	512 [232]	512 [232]
Ship Weight lbs. [kg]	522 [237]	522 [237]

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[ ] Designates Metric Conversions

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

Model RGEA15 Series	024AJT061AA	024AJT06XAA	024AJT081AA	024AJT08XAA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	24,600 [7.21]	24,600 [7.21]	24,600 [7.21]	24,600 [7.21]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	42.6 [1208]	42.6 [1208]	42.6 [1208]	42.6 [1208]
<b>Weights</b>				
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
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	24,600 [7.21]	24,600 [7.21]	24,600 [7.21]	24,600 [7.21]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	42.6 [1208]	42.6 [1208]	42.6 [1208]	42.6 [1208]
<b>Weights</b>				
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
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	29,600 [8.67]	29,600 [8.67]	29,600 [8.67]	29,600 [8.67]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	46.8 [1327]	46.8 [1327]	46.8 [1327]	46.8 [1327]
<b>Weights</b>				
Net Weight lbs. [kg]	403 [183]	403 [183]	408 [185]	408 [185]
Ship Weight lbs. [kg]	413 [187]	413 [187]	418 [190]	418 [190]

See Page 37 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	030AJV061AA	030AJV06XAA	030AJV081AA	030AJV08XAA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	29,600 [8.67]	29,600 [8.67]	29,600 [8.67]	29,600 [8.67]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	46.8 [1327]	46.8 [1327]	46.8 [1327]	46.8 [1327]
<b>Weights</b>				
Net Weight lbs. [kg]	403 [183]	403 [183]	408 [185]	408 [185]
Ship Weight lbs. [kg]	413 [187]	413 [187]	418 [190]	418 [190]

See Page 37 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	036ACT061AA	036ACT081AA	036ACT101AA	036ADT061AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	52.7 [1494]	52.7 [1494]	52.7 [1494]	52.7 [1494]
<b>Weights</b>				
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 37 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	036ADT081AA	036ADT101AA	036AJT061AA	036AJT06XAA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	52.7 [1494]	52.7 [1494]	52.7 [1494]	52.7 [1494]
<b>Weights</b>				
Net Weight lbs. [kg]	416 [189]	421 [191]	411 [186]	411 [186]
Ship Weight lbs. [kg]	426 [193]	431 [196]	421 [191]	421 [191]

See Page 37 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	036AJT081AA	036AJT08XAA	036AJT101AA	036AJT10XAA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	52.7 [1494]	52.7 [1494]	52.7 [1494]	52.7 [1494]
<b>Weights</b>				
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
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	52.7 [1494]	52.7 [1494]	52.7 [1494]	52.7 [1494]
<b>Weights</b>				
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
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	41,000 [12.01]	41,000 [12.01]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	52.7 [1494]	52.7 [1494]	61.3 [1738]	61.3 [1738]
<b>Weights</b>				
Net Weight lbs. [kg]	421 [191]	421 [191]	445 [202]	450 [204]
Ship Weight lbs. [kg]	431 [196]	431 [196]	455 [206]	460 [209]

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[ ] Designates Metric Conversions

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

Model RGEA15 Series	042AJT081AA	042AJT08XAA	042AJT101AA	042AJT10XAA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	41,000 [12.01]	41,000 [12.01]	41,000 [12.01]	41,000 [12.01]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>				
	76	76	76	76
<b>Outdoor Coil—Fin Type</b>				
Tube Type	Louvered	Louvered	Louvered	Louvered
MicroChannel Depth in. [mm]	MicroChannel	MicroChannel	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	0.71 [18]	0.71 [18]	0.71 [18]	0.71 [18]
Rows / FPI [FPcm]	14.1 [1.31]	14.1 [1.31]	14.1 [1.31]	14.1 [1.31]
	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
<b>Indoor Coil—Fin Type</b>				
Tube Type	Louvered	Louvered	Louvered	Louvered
MicroChannel Depth in. [mm]	MicroChannel	MicroChannel	MicroChannel	MicroChannel
Face Area sq. ft. [sq. m]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Rows / FPI [FPcm]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]	3.6 [0.33]
	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]
<b>Outdoor Fan—Type</b>				
No. Used/Diameter in. [mm]	Propeller	Propeller	Propeller	Propeller
Drive Type/No. Speeds	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
CFM [L/s]	Direct/1	Direct/1	Direct/1	Direct/1
No. Motors/HP	3500 [1652]	3500 [1652]	3500 [1652]	3500 [1652]
Motor RPM	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
	1075	1075	1075	1075
<b>Indoor Fan—Type</b>				
No. Used/Diameter in. [mm]	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
Drive Type	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
No. Speeds	Direct	Direct	Direct	Direct
No. Motors	Multiple	Multiple	Multiple	Multiple
Motor HP	1	1	1	1
Motor RPM	3/4	3/4	3/4	3/4
Motor Frame Size	1075	1075	1075	1075
	48	48	48	48
<b>Filter—Type</b>				
Furnished	Field Supplied	Field Supplied	Field Supplied	Field Supplied
(NO.) Size Recommended in. [mm x mm x mm]	No	No	No	No
	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
<b>Refrigerant Charge Oz. [g]</b>				
	61.3 [1738]	61.3 [1738]	61.3 [1738]	61.3 [1738]
<b>Weights</b>				
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 37 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	042AJV081AA	042AJV08XAA	042AJV101AA	042AJV10XAA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	41,000 [12.01]	41,000 [12.01]	41,000 [12.01]	41,000 [12.01]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	61.3 [1738]	61.3 [1738]	61.3 [1738]	61.3 [1738]
<b>Weights</b>				
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 37 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	048ACT081AA	048ACT101AA	048ADT101AA	048AJT081AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	78	78	78	78
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	85.3 [2418]	85.3 [2418]	85.3 [2418]	85.3 [2418]
<b>Weights</b>				
Net Weight lbs. [kg]	492 [223]	497 [225]	497 [225]	492 [223]
Ship Weight lbs. [kg]	502 [228]	507 [230]	507 [230]	502 [228]

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[ ] Designates Metric Conversions

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

Model RGEA15 Series	048AJT08XAA	048AJT101AA	048AJT10XAA	048AJV081AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	78	78	78	78
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	85.3 [2418]	85.3 [2418]	85.3 [2418]	85.3 [2418]
<b>Weights</b>				
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 37 for Notes.

[ ] Designates Metric Conversions



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


Model RGEA15 Series	048AJV08XAA	048AJV101AA	048AJV10XAA
<b>Cooling Performance<sup>1</sup></b>			<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	47,500 [13.92]	47,500 [13.92]	47,500 [13.92]
EER/SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>			
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 % <sup>4</sup>	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]
<b>Compressor</b>			
No./Type	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	78	78	78
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	85.3 [2418]	85.3 [2418]	85.3 [2418]
<b>Weights</b>			
Net Weight lbs. [kg]	492 [223]	497 [225]	497 [225]
Ship Weight lbs. [kg]	502 [228]	507 [230]	507 [230]

See Page 37 for Notes.

[ ] Designates Metric Conversions



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

Model RGEA15 Series	060ACT101AA	060ADT101AA	060AJT101AA	060AJT10XAA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> 
Gross Cooling Capacity (2nd Stage) Btu [kW]	59,500 [17.43]	59,500 [17.43]	59,500 [17.43]	59,500 [17.43]
SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>				
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 % <sup>4</sup>	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]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>	78	78	78	78
<b>Outdoor Coil—Fin Type</b>	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]
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	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
<b>Filter—Type</b>	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]
<b>Refrigerant Charge Oz. [g]</b>	89.6 [2540]	89.6 [2540]	89.6 [2540]	89.6 [2540]
<b>Weights</b>				
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 37 for Notes.

[ ] Designates Metric Conversions



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

Model RGEA15 Series	060AJV101AA	060AJV10XAA
<b>Cooling Performance<sup>1</sup></b>		
Gross Cooling Capacity (2nd Stage) Btu [kW]	59,500 [17.43]	59,500 [17.43]
SEER <sup>2</sup>	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
<b>Heating Performance (Gas)<sup>3</sup></b>		
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 % <sup>4</sup>	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]
<b>Compressor</b>		
No./Type	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>5</sup></b>		
	78	78
<b>Outdoor Coil—Fin Type</b>		
	Louvered	Louvered
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]
<b>Indoor Coil—Fin Type</b>		
	Louvered	Louvered
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]
<b>Outdoor Fan—Type</b>		
	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1
CFM [L/s]	3300 [1557]	3300 [1557]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075
<b>Indoor Fan—Type</b>		
	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct
No. Speeds	Multiple	Multiple
No. Motors	1	1
Motor HP	1	1
Motor RPM	1050	1050
Motor Frame Size	48	48
<b>Filter—Type</b>		
	Field Supplied	Field Supplied
Furnished	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]
<b>Refrigerant Charge Oz. [g]</b>		
	89.6 [2540]	89.6 [2540]
<b>Weights</b>		
Net Weight lbs. [kg]	515 [234]	515 [234]
Ship Weight lbs. [kg]	525 [238]	525 [238]

See Page 37 for Notes.

[ ] Designates Metric Conversions



## NOTES:

1. Cooling Performance is rated at 95° F ambient, 80° F entering dry bulb, 67° F entering wet bulb. Gross capacity does not include the effect of fan motor heat. AHRI capacity is net and includes the effect of fan motor heat. Units are suitable for operation in CFM range shown in airflow tables. Units are certified in accordance with the Unitary Air Conditioner Equipment certification program, which is based on AHRI Standard 210/240 or 360.
2. EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
3. Heating Performance limit settings and rating data were established and approved under laboratory test conditions using American National Standard Institute standards. Ratings shown are for elevations up to 2000 feet. For elevations above 2000 feet, ratings should be reduced at the rate of 4% for each 1000 feet above sea level.
4. AFUE is rated in accordance with DOE test procedures.
5. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.



## GROSS SYSTEMS PERFORMANCE DATA—RGEA13036A

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]	
DR ①		0.23	0.21	0.18	0.23	0.21	0.18	0.23	0.21	0.18	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	44.3 [13.0] 25.4 [7.4] 2.0	43.5 [12.8] 24.2 [7.1] 2.0	42.3 [12.4] 22.5 [6.6] 2.0	41.4 [12.1] 29.6 [8.7] 2.0	40.6 [11.9] 28.3 [8.3] 2.0	39.5 [11.6] 26.3 [7.7] 2.0	38.3 [11.2] 32.8 [9.6] 2.0	37.6 [11.0] 31.3 [9.2] 2.0	36.6 [10.7] 29.1 [8.5] 2.0
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	43.0 [12.6] 24.7 [7.2] 2.1	42.2 [12.4] 23.6 [6.9] 2.1	41.1 [12.0] 21.9 [6.4] 2.1	40.0 [11.7] 28.9 [8.5] 2.1	39.3 [11.5] 27.6 [8.1] 2.1	38.2 [11.2] 25.7 [7.5] 2.1	37.0 [10.8] 32.1 [9.4] 2.1	36.3 [10.6] 30.7 [9.0] 2.1	35.3 [10.3] 28.5 [8.4] 2.1
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	41.7 [12.2] 24.0 [7.0] 2.3	40.9 [12.0] 22.9 [6.7] 2.2	39.8 [11.7] 21.3 [6.2] 2.2	38.7 [11.3] 28.2 [8.3] 2.2	38.0 [11.1] 27.0 [7.9] 2.2	37.0 [10.8] 25.1 [7.3] 2.2	35.6 [10.4] 31.4 [9.2] 2.2	35.0 [10.3] 30.0 [8.8] 2.2	34.0 [10.0] 27.9 [8.2] 2.2
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	40.3 [11.8] 23.2 [6.8] 2.4	39.6 [11.6] 22.2 [6.5] 2.4	38.5 [11.3] 20.7 [6.1] 2.3	37.3 [10.9] 27.5 [8.1] 2.4	36.7 [10.7] 26.3 [7.7] 2.4	35.7 [10.5] 24.4 [7.2] 2.3	34.3 [10.0] 30.7 [9.0] 2.4	33.7 [9.9] 29.3 [8.6] 2.4	32.7 [9.6] 27.3 [8.0] 2.3
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	38.9 [11.4] 22.5 [6.6] 2.5	38.3 [11.2] 21.5 [6.3] 2.5	37.2 [10.9] 20.0 [5.9] 2.5	36.0 [10.5] 26.7 [7.8] 2.5	35.3 [10.4] 25.5 [7.5] 2.5	34.4 [10.1] 23.7 [7.0] 2.5	32.9 [9.6] 29.9 [8.8] 2.5	32.3 [9.5] 28.6 [8.4] 2.5	31.4 [9.2] 26.6 [7.8] 2.5
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	37.6 [11.0] 21.7 [6.4] 2.7	36.9 [10.8] 20.7 [6.1] 2.7	35.9 [10.5] 19.3 [5.7] 2.6	34.6 [10.1] 25.9 [7.6] 2.7	34.0 [10.0] 24.8 [7.3] 2.7	33.0 [9.7] 23.0 [6.8] 2.6	31.5 [9.2] 29.1 [8.5] 2.7	30.9 [9.1] 27.8 [8.2] 2.6	30.1 [8.8] 25.9 [7.6] 2.6
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	36.1 [10.6] 20.9 [6.1] 2.9	35.5 [10.4] 20.0 [5.8] 2.8	34.5 [10.1] 18.6 [5.4] 2.8	33.2 [9.7] 25.1 [7.4] 2.8	32.6 [9.5] 24.0 [7.0] 2.8	31.7 [9.3] 22.3 [6.5] 2.8	30.1 [8.8] 28.3 [8.3] 2.8	29.6 [8.7] 27.1 [7.9] 2.8	28.7 [8.4] 25.2 [7.4] 2.8
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	34.7 [10.2] 20.1 [5.9] 3.0	34.1 [10.0] 19.2 [5.6] 3.0	33.2 [9.7] 17.8 [5.2] 3.0	31.7 [9.3] 24.3 [7.1] 3.0	31.2 [9.1] 23.2 [6.8] 3.0	30.3 [8.9] 21.6 [6.3] 3.0	28.7 [8.4] 27.5 [8.1] 3.0	28.2 [8.3] 26.3 [7.7] 3.0	27.4 [8.0] 24.4 [7.2] 3.0
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	33.3 [9.8] 19.2 [5.6] 3.2	32.7 [9.6] 18.3 [5.4] 3.2	31.8 [9.3] 17.0 [5.0] 3.2	30.3 [8.9] 23.4 [6.9] 3.2	29.8 [8.7] 22.4 [6.6] 3.2	28.9 [8.5] 20.8 [6.1] 3.2	27.2 [8.0] 26.6 [7.8] 3.2	26.7 [7.8] 25.4 [7.5] 3.2	26.0 [7.6] 23.7 [6.9] 3.1
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	31.8 [9.3] 18.3 [5.4] 3.4	31.2 [9.2] 17.5 [5.1] 3.4	30.4 [8.9] 16.3 [4.8] 3.4	28.8 [8.5] 22.5 [6.6] 3.4	28.3 [8.3] 21.5 [6.3] 3.4	27.5 [8.1] 20.0 [5.9] 3.4	25.8 [7.5] 25.7 [7.5] 3.4	25.3 [7.4] 24.6 [7.2] 3.4	24.6 [7.2] 22.9 [6.7] 3.3
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	30.3 [8.9] 17.4 [5.1] 3.6	29.8 [8.7] 16.6 [4.9] 3.6	29.0 [8.5] 15.4 [4.5] 3.6	27.4 [8.0] 21.6 [6.3] 3.6	26.9 [7.9] 20.7 [6.1] 3.6	26.1 [7.7] 19.2 [5.6] 3.6	24.3 [7.1] 24.3 [7.1] 3.6	23.8 [7.0] 23.7 [6.9] 3.6	23.2 [6.8] 22.0 [6.5] 3.6

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

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

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

[ ] Designates Metric Conversions





## GROSS SYSTEMS PERFORMANCE DATA – RGEA13042A

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

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

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

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

[ ] Designates Metric Conversions





## GROSS SYSTEMS PERFORMANCE DATA—RGEA13048A

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1700 [802]	1550 [732]	1320 [623]	1700 [802]	1550 [732]	1320 [623]	1700 [802]	1550 [732]	1320 [623]	
DR ①		0.21	0.19	0.17	0.21	0.19	0.17	0.21	0.19	0.17	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	58.8 [17.2] 33.0 [9.7] 2.8	57.8 [16.9] 31.6 [9.3] 2.8	56.3 [16.5] 29.4 [8.6] 2.7	55.4 [16.2] 39.1 [11.5] 2.8	54.4 [15.9] 37.4 [11.0] 2.7	53.0 [15.5] 34.8 [10.2] 2.7	52.6 [15.4] 45.0 [13.2] 2.7	51.7 [15.1] 43.0 [12.6] 2.7	50.3 [14.7] 40.1 [11.7] 2.7
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	57.1 [16.7] 32.2 [9.4] 2.9	56.1 [16.4] 30.8 [9.0] 2.9	54.6 [16.0] 28.7 [8.4] 2.9	53.6 [15.7] 38.3 [11.2] 2.9	52.7 [15.4] 36.6 [10.7] 2.9	51.3 [15.0] 34.1 [10.0] 2.9	50.8 [14.9] 44.2 [12.9] 2.9	49.9 [14.6] 42.3 [12.4] 2.9	48.6 [14.2] 39.3 [11.5] 2.8
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	55.3 [16.2] 31.4 [9.2] 3.1	54.4 [15.9] 30.0 [8.8] 3.1	52.9 [15.5] 27.9 [8.2] 3.0	51.9 [15.2] 37.4 [11.0] 3.1	51.0 [14.9] 35.8 [10.5] 3.1	49.6 [14.5] 33.3 [9.8] 3.0	49.1 [14.4] 43.3 [12.7] 3.1	48.2 [14.1] 41.4 [12.1] 3.0	46.9 [13.7] 38.6 [11.3] 3.0
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	53.6 [15.7] 30.4 [8.9] 3.3	52.6 [15.4] 29.1 [8.5] 3.3	51.2 [15.0] 27.1 [7.9] 3.2	50.1 [14.7] 36.5 [10.7] 3.3	49.2 [14.4] 34.9 [10.2] 3.2	47.9 [14.0] 32.5 [9.5] 3.2	47.3 [13.9] 42.4 [12.4] 3.2	46.5 [13.6] 40.6 [11.9] 3.2	45.2 [13.3] 37.8 [11.1] 3.2
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	51.8 [15.2] 29.5 [8.6] 3.5	50.9 [14.9] 28.2 [8.3] 3.5	49.5 [14.5] 26.3 [7.7] 3.4	48.4 [14.2] 35.6 [10.4] 3.5	47.5 [13.9] 34.0 [10.0] 3.4	46.3 [13.6] 31.7 [9.3] 3.4	45.6 [13.4] 41.5 [12.1] 3.4	44.8 [13.1] 39.7 [11.6] 3.4	43.6 [12.8] 36.9 [10.8] 3.4
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	50.1 [14.7] 28.5 [8.4] 3.7	49.2 [14.4] 27.3 [8.0] 3.7	47.9 [14.0] 25.4 [7.4] 3.6	46.6 [13.7] 34.6 [10.1] 3.7	45.8 [13.4] 33.1 [9.7] 3.7	44.6 [13.1] 30.8 [9.0] 3.6	43.8 [12.8] 40.5 [11.9] 3.7	43.1 [12.6] 38.7 [11.3] 3.6	41.9 [12.3] 36.0 [10.6] 3.6
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	48.4 [14.2] 27.5 [8.1] 4.0	47.5 [13.9] 26.3 [7.7] 3.9	46.2 [13.5] 24.5 [7.2] 3.9	44.9 [13.2] 33.6 [9.8] 3.9	44.1 [12.9] 32.1 [9.4] 3.9	42.9 [12.6] 29.9 [8.8] 3.8	42.1 [12.3] 39.4 [11.6] 3.9	41.4 [12.1] 37.7 [11.1] 3.9	40.3 [11.8] 35.1 [10.3] 3.8
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	46.6 [13.7] 26.4 [7.7] 4.2	45.8 [13.4] 25.3 [7.4] 4.2	44.6 [13.1] 23.5 [6.9] 4.1	43.2 [12.7] 32.5 [9.5] 4.2	42.4 [12.4] 31.1 [9.1] 4.2	41.3 [12.1] 28.9 [8.5] 4.1	40.4 [11.8] 38.4 [11.2] 4.2	39.7 [11.6] 36.7 [10.8] 4.1	38.6 [11.3] 34.2 [10.0] 4.1
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	44.9 [13.2] 25.3 [7.4] 4.5	44.1 [12.9] 24.2 [7.1] 4.5	42.9 [12.6] 22.6 [6.6] 4.4	41.5 [12.2] 31.4 [9.2] 4.5	40.8 [11.9] 30.0 [8.8] 4.4	39.7 [11.6] 28.0 [8.2] 4.4	38.7 [11.3] 37.3 [10.9] 4.4	38.0 [11.1] 35.7 [10.5] 4.4	37.0 [10.8] 33.2 [9.7] 4.4
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	43.2 [12.7] 24.2 [7.1] 4.8	42.5 [12.4] 23.1 [6.8] 4.8	41.3 [12.1] 21.5 [6.3] 4.7	39.8 [11.7] 30.3 [8.9] 4.8	39.1 [11.4] 28.9 [8.5] 4.7	38.0 [11.1] 26.9 [7.9] 4.7	37.0 [10.8] 36.1 [10.6] 4.7	36.3 [10.6] 34.6 [10.1] 4.7	35.3 [10.4] 32.2 [9.4] 4.6
125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	41.5 [12.2] 23.0 [6.7] 5.1	40.8 [12.0] 22.0 [6.4] 5.1	39.7 [11.6] 20.5 [6.0] 5.0	38.1 [11.2] 29.1 [8.5] 5.1	37.4 [11.0] 27.8 [8.2] 5.0	36.4 [10.7] 25.9 [7.6] 5.0	35.3 [10.3] 35.0 [10.2] 5.1	34.6 [10.2] 33.4 [9.8] 5.0	33.7 [9.9] 31.1 [9.1] 5.0	

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

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

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

[ ] Designates Metric Conversions





## GROSS SYSTEMS PERFORMANCE DATA – RGEA13060A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1870 [883]	1700 [802]	1440 [680]	1870 [883]	1700 [802]	1440 [680]	1870 [883]	1700 [802]	1440 [680]	
DR ①		0.14	0.13	0.11	0.14	0.13	0.11	0.14	0.13	0.11	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	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—RGEA14024A

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		990 [467]	900 [425]	760 [359]	990 [467]	900 [425]	760 [359]	990 [467]	900 [425]	760 [359]	
DR ①		0.18	0.15	0.12	0.18	0.15	0.12	0.18	0.15	0.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	31.2 [9.1]	30.6 [9.0]	29.7 [8.7]	29.3 [8.6]	28.8 [8.4]	28.0 [8.2]	27.8 [8.2]	27.3 [8.0]	26.6 [7.8]
		Sens BTUH [kW]	19.3 [5.7]	18.5 [5.4]	17.1 [5.0]	22.6 [6.6]	21.6 [6.3]	20.0 [5.9]	25.3 [7.4]	24.2 [7.1]	22.5 [6.6]
		Power	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	80 [26.7]	Total BTUH [kW]	30.1 [8.8]	29.6 [8.7]	28.8 [8.4]	28.3 [8.3]	27.8 [8.2]	27.0 [7.9]	26.8 [7.9]	26.3 [7.7]	25.6 [7.5]
		Sens BTUH [kW]	18.7 [5.5]	17.9 [5.2]	16.6 [4.9]	22.0 [6.4]	21.0 [6.2]	19.5 [5.7]	24.7 [7.2]	23.6 [6.9]	21.9 [6.4]
		Power	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	85 [29.4]	Total BTUH [kW]	29.1 [8.5]	28.6 [8.4]	27.8 [8.1]	27.3 [8.0]	26.8 [7.9]	26.1 [7.6]	25.8 [7.6]	25.4 [7.4]	24.6 [7.2]
		Sens BTUH [kW]	18.1 [5.3]	17.3 [5.1]	16.0 [4.7]	21.4 [6.3]	20.4 [6.0]	18.9 [5.5]	24.1 [7.1]	23.0 [6.8]	21.4 [6.3]
		Power	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	90 [32.2]	Total BTUH [kW]	28.1 [8.2]	27.6 [8.1]	26.8 [7.9]	26.3 [7.7]	25.8 [7.6]	25.1 [7.4]	24.8 [7.3]	24.4 [7.1]	23.7 [6.9]
		Sens BTUH [kW]	17.5 [5.1]	16.7 [4.9]	15.5 [4.5]	20.8 [6.1]	19.8 [5.8]	18.4 [5.4]	23.5 [6.9]	22.5 [6.6]	20.8 [6.1]
		Power	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
95 [35]	Total BTUH [kW]	27.1 [7.9]	26.6 [7.8]	25.9 [7.6]	25.3 [7.4]	24.9 [7.3]	24.2 [7.1]	23.8 [7.0]	23.4 [6.8]	22.7 [6.7]	
	Sens BTUH [kW]	16.9 [5.0]	16.1 [4.7]	15.0 [4.4]	20.2 [5.9]	19.3 [5.6]	17.9 [5.2]	22.9 [6.7]	21.9 [6.4]	20.3 [5.9]	
	Power	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
100 [37.8]	Total BTUH [kW]	26.1 [7.6]	25.6 [7.5]	24.9 [7.3]	24.3 [7.1]	23.9 [7.0]	23.2 [6.8]	22.8 [6.7]	22.4 [6.6]	21.7 [6.4]	
	Sens BTUH [kW]	16.3 [4.8]	15.6 [4.6]	14.4 [4.2]	19.6 [5.7]	18.7 [5.5]	17.3 [5.1]	22.3 [6.5]	21.3 [6.2]	19.8 [5.8]	
	Power	2.0	1.9	1.9	2.0	1.9	1.9	2.0	1.9	1.9	
105 [40.6]	Total BTUH [kW]	25.1 [7.4]	24.6 [7.2]	23.9 [7.0]	23.3 [6.8]	22.9 [6.7]	22.2 [6.5]	21.8 [6.4]	21.4 [6.3]	20.8 [6.1]	
	Sens BTUH [kW]	15.7 [4.6]	15.0 [4.4]	13.9 [4.1]	19.0 [5.6]	18.1 [5.3]	16.8 [4.9]	21.7 [6.4]	20.7 [6.1]	19.2 [5.6]	
	Power	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.0	
110 [43.3]	Total BTUH [kW]	24.1 [7.1]	23.6 [6.9]	23.0 [6.7]	22.3 [6.5]	21.9 [6.4]	21.2 [6.2]	20.7 [6.1]	20.4 [6.0]	19.8 [5.8]	
	Sens BTUH [kW]	15.1 [4.4]	14.4 [4.2]	13.4 [3.9]	18.4 [5.4]	17.5 [5.1]	16.3 [4.8]	20.7 [6.1]	20.2 [5.9]	18.7 [5.5]	
	Power	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
115 [46.1]	Total BTUH [kW]	23.1 [6.8]	22.6 [6.6]	22.0 [6.4]	21.2 [6.2]	20.9 [6.1]	20.3 [5.9]	19.7 [5.8]	19.4 [5.7]	18.8 [5.5]	
	Sens BTUH [kW]	14.5 [4.3]	13.9 [4.1]	12.9 [3.8]	17.8 [5.2]	17.0 [5.0]	15.7 [4.6]	19.7 [5.8]	19.4 [5.7]	18.2 [5.3]	
	Power	2.4	2.4	2.3	2.4	2.4	2.3	2.4	2.4	2.3	
120 [48.9]	Total BTUH [kW]	22.0 [6.5]	21.6 [6.3]	21.0 [6.2]	20.2 [5.9]	19.9 [5.8]	19.3 [5.7]	18.7 [5.5]	18.4 [5.4]	17.9 [5.2]	
	Sens BTUH [kW]	13.9 [4.1]	13.3 [3.9]	12.3 [3.6]	17.2 [5.0]	16.4 [4.8]	15.2 [4.5]	18.7 [5.5]	18.4 [5.4]	17.7 [5.2]	
	Power	2.6	2.5	2.5	2.6	2.5	2.5	2.6	2.5	2.5	
125 [51.7]	Total BTUH [kW]	21.0 [6.2]	20.6 [6.0]	20.1 [5.9]	19.2 [5.6]	18.9 [5.5]	18.3 [5.4]	17.7 [5.2]	17.4 [5.1]	16.9 [4.9]	
	Sens BTUH [kW]	13.3 [3.9]	12.7 [3.7]	11.8 [3.5]	16.6 [4.9]	15.8 [4.6]	14.7 [4.3]	17.7 [5.2]	17.4 [5.1]	16.9 [4.9]	
	Power	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	

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

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

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

[ ] Designates Metric Conversions





## GROSS SYSTEMS PERFORMANCE DATA – RGEA14030A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]	
DR ①		0.16	0.15	0.11	0.16	0.15	0.11	0.16	0.15	0.11	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	37.0 [10.9]	36.4 [10.7]	35.4 [10.4]	35.0 [10.3]	34.4 [10.1]	33.4 [9.8]	33.2 [9.7]	32.6 [9.6]	31.7 [9.3]
		Sens BTUH [kW]	21.6 [6.3]	20.6 [6.0]	19.2 [5.6]	25.6 [7.5]	24.4 [7.2]	22.7 [6.7]	28.8 [8.4]	27.5 [8.1]	25.6 [7.5]
		Power	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6
	80 [26.7]	Total BTUH [kW]	36.0 [10.5]	35.4 [10.4]	34.4 [10.1]	33.9 [9.9]	33.3 [9.8]	32.4 [9.5]	32.2 [9.4]	31.6 [9.3]	30.7 [9.0]
		Sens BTUH [kW]	21.1 [6.2]	20.1 [5.9]	18.7 [5.5]	25.1 [7.4]	24.0 [7.0]	22.3 [6.5]	28.3 [8.3]	27.0 [7.9]	25.1 [7.4]
		Power	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	85 [29.4]	Total BTUH [kW]	34.9 [10.2]	34.3 [10.1]	33.4 [9.8]	32.9 [9.6]	32.3 [9.5]	31.4 [9.2]	31.1 [9.1]	30.6 [9.0]	29.7 [8.7]
		Sens BTUH [kW]	20.6 [6.0]	19.7 [5.8]	18.3 [5.4]	24.6 [7.2]	23.5 [6.9]	21.8 [6.4]	27.8 [8.1]	26.5 [7.8]	24.7 [7.2]
		Power	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	90 [32.2]	Total BTUH [kW]	33.9 [9.9]	33.3 [9.7]	32.3 [9.5]	31.8 [9.3]	31.2 [9.2]	30.4 [8.9]	30.0 [8.8]	29.5 [8.6]	28.7 [8.4]
		Sens BTUH [kW]	20.1 [5.9]	19.2 [5.6]	17.8 [5.2]	24.1 [7.1]	23.0 [6.7]	21.4 [6.3]	27.3 [8.0]	26.0 [7.6]	24.2 [7.1]
		Power	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
95 [35]	Total BTUH [kW]	32.8 [9.6]	32.2 [9.4]	31.3 [9.2]	30.7 [9.0]	30.2 [8.8]	29.3 [8.6]	28.9 [8.5]	28.4 [8.3]	27.6 [8.1]	
	Sens BTUH [kW]	19.5 [5.7]	18.6 [5.5]	17.3 [5.1]	23.5 [6.9]	22.5 [6.6]	20.9 [6.1]	26.7 [7.8]	25.5 [7.5]	23.7 [7.0]	
	Power	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
100 [37.8]	Total BTUH [kW]	31.6 [9.3]	31.1 [9.1]	30.2 [8.9]	29.6 [8.7]	29.1 [8.5]	28.3 [8.3]	27.8 [8.2]	27.3 [8.0]	26.6 [7.8]	
	Sens BTUH [kW]	18.9 [5.5]	18.1 [5.3]	16.8 [4.9]	22.9 [6.7]	21.9 [6.4]	20.4 [6.0]	26.1 [7.7]	25.0 [7.3]	23.2 [6.8]	
	Power	2.2	2.2	2.1	2.2	2.1	2.1	2.2	2.1	2.1	
105 [40.6]	Total BTUH [kW]	30.5 [8.9]	30.0 [8.8]	29.2 [8.5]	28.5 [8.3]	28.0 [8.2]	27.2 [8.0]	26.7 [7.8]	26.2 [7.7]	25.5 [7.5]	
	Sens BTUH [kW]	18.3 [5.4]	17.5 [5.1]	16.3 [4.8]	22.3 [6.5]	21.3 [6.2]	19.8 [5.8]	25.5 [7.5]	24.4 [7.1]	22.7 [6.6]	
	Power	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.2	
110 [43.3]	Total BTUH [kW]	29.4 [8.6]	28.8 [8.5]	28.1 [8.2]	27.3 [8.0]	26.8 [7.9]	26.1 [7.6]	25.5 [7.5]	25.1 [7.4]	24.4 [7.2]	
	Sens BTUH [kW]	17.7 [5.2]	16.9 [5.0]	15.7 [4.6]	21.7 [6.4]	20.7 [6.1]	19.3 [5.6]	24.9 [7.3]	23.8 [7.0]	22.1 [6.5]	
	Power	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
115 [46.1]	Total BTUH [kW]	28.2 [8.3]	27.7 [8.1]	26.9 [7.9]	26.1 [7.7]	25.7 [7.5]	25.0 [7.3]	24.4 [7.1]	23.9 [7.0]	23.3 [6.8]	
	Sens BTUH [kW]	17.0 [5.0]	16.3 [4.8]	15.1 [4.4]	21.0 [6.2]	20.1 [5.9]	18.7 [5.5]	24.2 [7.1]	23.1 [6.8]	21.5 [6.3]	
	Power	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.5	2.5	
120 [48.9]	Total BTUH [kW]	27.0 [7.9]	26.5 [7.8]	25.8 [7.6]	25.0 [7.3]	24.5 [7.2]	23.9 [7.0]	23.2 [6.8]	22.8 [6.7]	22.2 [6.5]	
	Sens BTUH [kW]	16.3 [4.8]	15.6 [4.6]	14.5 [4.3]	20.3 [6.0]	19.4 [5.7]	18.1 [5.3]	23.2 [6.8]	22.5 [6.6]	20.9 [6.1]	
	Power	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
125 [51.7]	Total BTUH [kW]	25.8 [7.6]	25.4 [7.4]	24.7 [7.2]	23.8 [7.0]	23.3 [6.8]	22.7 [6.7]	22.0 [6.4]	21.6 [6.3]	21.0 [6.2]	
	Sens BTUH [kW]	15.6 [4.6]	14.9 [4.4]	13.9 [4.1]	19.6 [5.8]	18.8 [5.5]	17.4 [5.1]	22.0 [6.4]	21.6 [6.3]	20.3 [5.9]	
	Power	2.9	2.9	2.8	2.9	2.9	2.8	2.9	2.9	2.8	

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

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

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

[ ] Designates Metric Conversions





## GROSS SYSTEMS PERFORMANCE DATA—RGEA14036A

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]	
DR ①		0.23	0.21	0.18	0.23	0.21	0.18	0.23	0.21	0.18	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	44.3 [13.0] 25.4 [7.4] 2.0	43.5 [12.8] 24.2 [7.1] 2.0	42.3 [12.4] 22.5 [6.6] 2.0	41.4 [12.1] 29.6 [8.7] 2.0	40.6 [11.9] 28.3 [8.3] 2.0	39.5 [11.6] 26.3 [7.7] 2.0	38.3 [11.2] 32.8 [9.6] 2.0	37.6 [11.0] 31.3 [9.2] 2.0	36.6 [10.7] 29.1 [8.5] 2.0
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	43.0 [12.6] 24.7 [7.2] 2.1	42.2 [12.4] 23.6 [6.9] 2.1	41.1 [12.0] 21.9 [6.4] 2.1	40.0 [11.7] 28.9 [8.5] 2.1	39.3 [11.5] 27.6 [8.1] 2.1	38.2 [11.2] 25.7 [7.5] 2.1	37.0 [10.8] 32.1 [9.4] 2.1	36.3 [10.6] 30.7 [9.0] 2.1	35.3 [10.3] 28.5 [8.4] 2.1
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	41.7 [12.2] 24.0 [7.0] 2.3	40.9 [12.0] 22.9 [6.7] 2.2	39.8 [11.7] 21.3 [6.2] 2.2	38.7 [11.3] 28.2 [8.3] 2.2	38.0 [11.1] 27.0 [7.9] 2.2	37.0 [10.8] 25.1 [7.3] 2.2	35.6 [10.4] 31.4 [9.2] 2.2	35.0 [10.3] 30.0 [8.8] 2.2	34.0 [10.0] 27.9 [8.2] 2.2
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	40.3 [11.8] 23.2 [6.8] 2.4	39.6 [11.6] 22.2 [6.5] 2.4	38.5 [11.3] 20.7 [6.1] 2.3	37.3 [10.9] 27.5 [8.1] 2.4	36.7 [10.7] 26.3 [7.7] 2.4	35.7 [10.5] 24.4 [7.2] 2.3	34.3 [10.0] 30.7 [9.0] 2.4	33.7 [9.9] 29.3 [8.6] 2.4	32.7 [9.6] 27.3 [8.0] 2.3
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	38.9 [11.4] 22.5 [6.6] 2.5	38.3 [11.2] 21.5 [6.3] 2.5	37.2 [10.9] 20.0 [5.9] 2.5	36.0 [10.5] 26.7 [7.8] 2.5	35.3 [10.4] 25.5 [7.5] 2.5	34.4 [10.1] 23.7 [7.0] 2.5	32.9 [9.6] 29.9 [8.8] 2.5	32.3 [9.5] 28.6 [8.4] 2.5	31.4 [9.2] 26.6 [7.8] 2.5
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	37.6 [11.0] 21.7 [6.4] 2.7	36.9 [10.8] 20.7 [6.1] 2.7	35.9 [10.5] 19.3 [5.7] 2.6	34.6 [10.1] 25.9 [7.6] 2.7	34.0 [10.0] 24.8 [7.3] 2.7	33.0 [9.7] 23.0 [6.8] 2.6	31.5 [9.2] 29.1 [8.5] 2.7	30.9 [9.1] 27.8 [8.2] 2.6	30.1 [8.8] 25.9 [7.6] 2.6
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	36.1 [10.6] 20.9 [6.1] 2.9	35.5 [10.4] 20.0 [5.8] 2.8	34.5 [10.1] 18.6 [5.4] 2.8	33.2 [9.7] 25.1 [7.4] 2.8	32.6 [9.5] 24.0 [7.0] 2.8	31.7 [9.3] 22.3 [6.5] 2.8	30.1 [8.8] 28.3 [8.3] 2.8	29.6 [8.7] 27.1 [7.9] 2.8	28.7 [8.4] 25.2 [7.4] 2.8
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	34.7 [10.2] 20.1 [5.9] 3.0	34.1 [10.0] 19.2 [5.6] 3.0	33.2 [9.7] 17.8 [5.2] 3.0	31.7 [9.3] 24.3 [7.1] 3.0	31.2 [9.1] 23.2 [6.8] 3.0	30.3 [8.9] 21.6 [6.3] 3.0	28.7 [8.4] 27.5 [8.1] 3.0	28.2 [8.3] 26.3 [7.7] 3.0	27.4 [8.0] 24.4 [7.2] 3.0
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	33.3 [9.8] 19.2 [5.6] 3.2	32.7 [9.6] 18.3 [5.4] 3.2	31.8 [9.3] 17.0 [5.0] 3.2	30.3 [8.9] 23.4 [6.9] 3.2	29.8 [8.7] 22.4 [6.6] 3.2	28.9 [8.5] 20.8 [6.1] 3.2	27.2 [8.0] 26.6 [7.8] 3.2	26.7 [7.8] 25.4 [7.5] 3.2	26.0 [7.6] 23.7 [6.9] 3.1
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	31.8 [9.3] 18.3 [5.4] 3.4	31.2 [9.2] 17.5 [5.1] 3.4	30.4 [8.9] 16.3 [4.8] 3.4	28.8 [8.5] 22.5 [6.6] 3.4	28.3 [8.3] 21.5 [6.3] 3.4	27.5 [8.1] 20.0 [5.9] 3.4	25.8 [7.5] 25.7 [7.5] 3.4	25.3 [7.4] 24.6 [7.2] 3.4	24.6 [7.2] 22.9 [6.7] 3.3
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	30.3 [8.9] 17.4 [5.1] 3.6	29.8 [8.7] 16.6 [4.9] 3.6	29.0 [8.5] 15.4 [4.5] 3.6	27.4 [8.0] 21.6 [6.3] 3.6	26.9 [7.9] 20.7 [6.1] 3.6	26.1 [7.7] 19.2 [5.6] 3.6	24.3 [7.1] 24.3 [7.1] 3.6	23.8 [7.0] 23.7 [6.9] 3.6	23.2 [6.8] 22.0 [6.5] 3.6

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

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

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

[ ] Designates Metric Conversions







# GROSS SYSTEMS PERFORMANCE DATA – RGEA14042A

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

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

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

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

[ ] Designates Metric Conversions





## GROSS SYSTEMS PERFORMANCE DATA—RGEA14048A

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1700 [802]	1550 [732]	1320 [623]	1700 [802]	1550 [732]	1320 [623]	1700 [802]	1550 [732]	1320 [623]	
DR ①		0.21	0.19	0.17	0.21	0.19	0.17	0.21	0.19	0.17	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	58.8 [17.2] 33.0 [9.7] 2.8	57.8 [16.9] 31.6 [9.3] 2.8	56.3 [16.5] 29.4 [8.6] 2.7	55.4 [16.2] 39.1 [11.5] 2.8	54.4 [15.9] 37.4 [11.0] 2.7	53.0 [15.5] 34.8 [10.2] 2.7	52.6 [15.4] 45.0 [13.2] 2.7	51.7 [15.1] 43.0 [12.6] 2.7	50.3 [14.7] 40.1 [11.7] 2.7
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	57.1 [16.7] 32.2 [9.4] 2.9	56.1 [16.4] 30.8 [9.0] 2.9	54.6 [16.0] 28.7 [8.4] 2.9	53.6 [15.7] 38.3 [11.2] 2.9	52.7 [15.4] 36.6 [10.7] 2.9	51.3 [15.0] 34.1 [10.0] 2.9	50.8 [14.9] 44.2 [12.9] 2.9	49.9 [14.6] 42.3 [12.4] 2.9	48.6 [14.2] 39.3 [11.5] 2.8
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	55.3 [16.2] 31.4 [9.2] 3.1	54.4 [15.9] 30.0 [8.8] 3.1	52.9 [15.5] 27.9 [8.2] 3.0	51.9 [15.2] 37.4 [11.0] 3.1	51.0 [14.9] 35.8 [10.5] 3.1	49.6 [14.5] 33.3 [9.8] 3.0	49.1 [14.4] 43.3 [12.7] 3.1	48.2 [14.1] 41.4 [12.1] 3.0	46.9 [13.7] 38.6 [11.3] 3.0
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	53.6 [15.7] 30.4 [8.9] 3.3	52.6 [15.4] 29.1 [8.5] 3.3	51.2 [15.0] 27.1 [7.9] 3.2	50.1 [14.7] 36.5 [10.7] 3.3	49.2 [14.4] 34.9 [10.2] 3.2	47.9 [14.0] 32.5 [9.5] 3.2	47.3 [13.9] 42.4 [12.4] 3.2	46.5 [13.6] 40.6 [11.9] 3.2	45.2 [13.3] 37.8 [11.1] 3.2
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	51.8 [15.2] 29.5 [8.6] 3.5	50.9 [14.9] 28.2 [8.3] 3.5	49.5 [14.5] 26.3 [7.7] 3.4	48.4 [14.2] 35.6 [10.4] 3.5	47.5 [13.9] 34.0 [10.0] 3.4	46.3 [13.6] 31.7 [9.3] 3.4	45.6 [13.4] 41.5 [12.1] 3.4	44.8 [13.1] 39.7 [11.6] 3.4	43.6 [12.8] 36.9 [10.8] 3.4
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	50.1 [14.7] 28.5 [8.4] 3.7	49.2 [14.4] 27.3 [8.0] 3.7	47.9 [14.0] 25.4 [7.4] 3.6	46.6 [13.7] 34.6 [10.1] 3.7	45.8 [13.4] 33.1 [9.7] 3.7	44.6 [13.1] 30.8 [9.0] 3.6	43.8 [12.8] 40.5 [11.9] 3.7	43.1 [12.6] 38.7 [11.3] 3.6	41.9 [12.3] 36.0 [10.6] 3.6
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	48.4 [14.2] 27.5 [8.1] 4.0	47.5 [13.9] 26.3 [7.7] 3.9	46.2 [13.5] 24.5 [7.2] 3.9	44.9 [13.2] 33.6 [9.8] 3.9	44.1 [12.9] 32.1 [9.4] 3.9	42.9 [12.6] 29.9 [8.8] 3.8	42.1 [12.3] 39.4 [11.6] 3.9	41.4 [12.1] 37.7 [11.1] 3.9	40.3 [11.8] 35.1 [10.3] 3.8
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	46.6 [13.7] 26.4 [7.7] 4.2	45.8 [13.4] 25.3 [7.4] 4.2	44.6 [13.1] 23.5 [6.9] 4.1	43.2 [12.7] 32.5 [9.5] 4.2	42.4 [12.4] 31.1 [9.1] 4.2	41.3 [12.1] 28.9 [8.5] 4.1	40.4 [11.8] 38.4 [11.2] 4.2	39.7 [11.6] 36.7 [10.8] 4.1	38.6 [11.3] 34.2 [10.0] 4.1
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	44.9 [13.2] 25.3 [7.4] 4.5	44.1 [12.9] 24.2 [7.1] 4.5	42.9 [12.6] 22.6 [6.6] 4.4	41.5 [12.2] 31.4 [9.2] 4.5	40.8 [11.9] 30.0 [8.8] 4.4	39.7 [11.6] 28.0 [8.2] 4.4	38.7 [11.3] 37.3 [10.9] 4.4	38.0 [11.1] 35.7 [10.5] 4.4	37.0 [10.8] 33.2 [9.7] 4.4
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	43.2 [12.7] 24.2 [7.1] 4.8	42.5 [12.4] 23.1 [6.8] 4.8	41.3 [12.1] 21.5 [6.3] 4.7	39.8 [11.7] 30.3 [8.9] 4.8	39.1 [11.4] 28.9 [8.5] 4.7	38.0 [11.1] 26.9 [7.9] 4.7	37.0 [10.8] 36.1 [10.6] 4.7	36.3 [10.6] 34.6 [10.1] 4.7	35.3 [10.4] 32.2 [9.4] 4.6
125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	41.5 [12.2] 23.0 [6.7] 5.1	40.8 [12.0] 22.0 [6.4] 5.1	39.7 [11.6] 20.5 [6.0] 5.0	38.1 [11.2] 29.1 [8.5] 5.1	37.4 [11.0] 27.8 [8.2] 5.0	36.4 [10.7] 25.9 [7.6] 5.0	35.3 [10.3] 35.0 [10.2] 5.1	34.6 [10.2] 33.4 [9.8] 5.0	33.7 [9.9] 31.1 [9.1] 5.0	

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

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

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

[ ] Designates Metric Conversions





## GROSS SYSTEMS PERFORMANCE DATA – RGEA14060A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1870 [883]	1700 [802]	1440 [680]	1870 [883]	1700 [802]	1440 [680]	1870 [883]	1700 [802]	1440 [680]	
DR ①		0.14	0.13	0.11	0.14	0.13	0.11	0.14	0.13	0.11	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	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] Sens BTUH [kW] Power	30.9 [9.1] 18.7 [5.5] 1.4	30.4 [8.9] 17.9 [5.2] 1.4	29.5 [8.7] 16.6 [4.9] 1.4	29.1 [8.5] 21.9 [6.4] 1.4	28.6 [8.4] 20.9 [6.1] 1.4	27.8 [8.1] 19.4 [5.7] 1.4	27.5 [8.1] 24.6 [7.2] 1.4	27.0 [7.9] 23.5 [6.9] 1.4	26.2 [7.7] 21.8 [6.4] 1.4
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	30.0 [8.8] 18.2 [5.3] 1.5	29.4 [8.6] 17.4 [5.1] 1.5	28.6 [8.4] 16.1 [4.7] 1.5	28.1 [8.2] 21.4 [6.3] 1.5	27.6 [8.1] 20.4 [6.0] 1.5	26.8 [7.9] 18.9 [5.5] 1.5	26.5 [7.8] 24.0 [7.0] 1.5	26.0 [7.6] 23.0 [6.7] 1.5	25.3 [7.4] 21.3 [6.2] 1.5
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	29.0 [8.5] 17.6 [5.2] 1.6	28.5 [8.3] 16.8 [4.9] 1.6	27.7 [8.1] 15.6 [4.6] 1.6	27.1 [8.0] 20.8 [6.1] 1.6	26.7 [7.8] 19.9 [5.8] 1.6	25.9 [7.6] 18.4 [5.4] 1.6	25.5 [7.5] 23.5 [6.9] 1.6	25.1 [7.3] 22.4 [6.6] 1.6	24.4 [7.1] 20.8 [6.1] 1.6
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	28.0 [8.2] 17.0 [5.0] 1.7	27.5 [8.1] 16.3 [4.8] 1.7	26.7 [7.8] 15.1 [4.4] 1.7	26.1 [7.7] 20.2 [5.9] 1.7	25.7 [7.5] 19.3 [5.7] 1.7	25.0 [7.3] 17.9 [5.3] 1.7	24.5 [7.2] 22.9 [6.7] 1.7	24.1 [7.1] 21.9 [6.4] 1.7	23.4 [6.9] 20.3 [5.9] 1.7
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	27.0 [7.9] 16.5 [4.8] 1.9	26.5 [7.8] 15.7 [4.6] 1.8	25.7 [7.5] 14.6 [4.3] 1.8	25.1 [7.4] 19.7 [5.8] 1.8	24.7 [7.2] 18.8 [5.5] 1.8	24.0 [7.0] 17.4 [5.1] 1.8	23.5 [6.9] 22.3 [6.5] 1.8	23.1 [6.8] 21.3 [6.2] 1.8	22.4 [6.6] 19.8 [5.8] 1.8
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	25.9 [7.6] 15.9 [4.6] 2.0	25.5 [7.5] 15.2 [4.4] 2.0	24.8 [7.3] 14.1 [4.1] 1.9	24.1 [7.1] 19.1 [5.6] 2.0	23.7 [6.9] 18.2 [5.3] 2.0	23.0 [6.7] 16.9 [5.0] 1.9	22.5 [6.6] 21.7 [6.4] 2.0	22.1 [6.5] 20.8 [6.1] 1.9	21.5 [6.3] 19.2 [5.6] 1.9
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	24.9 [7.3] 15.3 [4.5] 2.1	24.5 [7.2] 14.6 [4.3] 2.1	23.8 [7.0] 13.5 [4.0] 2.1	23.1 [6.8] 18.5 [5.4] 2.1	22.6 [6.6] 17.7 [5.2] 2.1	22.0 [6.4] 16.4 [4.8] 2.1	21.4 [6.3] 21.1 [6.2] 2.1	21.1 [6.2] 20.2 [5.9] 2.1	20.5 [6.0] 18.7 [5.5] 2.0
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	23.8 [7.0] 14.7 [4.3] 2.3	23.4 [6.9] 14.0 [4.1] 2.2	22.7 [6.7] 13.0 [3.8] 2.2	22.0 [6.4] 17.9 [5.2] 2.2	21.6 [6.3] 17.1 [5.0] 2.2	21.0 [6.1] 15.8 [4.6] 2.2	20.4 [6.0] 20.4 [6.0] 2.2	20.0 [5.9] 19.6 [5.7] 2.2	19.4 [5.7] 18.2 [5.3] 2.2
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	22.8 [6.7] 14.1 [4.1] 2.4	22.3 [6.5] 13.4 [3.9] 2.4	21.7 [6.4] 12.5 [3.6] 2.3	20.9 [6.1] 17.3 [5.1] 2.4	20.5 [6.0] 16.5 [4.8] 2.4	19.9 [5.8] 15.3 [4.5] 2.3	19.3 [5.7] 19.3 [5.7] 2.4	18.9 [5.6] 18.9 [5.6] 2.4	18.4 [5.4] 17.6 [5.2] 2.3
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	21.7 [6.3] 13.4 [3.9] 2.6	21.3 [6.2] 12.8 [3.8] 2.5	20.7 [6.1] 11.9 [3.5] 2.5	19.8 [5.8] 16.6 [4.9] 2.5	19.5 [5.7] 15.9 [4.7] 2.5	18.9 [5.5] 14.7 [4.3] 2.5	18.2 [5.3] 18.2 [5.3] 2.5	17.9 [5.2] 17.9 [5.2] 2.5	17.4 [5.1] 17.1 [5.0] 2.5
	125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	20.5 [6.0] 12.8 [3.8] 2.7	20.2 [5.9] 12.2 [3.6] 2.7	19.6 [5.7] 11.3 [3.3] 2.7	18.7 [5.5] 16.0 [4.7] 2.7	18.4 [5.4] 15.3 [4.5] 2.7	17.8 [5.2] 14.2 [4.2] 2.7	17.1 [5.0] 17.1 [5.0] 2.7	16.8 [4.9] 16.8 [4.9] 2.7	16.3 [4.8] 16.3 [4.8] 2.6

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

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

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

[ ] Designates Metric Conversions





# GROSS SYSTEMS PERFORMANCE DATA – RGEA15030A

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

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

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

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

[ ] Designates Metric Conversions





## GROSS SYSTEMS PERFORMANCE DATA—RGEA15036A

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]	
DR ①		0.19	0.18	0.15	0.19	0.18	0.15	0.19	0.18	0.15	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] 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 x CFM x (1 - DR) x (dbE - 80)].

[ ] Designates Metric Conversions





## GROSS SYSTEMS PERFORMANCE DATA – RGEA15042A

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1430 [675]	1300 [614]	1100 [519]	1430 [675]	1300 [614]	1100 [519]	1430 [675]	1300 [614]	1100 [519]	
DR ①		0.17	0.16	0.13	0.17	0.16	0.13	0.17	0.16	0.13	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	50.1 [14.7] 28.6 [8.4] 2.4	49.2 [14.4] 27.3 [8.0] 2.3	47.8 [14.0] 25.3 [7.4] 2.3	47.2 [13.8] 33.9 [9.9] 2.4	46.4 [13.6] 32.4 [9.5] 2.3	45.1 [13.2] 30.0 [8.8] 2.3	44.7 [13.1] 38.8 [11.4] 2.3	43.9 [12.9] 37.1 [10.9] 2.3	42.7 [12.5] 34.4 [10.1] 2.3
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	48.8 [14.3] 27.9 [8.2] 2.5	47.9 [14.0] 26.7 [7.8] 2.5	46.6 [13.6] 24.8 [7.3] 2.5	45.9 [13.5] 33.2 [9.7] 2.5	45.1 [13.2] 31.8 [9.3] 2.5	43.8 [12.8] 29.5 [8.6] 2.4	43.4 [12.7] 38.1 [11.2] 2.5	42.6 [12.5] 36.4 [10.7] 2.5	41.5 [12.1] 33.8 [9.9] 2.4
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	47.4 [13.9] 27.2 [8.0] 2.7	46.6 [13.7] 26.0 [7.6] 2.6	45.3 [13.3] 24.2 [7.1] 2.6	44.6 [13.1] 32.6 [9.5] 2.6	43.8 [12.8] 31.1 [9.1] 2.6	42.6 [12.5] 28.9 [8.5] 2.6	42.1 [12.3] 37.5 [11.0] 2.6	41.3 [12.1] 35.8 [10.5] 2.6	40.2 [11.8] 33.2 [9.7] 2.6
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	46.1 [13.5] 26.5 [7.8] 2.8	45.3 [13.3] 25.3 [7.4] 2.8	44.0 [12.9] 23.5 [6.9] 2.8	43.2 [12.7] 31.8 [9.3] 2.8	42.5 [12.4] 30.4 [8.9] 2.8	41.3 [12.1] 28.2 [8.3] 2.7	40.7 [11.9] 36.8 [10.8] 2.8	40.0 [11.7] 35.1 [10.3] 2.8	38.9 [11.4] 32.6 [9.6] 2.7
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	44.7 [13.1] 25.8 [7.6] 3.0	43.9 [12.9] 24.6 [7.2] 3.0	42.7 [12.5] 22.9 [6.7] 2.9	41.8 [12.3] 31.1 [9.1] 3.0	41.1 [12.0] 29.7 [8.7] 3.0	39.9 [11.7] 27.6 [8.1] 2.9	39.3 [11.5] 36.0 [10.5] 3.0	38.6 [11.3] 34.4 [10.1] 2.9	37.5 [11.0] 31.9 [9.4] 2.9
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	43.3 [12.7] 25.0 [7.3] 3.2	42.5 [12.4] 23.9 [7.0] 3.2	41.3 [12.1] 22.1 [6.5] 3.1	40.4 [11.8] 30.3 [8.9] 3.2	39.7 [11.6] 28.9 [8.5] 3.1	38.6 [11.3] 26.9 [7.9] 3.1	37.9 [11.1] 35.2 [10.3] 3.2	37.2 [10.9] 33.6 [9.9] 3.1	36.2 [10.6] 31.2 [9.1] 3.1
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	41.8 [12.2] 24.1 [7.1] 3.4	41.0 [12.0] 23.1 [6.8] 3.4	39.9 [11.7] 21.4 [6.3] 3.3	38.9 [11.4] 29.4 [8.6] 3.4	38.2 [11.2] 28.1 [8.2] 3.3	37.2 [10.9] 26.1 [7.7] 3.3	36.4 [10.7] 34.4 [10.1] 3.4	35.8 [10.5] 32.8 [9.6] 3.3	34.8 [10.2] 30.5 [8.9] 3.3
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	40.3 [11.8] 23.3 [6.8] 3.6	39.6 [11.6] 22.2 [6.5] 3.6	38.5 [11.3] 20.6 [6.0] 3.5	37.4 [11.0] 28.6 [8.4] 3.6	36.8 [10.8] 27.3 [8.0] 3.5	35.7 [10.5] 25.3 [7.4] 3.5	34.9 [10.2] 33.5 [9.8] 3.6	34.3 [10.1] 32.0 [9.4] 3.5	33.3 [9.8] 29.7 [8.7] 3.5
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	38.7 [11.4] 22.3 [6.5] 3.8	38.0 [11.1] 21.4 [6.3] 3.8	37.0 [10.8] 19.8 [5.8] 3.7	35.9 [10.5] 27.7 [8.1] 3.8	35.3 [10.3] 26.4 [7.7] 3.8	34.3 [10.0] 24.5 [7.2] 3.7	33.4 [9.8] 32.6 [9.5] 3.8	32.8 [9.6] 31.1 [9.1] 3.7	31.9 [9.3] 28.9 [8.5] 3.7
	120 [48.9]	Total BTUH [kW] Sens BTUH [kW] Power	37.2 [10.9] 21.4 [6.3] 4.0	36.5 [10.7] 20.4 [6.0] 4.0	35.5 [10.4] 19.0 [5.6] 3.9	34.3 [10.1] 26.7 [7.8] 4.0	33.7 [9.9] 25.5 [7.5] 4.0	32.8 [9.6] 23.7 [6.9] 3.9	31.8 [9.3] 31.6 [9.3] 4.0	31.2 [9.2] 30.2 [8.9] 4.0	30.4 [8.9] 28.0 [8.2] 3.9
125 [51.7]	Total BTUH [kW] Sens BTUH [kW] Power	35.6 [10.4] 20.4 [6.0] 4.3	34.9 [10.2] 19.5 [5.7] 4.2	33.9 [9.9] 18.1 [5.3] 4.2	32.7 [9.6] 25.7 [7.5] 4.3	32.1 [9.4] 24.6 [7.2] 4.2	31.2 [9.2] 22.8 [6.7] 4.2	30.2 [8.8] 30.2 [8.8] 4.2	29.7 [8.7] 29.3 [8.6] 4.2	28.8 [8.4] 27.2 [8.0] 4.1	

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

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

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

[ ] Designates Metric Conversions



## GROSS SYSTEMS PERFORMANCE DATA—RGEA15048A

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

[ ] Designates Metric Conversions







Air

# INDOOR AIRFLOW PERFORMANCE RGEA13/14 - 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 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]
4.0 [14.07]	Tap 2	Cool	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]
						Watts 744	778	813	843	873	910	938	985	1030	1058	
						Tap 2 80K	CFM 1367 [645]	1327 [626]	1299 [613]	1248 [589]	1203 [568]	1162 [548]	1127 [532]	1064 [502]	965 [455]	902 [426]
						Watts 744	778	813	843	873	910	938	985	1030	1058	
						Tap 3 100K	CFM 1452 [685]	1402 [662]	1367 [645]	1327 [626]	1283 [606]	1247 [589]	1205 [569]	1183 [558]	1103 [521]	1007 [475]
	Watts 778	808	839	870	895	930	962	993	1035	1078						
	Tap 3	Cool	100,000 [29.31]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	CFM 1652 [780]	1621 [765]	1583 [747]	1539 [726]	1512 [714]	1478 [698]	1422 [671]	1408 [665]	1354 [639]	1332 [629]
						Watts 870	895	919	949	969	1000	1032	1049	1071	1107	
						Tap 5 High Static Cool	CFM 1993 [941]	1941 [916]	1890 [892]	1874 [884]	1822 [860]	1755 [828]	1698 [801]	1627 [768]	1552 [732]	1442 [681]
						Watts 408	423	433	445	455	464	477	483	496	507	
Tap 5 High Static Cool						CFM 988	1021	1035	1064	1087	1103	1113	1121	1131	1142	
Watts 666	681	687	701	706	693	677	654	632	592							
5.0 [17.59]	Tap 5	Cool	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	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]	
					Watts 823	843	872	883	916	944	968	997	1035	1059		
					Tap 2 Unused	CFM 1235 [583]	1184 [559]	1106 [522]	1078 [509]	1021 [482]	957 [452]	897 [423]	843 [398]	791 [373]	742 [350]	
					Watts 318	330	337	341	354	364	373	381	396	404		
					Tap 3 Low Cool	CFM 1738 [820]	1680 [793]	1663 [785]	1626 [767]	1603 [757]	1554 [733]	1503 [709]	1445 [682]	1432 [676]	1386 [654]	
	Watts 218	227	242	245	258	266	276	285	287	300						
	Tap 5	Cool	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 4 Med Cool	CFM 1884 [889]	1882 [888]	1841 [869]	1801 [850]	1760 [831]	1680 [793]	1651 [779]	1584 [748]	1508 [712]	1428 [674]
						Watts 999	1014	1048	1064	1072	1105	1121	1131	1142	1147	
						Tap 5 High Cool	CFM 2081 [982]	1969 [929]	2001 [944]	1960 [925]	1896 [895]	1818 [858]	1764 [833]	1664 [785]	1593 [752]	1499 [707]
						Watts 636	646	661	672	675	688	686	678	662	635	
Tap 5 High Cool						CFM 1050	1102	1095	1104	1115	1126	1130	1140	1143	1147	
Watts 790	815	819	813	793	772	749	725	699	663							

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]	1400 [661]	2000 [944]
Pressure Drop—Includes W.C. [kPa]	.02 [.005]	.05 [.012]	.1 [.025]	.17 [.042]

[ ] Designates Metric Conversions





Air

# INDOOR AIRFLOW PERFORMANCE RGEA13/14 - 230 VOLTS

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa]										
	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					
	Watts	226	216	203			188	175	150	136							
	High	CFM	992 [468]	928 [438]			873 [412]	810 [382]	741 [350]	659 [311]	490 [231]						
2.5 [8.79]	Low	High	60,000 [17.58]	850 CFM / 1150 CFM	10x9 Blower 1/2 HP [372] 3 Speed (PSC Motor)	Med	RPM	1055	1068	1080	1096	1106	1119	1136			
		Watts	271				256	245	227	214	199	175					
	Low	CFM	1093 [516]	1062 [501]			1001 [472]	930 [439]	815 [385]	728 [344]	663 [313]	571 [269]					
	High	RPM	900	935			969	999	1030	1053	1064	1082					
3.0 [10.55]	High	High	80,000 [23.45]	1000 CFM / 1400 CFM	12x9T Blower 1/2 HP [372] 2 Speed (PSC Motor)	High	Watts	375	358	335	313	283	264	249	229		
		CFM	1239 [585]				1184 [559]	1114 [526]	1043 [492]	959 [453]	827 [390]	744 [351]	657 [310]				
	Low	RPM	961	983			1006	1030	1052	1074	1084	1097					
	High	Watts	429	409			384	360	334	303	287	266					
3.5 [12.31]	High	High	80,000 [23.45] 100,000 [29.31]	1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	CFM	1362 [643]	1292 [610]	1213 [572]	1133 [535]	1027 [485]	872 [412]	800 [378]	700 [330]		
		RPM	1049				1061	1073	1085	1097	1109	1116	1124				
	Low	Watts	500	472			454	427	405	371	360	339					
	High	CFM	1310 [618]	1246 [588]			1186 [560]	1128 [532]	1038 [490]	955 [451]	847 [400]	738 [348]					
Tap 5	Tap 2	High	80,000 [23.45]	1200 CFM / 1600 CFM	Tap 2 80K	Tap 3 100K	RPM	834	867	895	918	949	971	989	1019		
		Watts	460				447	435	424	407	396	380	362				
	High	CFM	1644 [776]	1568 [740]			1488 [702]	1421 [671]	1330 [628]	1248 [589]	1133 [535]	1003 [473]					
	Watts	981	996	1009			1021	1030	1024	1058	1072						
Tap 5	Tap 3	High	100,000 [29.31]	1200 CFM / 1600 CFM	Tap 4 Low Static Cool	Tap 5 High Static Cool	CFM	664	641	620	620	620	620	620	620	620	620
		RPM	827				856	874	913	949	983	1013	1048				
	Low	Watts	298	308			313	325	341	352	361	374					
	High	CFM	1336 [631]	1312 [619]			1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]					
Tap 5	Tap 5	High	80,000 [23.45]	1200 CFM / 1600 CFM	Tap 5 High Static Cool	Tap 5 High Static Cool	RPM	827	856	874	913	949	983	1013	1048		
		Watts	298				308	313	325	341	352	361	374				
	Low	CFM	1453 [666]	1424 [672]			1395 [658]	1347 [636]	1321 [623]	1279 [604]	1250 [590]	1214 [573]					
	High	RPM	836	867			904	942	953	992	1019	1048					
Tap 5	Tap 5	High	100,000 [29.31]	1200 CFM / 1600 CFM	Tap 5 High Static Cool	Tap 5 High Static Cool	Watts	334	349	364	377	380	394	409	418		
		CFM	1336 [631]				1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]				
	Low	RPM	827	856			874	913	949	983	1013	1048					
	High	Watts	298	308			313	325	341	352	361	374					
Tap 5	Tap 5	High	100,000 [29.31]	1200 CFM / 1600 CFM	Tap 5 High Static Cool	Tap 5 High Static Cool	CFM	1591 [751]	1563 [738]	1558 [735]	1519 [717]	1490 [703]	1458 [688]	1410 [665]	1363 [643]		
		RPM	949				981	999	1027	1051	1086	1109	1129				
	Low	Watts	476	490			501	515	527	542	546	543					
	High	CFM	1591 [751]	1563 [738]			1558 [735]	1519 [717]	1490 [703]	1458 [688]	1410 [665]	1363 [643]					

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

[ ] Designates Metric Conversions





Air

Indoor Airflow Performance  
RGEA13/14 Series**INDOOR AIRFLOW PERFORMANCE RGEA13/14 - 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 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]	
4.0 [14.07]	Tap 5	Tap 2	80,000 [23.45]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	CFM	1368 [646]	1331 [628]	1299 [613]	1259 [594]	1221 [576]	1169 [552]	1137 [537]	1079 [509]	997 [471]	920 [434]
						RPM	749	782	813	849	877	911	946	979	1030	1061	
						Watts	250	264	275	286	295	308	321	327	346	356	
						CFM	1368 [646]	1331 [628]	1299 [613]	1259 [594]	1221 [576]	1169 [552]	1137 [537]	1079 [509]	997 [471]	920 [434]	
						RPM	749	782	813	849	877	911	946	979	1030	1061	
4.0 [14.07]	Tap 5	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	
						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	
4.0 [14.07]	Tap 5	Tap 3	100,000 [29.31]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	Watts	417	429	444	457	462	478	488	505	509	524
						CFM	1970 [930]	1945 [918]	1920 [906]	1884 [889]	1843 [870]	1778 [839]	1704 [804]	1642 [775]	1547 [730]	1451 [685]	
						RPM	1011	1038	1048	1073	1092	1104	1119	1123	1132	1145	
						Watts	696	710	731	728	727	712	693	666	627	602	
						CFM	1433 [676]	1407 [664]	1354 [639]	1329 [627]	1270 [599]	1235 [583]	1195 [564]	1137 [537]	1083 [511]	1030 [486]	
5.0 [17.59]	Tap 5	Tap 1	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 100K Heat	RPM	821	843	868	888	929	944	975	1004	1040	1065
						Watts	319	331	342	346	365	368	381	391	406	412	
						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	
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 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	
						CFM	1926 [909]	1890 [892]	1864 [880]	1822 [860]	1794 [847]	1758 [830]	1710 [807]	1670 [788]	1670 [788]	1579 [745]	1493 [705]
						RPM	999	1014	1040	1061	1079	1096	1119	1128	1138	1144	
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 4 Med Cool	Watts	654	660	674	688	699	708	714	705	683	661
						CFM	2096 [989]	2057 [971]	2003 [945]	1951 [921]	1890 [892]	1819 [858]	1756 [829]	1686 [796]	1610 [760]	1498 [707]	
						RPM	1069	1092	1106	1116	1121	1129	1138	1140	1148	1154	
						Watts	829	846	840	822	807	782	768	730	708	679	
						CFM	1433 [676]	1407 [664]	1354 [639]	1329 [627]	1270 [599]	1235 [583]	1195 [564]	1137 [537]	1083 [511]	1030 [486]	

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

**DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)**

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

[ ] Designates Metric Conversions



INTEGRATED AIR &amp; WATER



# INDOOR AIRFLOW PERFORMANCE RGEA13/14 - 460 VOLTS

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)											
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]		
3.0 [10.55]	Low	High	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		
							Watts	505	491	481	447	439	422	404	393	378		
	High	High	80,000 [23.45] 100,000 [29.31]	1000 CFM / 1400 CFM	12x9T Blower 1/2 HP [372] 2 Speed (PSC Motor)	High	CFM	1682 [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	
							Watts	670	658	642	625	600	580	561	539	523	504	
3.5 [12.31]	Tap 5	Tap 2	80,000 [23.45]	1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	CFM	1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	1022 [482]	956 [451]	
							RPM	794	833	872	897	948	976	1005	1038	1078	1112	
							Watts	287	295	317	317	331	351	361	365	370	399	
							CFM	1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	1022 [482]	956 [451]	
							RPM	794	833	872	897	948	976	1005	1038	1078	1112	
							Watts	287	295	317	317	331	351	361	365	370	399	
	Tap 3	Tap 3	Tap 3	100,000 [29.31]	1200 CFM / 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 3 100K	CFM	1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1134 [535]	1066 [503]
								RPM	844	867	892	927	961	991	1022	1052	1101	1130
								Watts	337	340	358	368	390	389	409	411	438	446
								CFM	1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	1022 [482]	956 [451]
								RPM	794	833	872	897	948	976	1005	1038	1078	1112
								Watts	287	295	317	317	331	351	361	365	370	399
4.0 [14.07]	Tap 5	Tap 2	80,000 [23.45]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	CFM	1643 [775]	1609 [759]	1580 [746]	1560 [736]	1511 [713]	1494 [705]	1443 [681]	1404 [663]	1335 [630]	1244 [587]	
							RPM	927	954	986	1001	1035	1052	1083	1111	1122	1133	
							Watts	461	475	490	506	518	528	535	548	530	502	
							CFM	1340 [632]	1305 [616]	1263 [596]	1227 [579]	1186 [560]	1162 [548]	1104 [521]	1020 [481]	960 [453]	897 [423]	
							RPM	776	796	831	869	898	925	966	1011	1044	1076	
							Watts	261	268	279	291	303	310	323	339	351	361	
	Tap 3	Tap 3	Tap 3	100,000 [29.31]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	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
								CFM	1467 [692]	1448 [683]	1404 [663]	1373 [648]	1339 [632]	1306 [616]	1250 [590]	1210 [571]	1164 [549]	1087 [513]
								RPM	826	855	884	910	939	969	1003	1030	1067	1108
								Watts	328	344	348	363	379	387	398	408	418	434
Tap 5	Tap 5	Tap 5	100,000 [29.31]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	CFM	1634 [771]	1595 [753]	1547 [730]	1530 [722]	1487 [702]	1462 [690]	1438 [679]	1378 [650]	1352 [638]	1298 [613]	
							RPM	894	923	950	981	1000	1030	1051	1079	1106	1126	
							Watts	432	446	451	468	479	490	508	510	520	520	
							CFM	1941 [916]	1915 [904]	1878 [886]	1814 [856]	1773 [837]	1709 [807]	1655 [781]	1570 [741]	1488 [702]	1374 [648]	
							RPM	1028	1047	1068	1091	1104	1113	1124	1136	1142	1147	
							Watts	708	725	729	727	717	696	673	647	618	571	

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

[ ] Designates Metric Conversions





Air

Indoor Airflow Performance  
RGEA15 Series

# INDOOR AIRFLOW PERFORMANCE RGEA13/14 - 460 VOLTS (continued)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [.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	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 100K Heat	CFM	1484 [700]	1440 [680]	1405 [663]	1360 [642]	1319 [622]	1280 [604]	1238 [584]	1186 [560]	1128 [532]	1047 [494]
							RPM	812	841	863	889	918	938	965	994	1026	1066
							Watts	330	338	355	354	379	381	395	408	423	419
							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]
							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							
CFM	2095 [989]	2045 [965]	1983 [936]	1905 [899]	1840 [868]	1792 [846]	1712 [808]	1641 [774]	1558 [735]	1397 [659]							
RPM	1103	1114	1114	1123	1125	1130	1139	1140	1144	1148							
Watts	829	841	832	803	785	770	749	710	685	633							

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

## DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)

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

[ ] Designates Metric Conversions







## INDOOR AIRFLOW PERFORMANCE RGEA15 - 208/230 VOLTS

Nominal Cooling Capacity Tons [kW]	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]	715 [337]	
				RPM	649	746	829	897	946	1000	1046	1088	1133	1170	
				Watts	83	107	130	152	169	188	206	222	240	255	
			Cool	CFM	891 [421]	902 [426]	910 [429]	906 [428]	912 [430]	906 [428]	903 [426]	891 [421]	876 [413]	868 [410]	
				RPM	747	831	895	957	1017	1068	1111	1151	1186	1223	
				Watts	123	152	176	200	225	247	268	288	302	321	
	10 x 9 Blower 1/2 HP [372 W] ECM	80,000 [23.44]	Heat	CFM	1189 [561]	1198 [565]	1203 [568]	1210 [571]	1212 [572]	1208 [570]	1193 [563]	1194 [564]	1146 [541]	1072 [506]	
				RPM	894	964	1008	1084	1142	1187	1234	1285	1301	1310	
				Watts	236	273	299	344	378	411	441	477	475	446	
			Cool	CFM	891 [421]	902 [426]	910 [429]	906 [428]	912 [430]	906 [428]	903 [426]	891 [421]	876 [413]	868 [410]	
				RPM	747	831	895	957	1017	1068	1111	1151	1186	1223	
				Watts	123	152	176	200	225	247	268	288	302	321	
2.5 [8.79]	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	
			Cool	CFM	959 [453]	973 [459]	978 [462]	981 [463]	985 [465]	974 [460]	966 [456]	962 [454]	952 [449]	949 [448]	
				RPM	772	855	922	990	1052	1100	1142	1184	1219	1256	
				Watts	141	172	200	231	259	282	304	326	343	363	
	10 x 9 Blower 1/2 HP [372 W] ECM	80,000 [23.44]	Heat	CFM	1189 [561]	1198 [565]	1203 [568]	1210 [571]	1212 [572]	1208 [570]	1193 [563]	1194 [564]	1146 [541]	1072 [506]	
				RPM	894	964	1008	1084	1142	1187	1234	1285	1301	1310	
				Watts	236	273	299	344	378	411	441	477	475	446	
			Cool	CFM	959 [453]	973 [459]	978 [462]	981 [463]	985 [465]	974 [460]	966 [456]	962 [454]	952 [449]	949 [448]	
				RPM	772	855	922	990	1052	1100	1142	1184	1219	1256	
				Watts	141	172	200	231	259	282	304	326	343	363	

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]																	
				CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts						
3.0 [10.55]	10 x 9 Blower 1/2 HP [372 W] ECM	60,000 [17.58]	Heat	766 [362]	773 [365]	771 [364]	770 [363]	768 [362]	757 [357]	751 [354]	742 [350]	726 [343]	715 [337]	Cool	829	829	829	829	829	829	829	829	829	829	829	829				
				83	107	130	152	169	188	206	222	240	255		270	1046	1046	1046	1046	1046	1046	1046	1046	1046	1046	1046	1046			
				908	964	1024	1094	1144	1195	1234	1269	1290	1307		1324	1189 [561]	1199 [566]	1204 [568]	1206 [569]	1210 [571]	1202 [567]	1209 [571]	1165 [550]	1125 [531]	1061 [501]	1011 [481]	957 [437]			
			3.5 [12.31]	10 x 9 Blower 3/4 HP [559 W] ECM	80,000 [23.44] & 100,000 [29.3]	Heat	904	974	1023	1077	1129	1174	1216	1263	1288	1292	Cool	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	
							235	271	296	326	354	379	400	430	425	413		400	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]
							910	981	1027	1083	1134	1179	1219	1267	1291	1294		1294	1186 [560]	1191 [562]	1191 [562]	1199 [566]	1192 [563]	1182 [558]	1171 [553]	1156 [546]	1123 [530]	1045 [493]	1001 [473]	957 [437]
4.0 [14.07]	12 x 9 Blower 1 HP [746 W] ECM	80,000 [23.44] & 100,000 [29.3]	Heat	904	974	1023	1077	1129	1174	1216	1263	1288	1292	Cool	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023				
				235	271	296	326	354	379	400	430	425	413		400	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]	1171 [553]			
				969	1035	1078	1133	1173	1220	1259	1295	1302	1301		1294	1186 [560]	1191 [562]	1191 [562]	1199 [566]	1192 [563]	1182 [558]	1171 [553]	1156 [546]	1123 [530]	1045 [493]	1001 [473]	957 [437]			
			5.0 [17.59]	12 x 9 Blower 1 HP [746 W] ECM	100,000 [29.3]	Heat	1206 [569]	1215 [573]	1219 [575]	1216 [574]	1218 [575]	1220 [576]	1216 [574]	1215 [573]	1205 [569]	1195 [564]	Cool	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	
							730	796	837	885	926	962	999	1038	1075	1112		1150	1186 [560]	1191 [562]	1191 [562]	1199 [566]	1192 [563]	1182 [558]	1171 [553]	1156 [546]	1123 [530]	1045 [493]	1001 [473]	957 [437]
							199	238	261	292	317	342	368	397	427	457		487	1296 [612]	1294 [611]	1299 [613]	1299 [613]	1294 [611]	1288 [608]	1275 [602]	1226 [579]	1141 [538]	1050 [496]	1006 [476]	962 [432]
5.0 [17.59]	12 x 9 Blower 1 HP [746 W] ECM	100,000 [29.3]	Heat	1535 [724]	1545 [729]	1551 [732]	1554 [733]	1553 [733]	1553 [733]	1551 [732]	1548 [731]	1543 [728]	1532 [723]	Cool	1551 [732]	1551 [732]	1551 [732]	1551 [732]	1551 [732]	1551 [732]	1551 [732]	1551 [732]	1551 [732]	1551 [732]	1551 [732]	1551 [732]				
				873	923	967	1005	1052	1096	1124	1149	1180	1200		1220	1186 [560]	1191 [562]	1191 [562]	1199 [566]	1192 [563]	1182 [558]	1171 [553]	1156 [546]	1123 [530]	1045 [493]	1001 [473]	957 [437]			
				371	416	456	490	537	578	607	634	666	687		717	1206 [569]	1215 [573]	1219 [575]	1216 [574]	1218 [575]	1220 [576]	1216 [574]	1215 [573]	1205 [569]	1195 [564]	1195 [564]	1195 [564]	1195 [564]		
			1st Stage Cool	1206 [569]	1215 [573]	1219 [575]	1216 [574]	1218 [575]	1220 [576]	1216 [574]	1215 [573]	1205 [569]	1195 [564]	1195 [564]	1195 [564]	2nd Stage Cool	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]	1219 [575]		
				730	796	837	885	926	962	999	1038	1075	1112	1150	1186 [560]		1191 [562]	1191 [562]	1199 [566]	1192 [563]	1182 [558]	1171 [553]	1156 [546]	1123 [530]	1045 [493]	1001 [473]	957 [437]			
				199	238	261	292	317	342	368	397	427	457	487	1296 [612]		1294 [611]	1299 [613]	1299 [613]	1294 [611]	1288 [608]	1275 [602]	1226 [579]	1141 [538]	1050 [496]	1006 [476]	962 [432]			

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	Cool	60,000 [17.58]	1000 CFM / 1400 CFM	12x8T 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		
							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	Cool	80,000 [23.45]	1000 CFM / 1400 CFM	12x8T Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 3 100K	CFM	1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1134 [535]	1066 [503]
							RPM	844	867	892	927	961	991	1022	1052	1101	1130
							Watts	337	340	358	368	390	389	409	411	438	446
							CFM	1163 [549]	1144 [540]	1086 [513]	1073 [506]	987 [466]	927 [437]	870 [411]	819 [387]		
							RPM	749	761	810	836	887	920	964	1005		
3.5 [12.31]	Tap 2	Cool	80,000 [23.45]	1200 CFM / 1600 CFM	12x8T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 2 80K	CFM	1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1134 [535]	1066 [503]
							RPM	844	867	892	927	961	991	1022	1052	1101	1130
							Watts	337	340	358	368	390	389	409	411	438	446
							CFM	1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	1022 [482]	956 [451]
							RPM	794	833	872	897	948	976	1005	1038	1078	1112
	Tap 5	Cool	100,000 [29.31]	1200 CFM / 1600 CFM	12x8T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	CFM	1643 [775]	1609 [759]	1580 [746]	1560 [736]	1511 [713]	1494 [705]	1443 [681]	1404 [663]	1335 [630]	1244 [587]
							RPM	927	954	986	1001	1035	1052	1083	1111	1122	1133
							Watts	461	475	490	506	518	528	555	548	530	502
							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

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

[ J Designates Metric Conversions

# INDOOR AIRFLOW PERFORMANCE RGEA15 - 460 VOLTS (continued)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]	
4.0 [14.07]	Tap 2	Cool	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 5	Cool	80,000 [23.45]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 2 80K	CFM	1340 [632]	1305 [616]	1263 [596]	1227 [579]	1186 [560]	1162 [548]	1104 [521]	1020 [481]	960 [453]	897 [423]
						RPM	776	796	831	869	898	925	966	1011	1044	1076	
						Watts	261	268	279	291	303	310	323	339	351	361	
	Tap 3	Cool	100,000 [29.31]	1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 3 100K	CFM	1467 [692]	1448 [663]	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	
	5.0 [17.59]	1st Stage Tap 2	Cool	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	CFM	1634 [771]	1595 [753]	1547 [730]	1530 [722]	1487 [702]	1462 [690]	1438 [679]	1378 [650]	1352 [638]
RPM							894	923	950	981	1000	1030	1051	1079	1106	1126	
Watts							432	446	451	468	479	490	508	510	520	520	
2nd Stage Tap 5		Cool	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 5 High Static Cool	CFM	1941 [916]	1915 [904]	1878 [886]	1814 [856]	1773 [837]	1709 [807]	1655 [781]	1570 [741]	1488 [702]	1374 [648]
						RPM	1028	1047	1068	1091	1104	1113	1124	1136	1142	1147	
						Watts	708	725	729	727	717	696	673	647	618	571	
2nd Stage Tap 5		Cool	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 100K Heat	CFM	1484 [700]	1440 [680]	1405 [663]	1360 [642]	1319 [622]	1280 [604]	1238 [584]	1186 [560]	1128 [532]	1047 [494]
						RPM	812	841	863	889	918	938	965	994	1026	1066	
						Watts	330	338	355	354	379	381	395	408	423	419	
2nd Stage Tap 5		Cool	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 2 1st Stage Cool	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		
2nd Stage Tap 5	Cool	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 3 Unused	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		
2nd Stage Tap 5	Cool	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 4 2nd stage Low Static Cool	CFM	1954 [922]	1927 [909]	1889 [892]	1843 [870]	1808 [853]	1738 [820]	1671 [789]	1620 [765]	1543 [728]	1433 [676]	
					RPM	1030	1042	1061	1082	1100	1121	1130	1133	1138	1146		
					Watts	664	673	683	696	704	700	697	684	667	635		
2nd Stage Tap 5	Cool	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	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	1114	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]	2000 [944]
Pressure Drop—Includes W.C. [kPa]	.02 [.005]	.05 [.012]	.17 [.042]

[ J Designates Metric Conversions



ELECTRICAL DATA – RGEA13 SERIES								
		036ACD061AA	036ACD081AA	036ACD101AA	036ADD061AA	036ADD081AA	036ADD101AA	042ACT081AA
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	414-506	414-506	414-506	187-253
	Volts	208/230	208/230	208/230	460	460	460	208/230
	Phase	3	3	3	3	3	3	3
	Hz	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	16	16	16	9	9	9	24
	Minimum Overcurrent Protection Device Size	20	20	20	15	15	15	25
	Maximum Overcurrent Protection Device Size	20	20	20	15	15	15	35
Compressor Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230
	Phase	3	3	3	3	3	3	3
	RPM	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/3	3 1/2
	Amps (RLA), Comp. 1	9	9	9	5.6	5.6	5.6	13.2
	Amps (LRA), Comp. 1	71	71	71	38	38	38	88
Condenser Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230
	Phase	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5	1.5	1.5	0.8	0.8	0.8	1.5
	Amps (LRA, each)	3	3	3	1.6	1.6	1.6	3
Evaporator Fan	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230
	Phase	1	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	3/4
	Amps (FLA, each)	2.5	2.5	2.5	1.2	1.2	1.2	6
	Amps (LRA, each)	4.6	4.6	4.6	2.4	2.4	2.4	

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

<b>ELECTRICAL DATA – RGEA13 SERIES</b>							
		<b>042ACT101AA</b>	<b>048ACT081AA</b>	<b>048ACT101AA</b>	<b>048ADT101AA</b>	<b>060ACT101AA</b>	<b>060ADT101AA</b>
<b>Unit Information</b>	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	197-253	414-506
	Volts	208/230	208/230	208/230	460	208/230	460
	Phase	3	3	3	3	3	3
	Hz	60	60	60	60	60	60
	Minimum Circuit Ampacity	24	25	25	12	32	16
	Minimum Overcurrent Protection Device Size	25	25	25	35	35	20
	Maximum Overcurrent Protection Device Size	35	35	35	15	45	20
<b>Compressor Motor</b>	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	208/230	460
	Phase	3	3	3	3	3	3
	RPM	3450	3450	3450	3450	3500	3500
	HP, Compressor 1	3 1/2	4	4	4	5	5
	Amps (RLA), Comp. 1	13.2	13.1	13.1	6.1	17.8	8.6
	Amps (LRA), Comp. 1	88	83.1	83.1	41	110	52
<b>Condenser Motor</b>	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	208/230	460
	Phase	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5	2	2	1	2	1
	Amps (LRA, each)	3	3.9	3.9	2.2	3.9	2.2
<b>Evaporator Fan</b>	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	208/230	460/460
	Phase	1	1	1	1	1	1
	HP	3/4	3/4	3/4	3/4	1	1
	Amps (FLA, each)	6	6	6	3.2	7.6	4
	Amps (LRA, each)						

1. Horsepower Per Compressor.

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

### ELECTRICAL DATA – RGEA14 SERIES

		024AJD041AA	024AJD04XAA	024AJD061AA	024AJD06XAA	030AJD061AA	030AJD06XAA	030AJD081AA	030AJD08XAA
<b>Unit Information</b>	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
	Maximum Overcurrent Protection Device Size	25	25	25	25	30	30	30	30
<b>Compressor Motor</b>	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
	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
<b>Condenser Motor</b>	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
	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
<b>Evaporator Fan</b>	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.

<b>ELECTRICAL DATA – RGEA14 SERIES</b>									
		<b>036ACD061AA</b>	<b>036ACD081AA</b>	<b>036ACD101AA</b>	<b>036ADD061AA</b>	<b>036ADD081AA</b>	<b>036ADD101AA</b>	<b>036AJD061AA</b>	<b>036AJD06XAA</b>
<b>Unit Information</b>	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
	Maximum Overcurrent Protection Device Size	20	20	20	15	15	15	35	35
<b>Compressor Motor</b>	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
	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
<b>Condenser Motor</b>	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
	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
<b>Evaporator Fan</b>	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
<b>Unit Information</b>	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
<b>Compressor Motor</b>	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
<b>Condenser Motor</b>	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
<b>Evaporator Fan</b>	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.



<b>ELECTRICAL DATA – RGEA14 SERIES</b>								
		<b>042AJT08XAA</b>	<b>042AJT101AA</b>	<b>042AJT10XAA</b>	<b>048ACT081AA</b>	<b>048ACT101AA</b>	<b>048ADT101AA</b>	<b>048AJT081AA</b>
<b>Unit Information</b>	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
	Maximum Overcurrent Protection Device Size	45	45	45	35	35	15	50
<b>Compressor Motor</b>	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
	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
<b>Condenser Motor</b>	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
	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
<b>Evaporator Fan</b>	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
<b>Unit Information</b>	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
<b>Compressor Motor</b>	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
<b>Condenser Motor</b>	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
<b>Evaporator Fan</b>	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
<b>Unit Information</b>	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
<b>Compressor Motor</b>	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
<b>Condenser Motor</b>	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
<b>Evaporator Fan</b>	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.

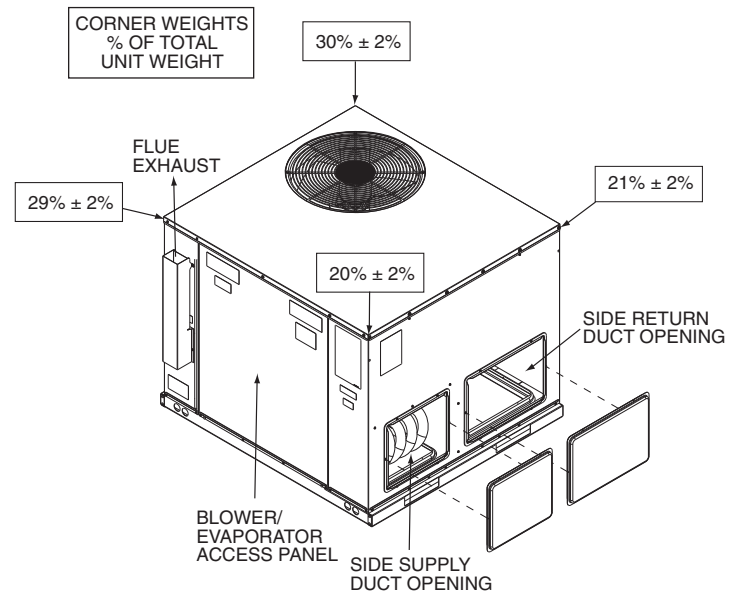
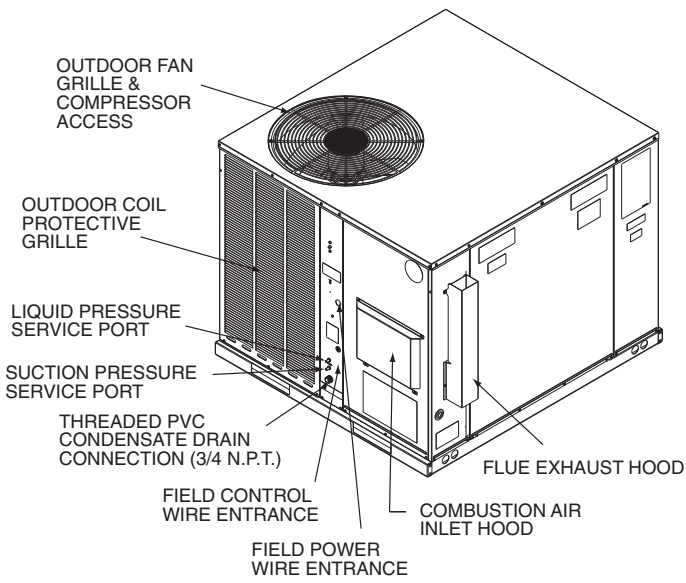
### ELECTRICAL DATA – RGEA15 SERIES

		042ACT***AA	042AJT***AA	042AJV***AA	048ACT***AA	048ADT***AA	048AJT***AA	048AJV***AA	060ACT***AA	060ADT***AA
<b>Unit Information</b>	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
	Maximum Overcurrent Protection Device Size	35	45	45	35	15	50	50	45	20
<b>Compressor Motor</b>	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
	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
<b>Condenser Motor</b>	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
	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
<b>Evaporator Fan</b>	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.

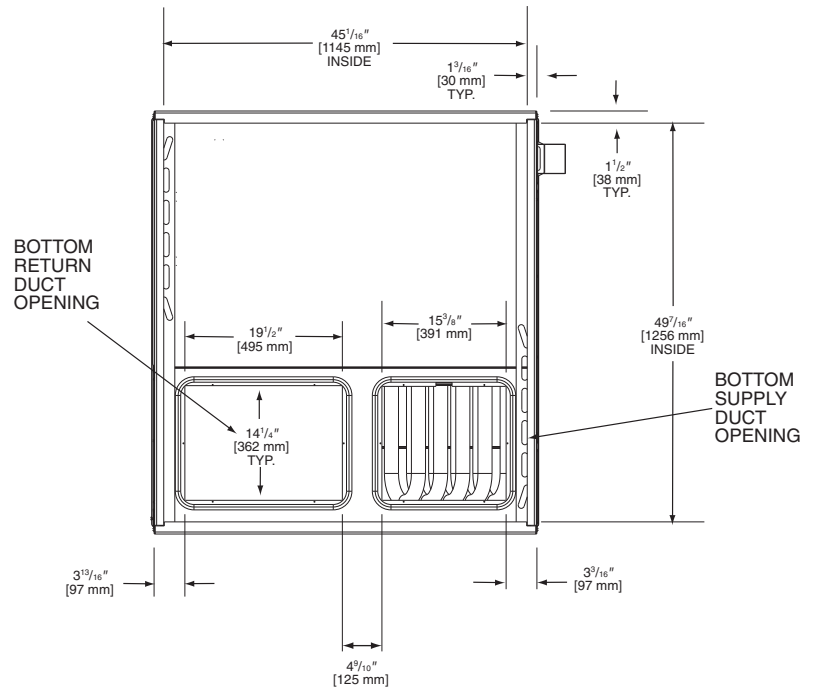
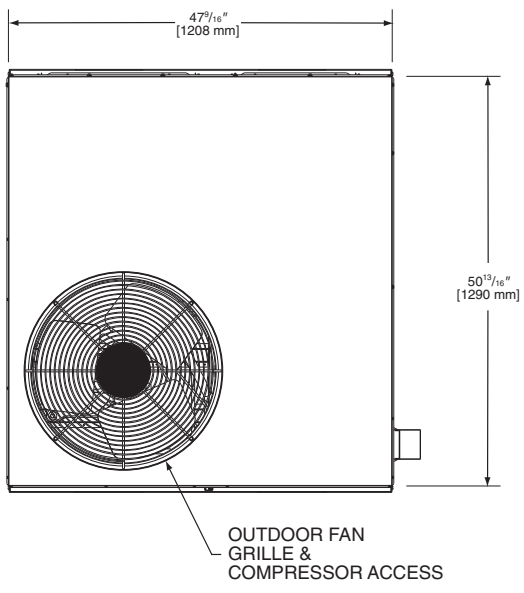
ELECTRICAL DATA – RGEA15 SERIES									
		060AJT***AA	060AJV***AA						
Unit Information	Unit Operating Voltage Range	197-253	197-253						
	Volts	208/230	208/230						
	Phase	1	1						
	Hz	60	60						
	Minimum Circuit Ampacity	46	45						
	Minimum Overcurrent Protection Device Size	50	60						
	Maximum 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.



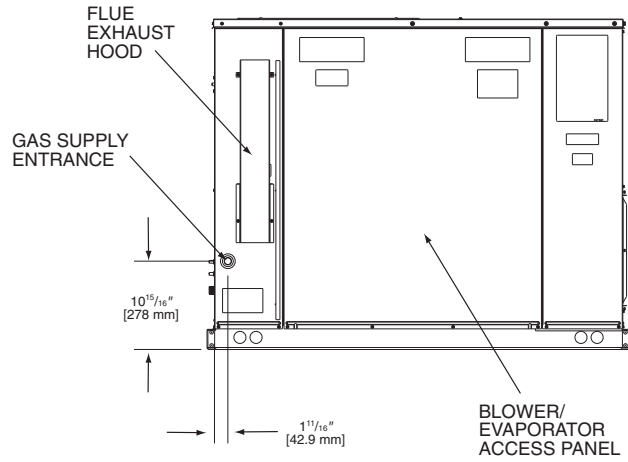
**TOP VIEW**

**BOTTOM VIEW**

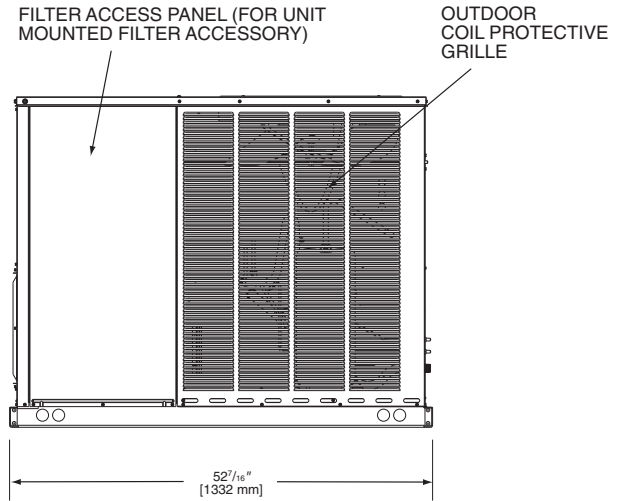


[ ] Designates Metric Conversions

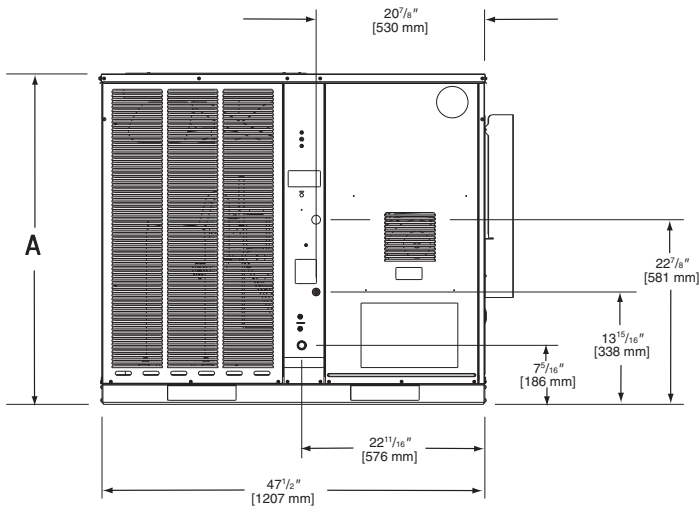
### SIDE VIEW



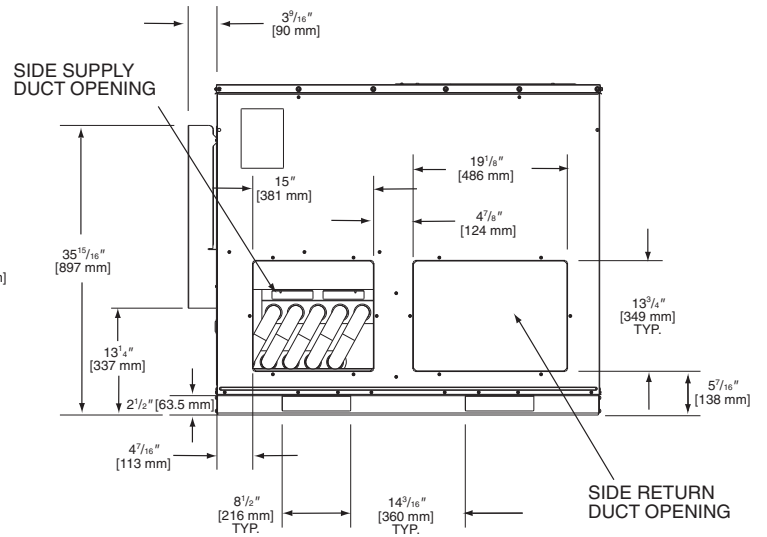
### SIDE VIEW



### FRONT VIEW



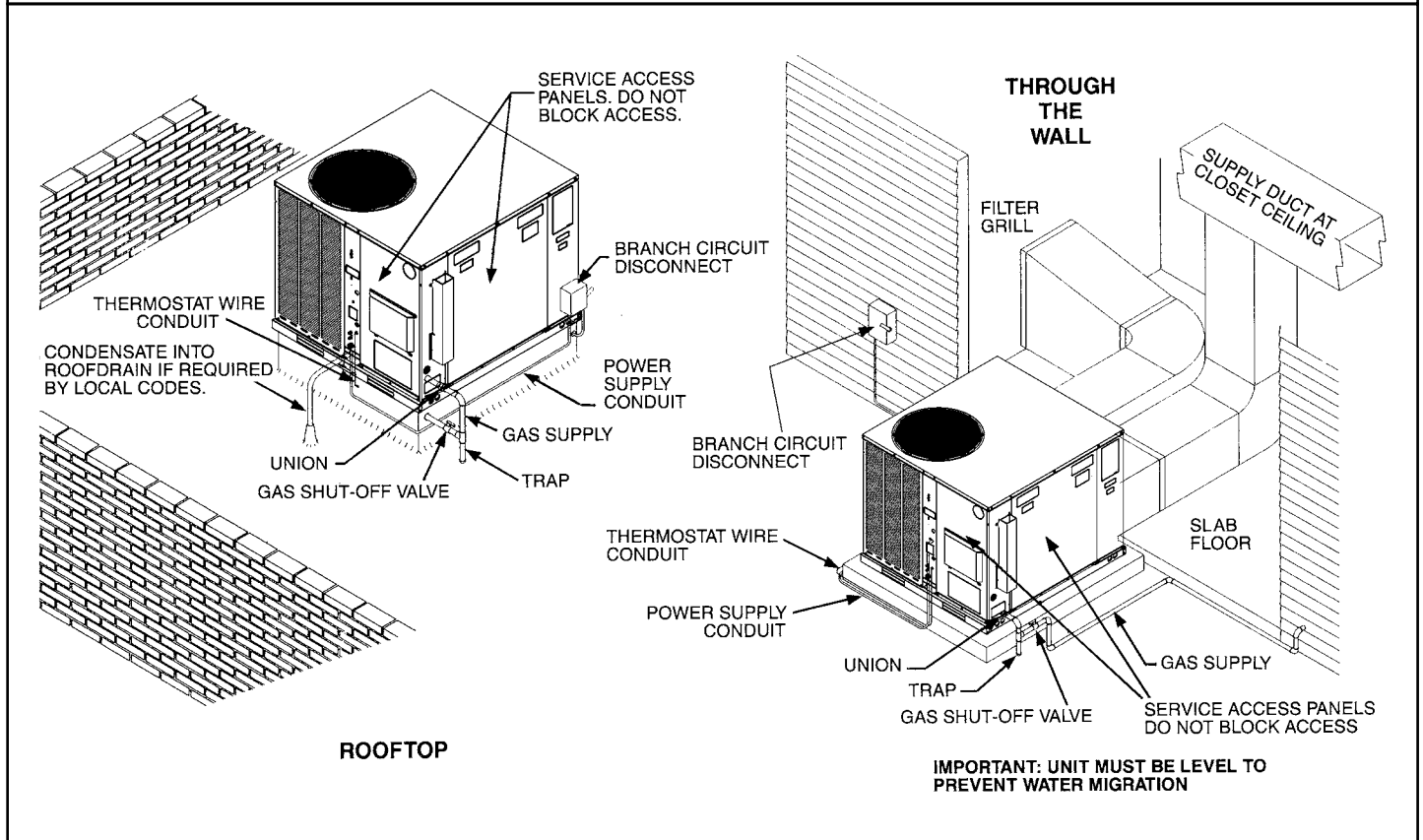
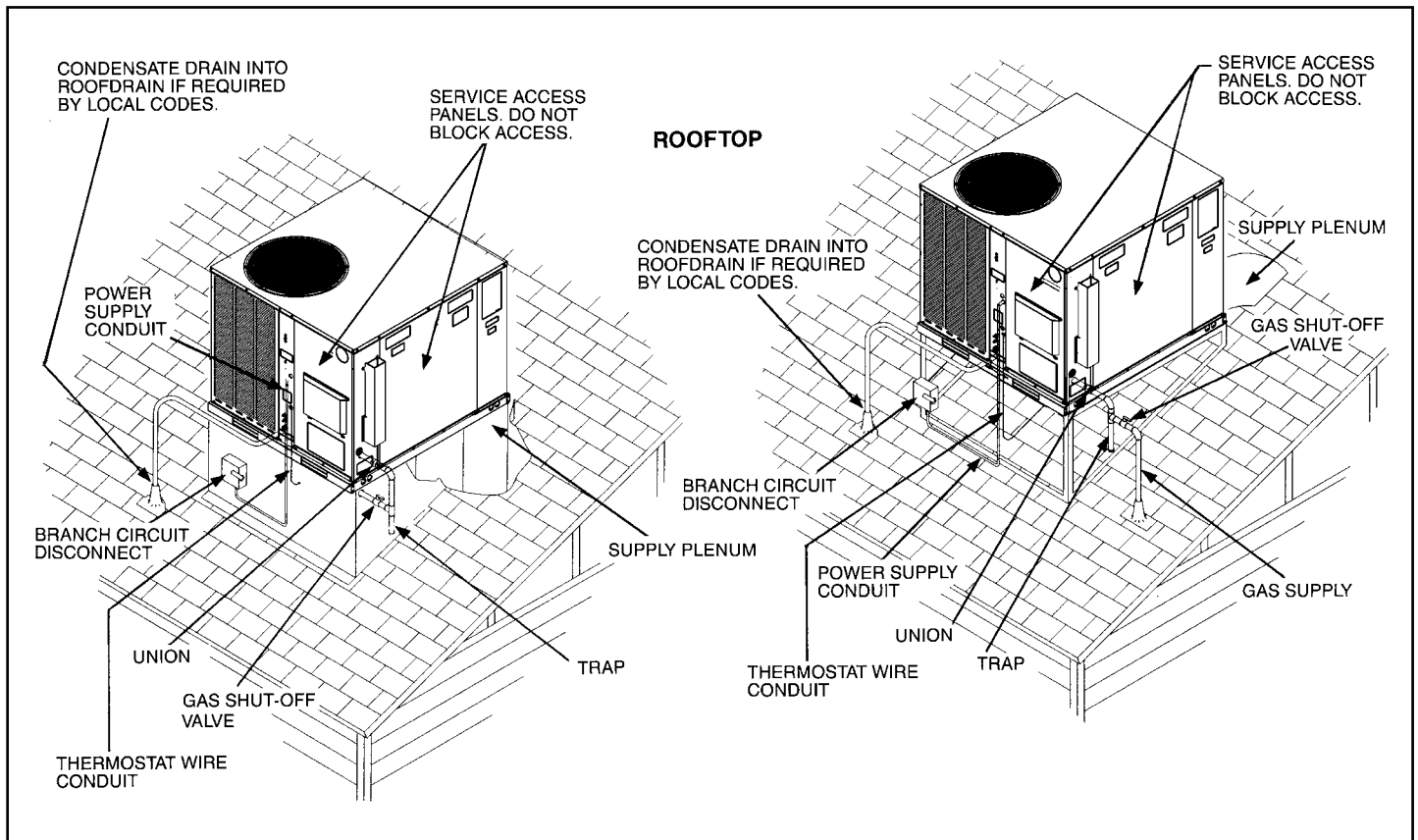
### BACK VIEW



SHOWN WITH DUCT COVERS REMOVED.

Models RGEA 13/14/15	Height "A"
024, 030, 036, 042	35 <sup>15</sup> / <sub>16</sub> "
048, 060	41"

[ ] Designates Metric Conversions



[ ] Designates Metric Conversions



## ACCESSORY EQUIPMENT

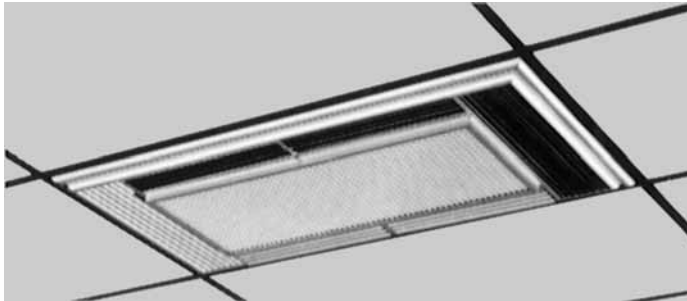
Accessory Description	Model Application	Accessory Model No.
Thermostats	RGEA13/14/15	See Thermostat Specification Sheet (T11-001)
Roofcurbs	RGEA13/14/15	RXSG-AAA08 (8" [203 mm] Height) RXSG-AAA14 (14" [356 mm] Height) RXSG-AAA24 (24" [610 mm] Height)
Supply & Return Diffusers	RGEA13/14/15	RXRN-BD15
Economizers (Sideflow Only)	RGEA13/14/15	AXRE-CCA30 (3 Position) AXRD-CCM10 (Fully Modulating)
Economizers (Downflow Only)	RGEA13/14/15	AXRE-CAA30 (3 Position) AXRD-CAM10 (Fully Modulating)
Fresh Air Damper	RGEA13/14/15	AXRF-FAB1 (Motorized-35%) AXRF-FAA1 (Fixed-35%)
Rectangular to Round Transition (Downflow)	RGEA13/14/15	RXMC-CA02 (16" [406 mm] Ducts) RXMC-CA03 (18" [457 mm] Ducts)
Filter Kit	RGEA13/14/15	RXRY-B01
Sideflow Rectangular to Round Transition	RGEA13/14/15	RXMC-BA01
LP Conversion Kits	RGEA13/14/15	RXGJ-EP84W (White-Rodgers Gas Valve) RXGJ-EP85H (Honeywell Gas Valve) RXGJ-FP28
Low Ambient Control	RGEA13/14/15	RXRZ-B01
High Pressure Control	RGEA13/14/15 <sup>2</sup>	RXAB-E01
Low Pressure Control	RGEA13/14/15 <sup>2</sup>	RXAC-C01
Canadian High Altitude Kit (for Natural Gas only <sup>1</sup> )	RGEA13/14/15	RXR- AH01

<sup>1</sup> 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.

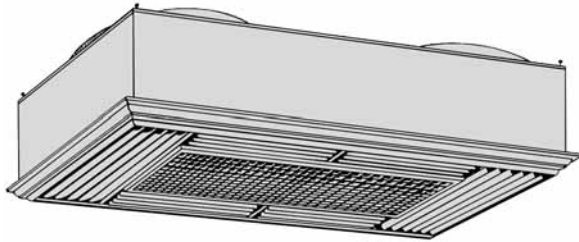
<sup>2</sup> High pressure switches are standard for RGEA15 Models.

[ ] Designates Metric Conversions

## COMMON SUPPLY/RETURN CONCENTRIC AIR DIFFUSER



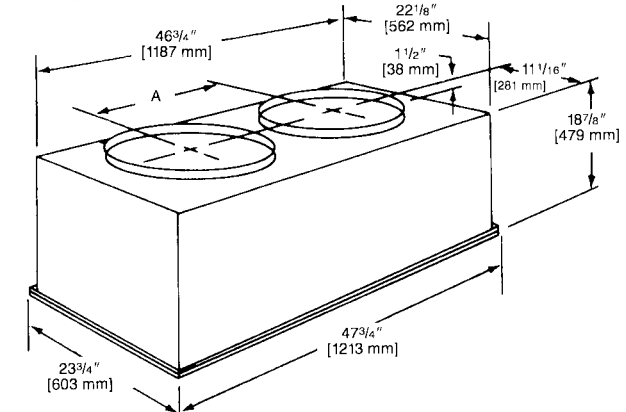
## SUPPLY/RETURN DIFFUSER



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

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

DIFFUSER INSTALLS FLUSH WITH CEILING



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

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

Accessory	Approximate CFM [L/s]-Supply Air			
	1300 [614]	1575 [743]	1800 [850]	2200 [1038]
Plenum & Supply/Return Duct	.07 [0.17]	.10 [0.24]	.12 [0.30]	.17 [0.42]
Diffuser	.09 [0.22]	.13 [0.32]	.16 [0.40]	.24 [0.60]
Economizer	.06 [0.15]	.09 [0.22]	.11 [0.27]	.17 [0.42]

## 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

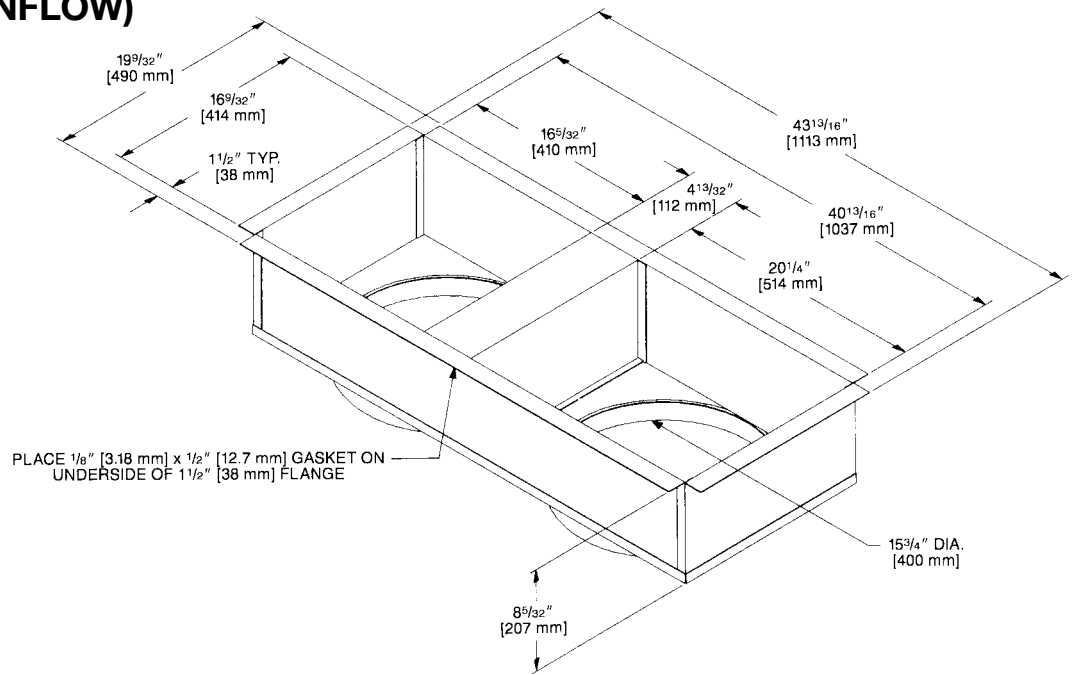
Brand	Descriptor (3 Characters)	Series (3 Characters)	System (2 Characters)	Type (2 Characters)
<b>RHC</b>	<b>-</b>	<b>TST</b>	<b>213</b>	<b>UN</b>
RHC=Rheem	TST=Thermostat	200=Programmable 300=Deluxe Programmable 400=Special Applications/ Programmable	GE=Gas/Electric UN=Universal (AC/HP/GE) MD=Modulating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

\* Photos are representative. Actual models may vary.

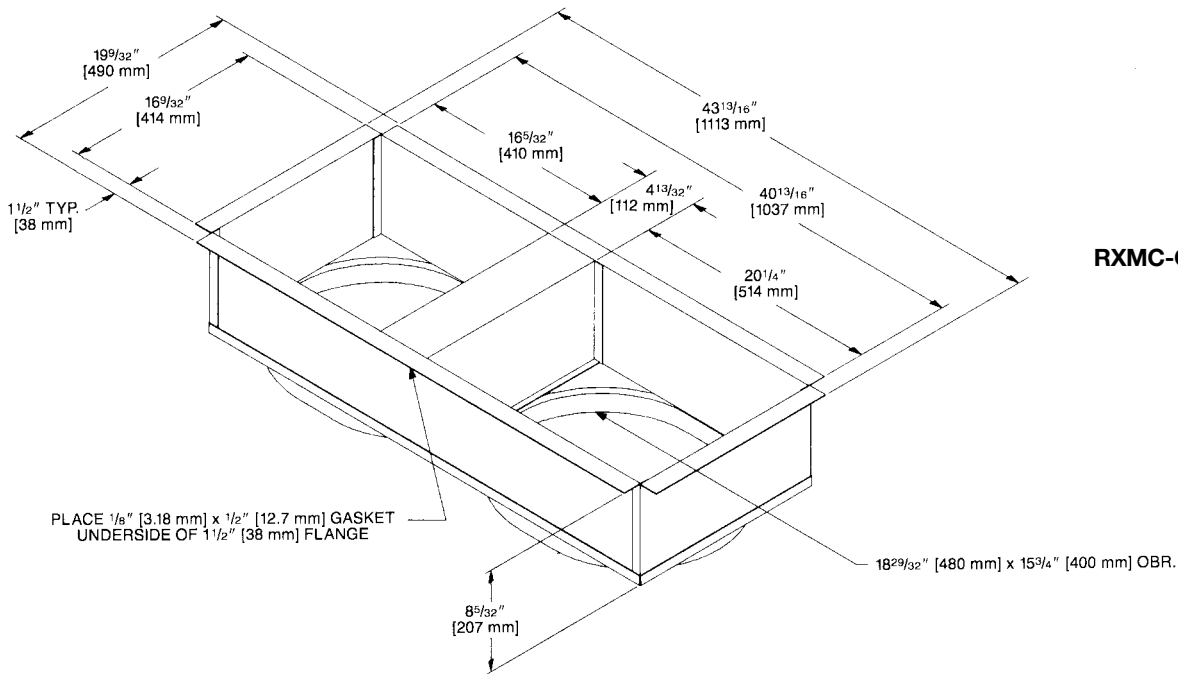
For detailed thermostat match-up information,  
see specification sheet form number T11-001.

# DUCT ADAPTERS RECTANGULAR TO ROUND TRANSITIONS (DOWNFLOW)

**RXMC-CA02**



**RXMC-CA03**



[ ] Designates Metric Conversions

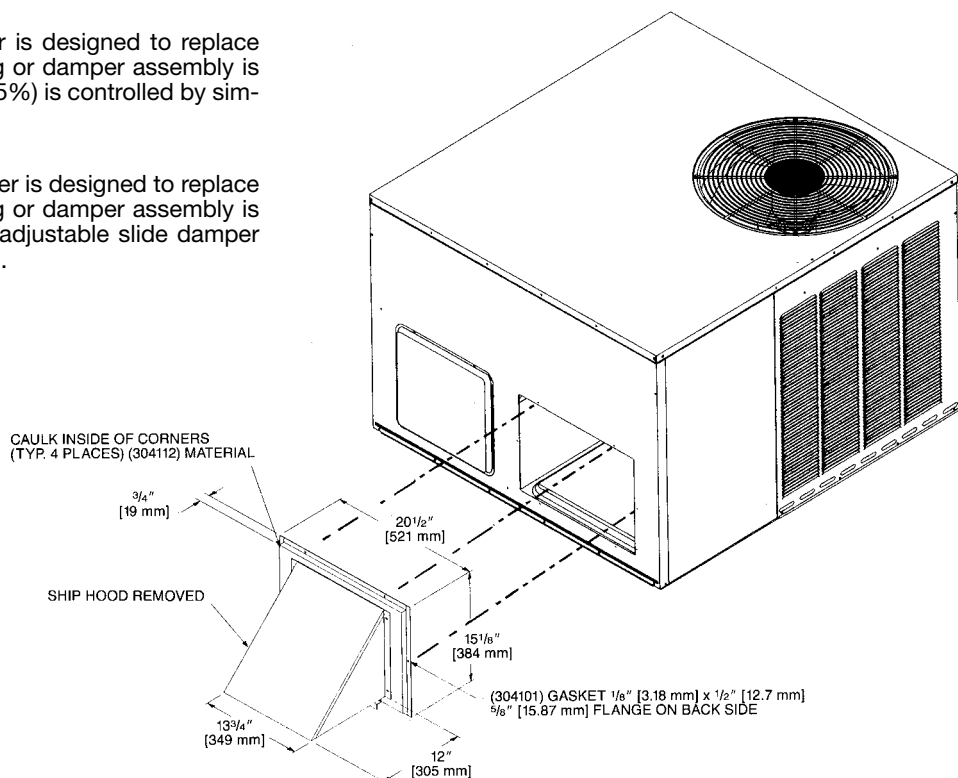
## FRESH AIR DAMPER

### 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)

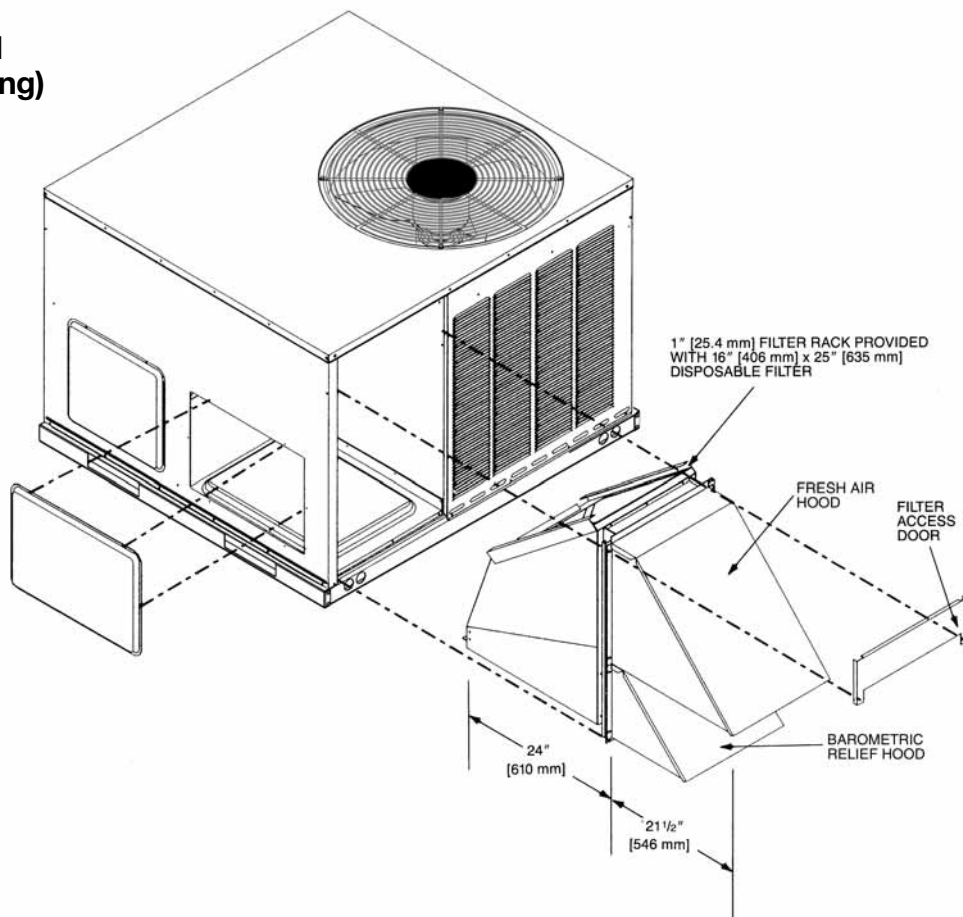
#### AXRE-CAA30 (3 Position)

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

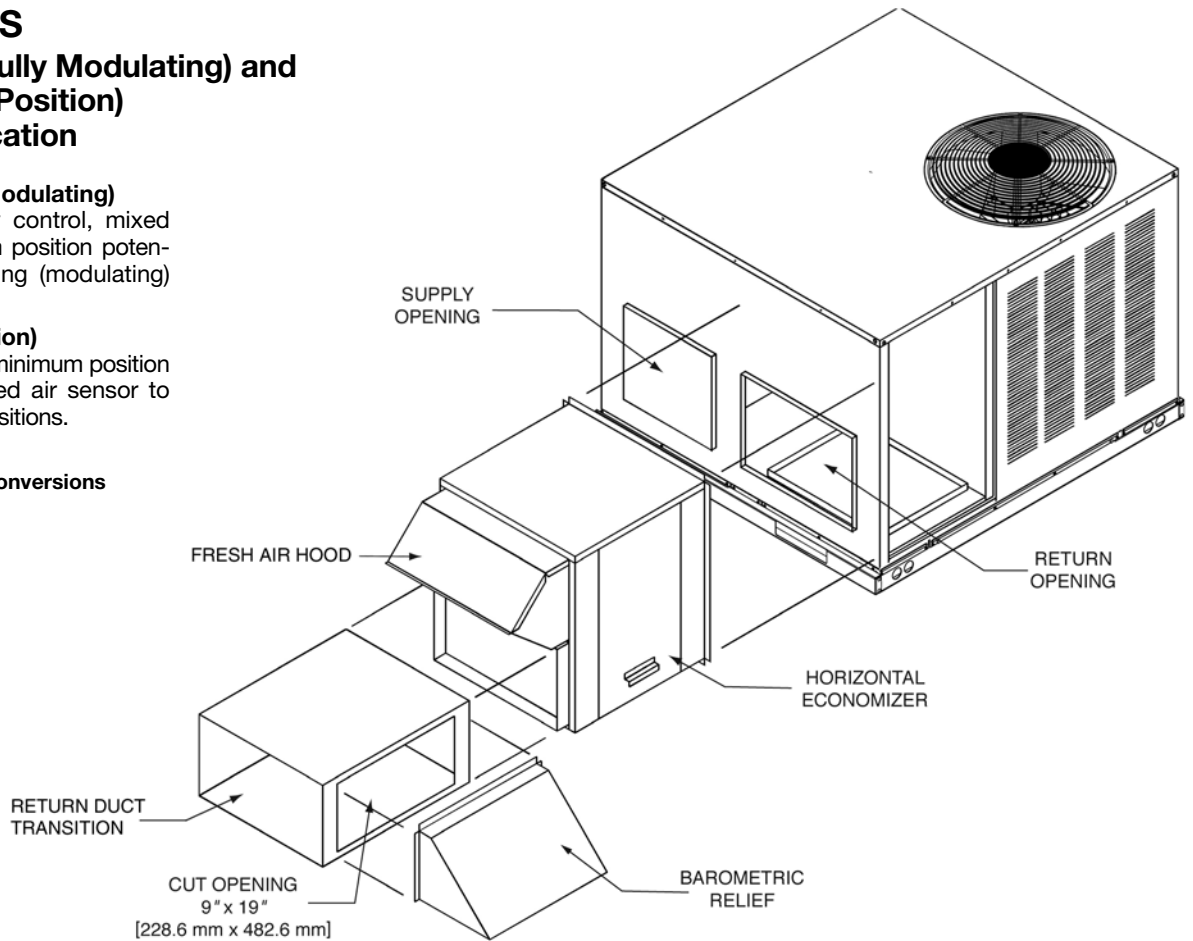
#### AXRD-CCM10 (Fully Modulating)

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.

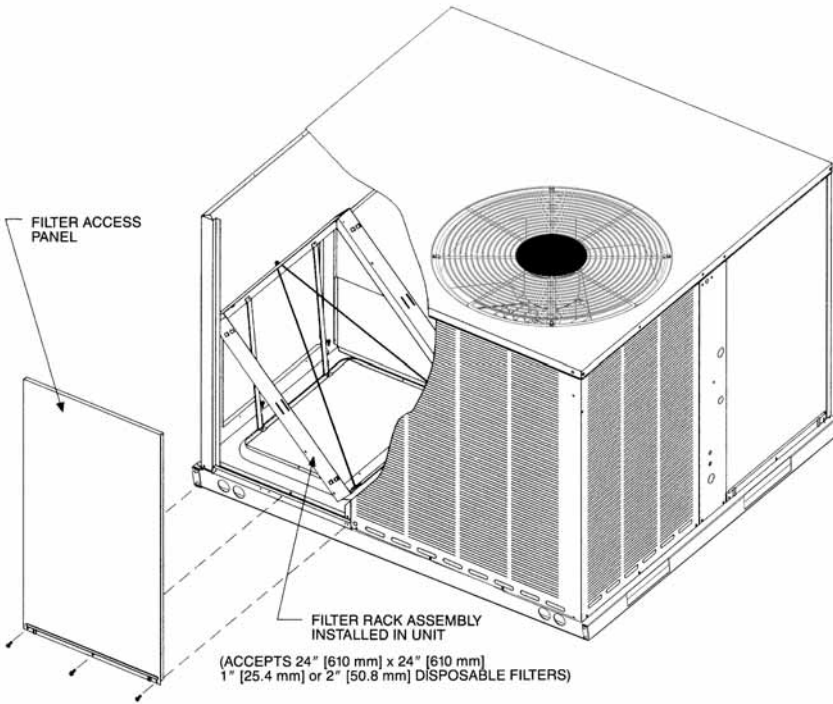
[ ] Designates Metric Conversions



# FILTER KIT INSTALLATION

## RXRY-B01

For use in either vertical or horizontal discharge.



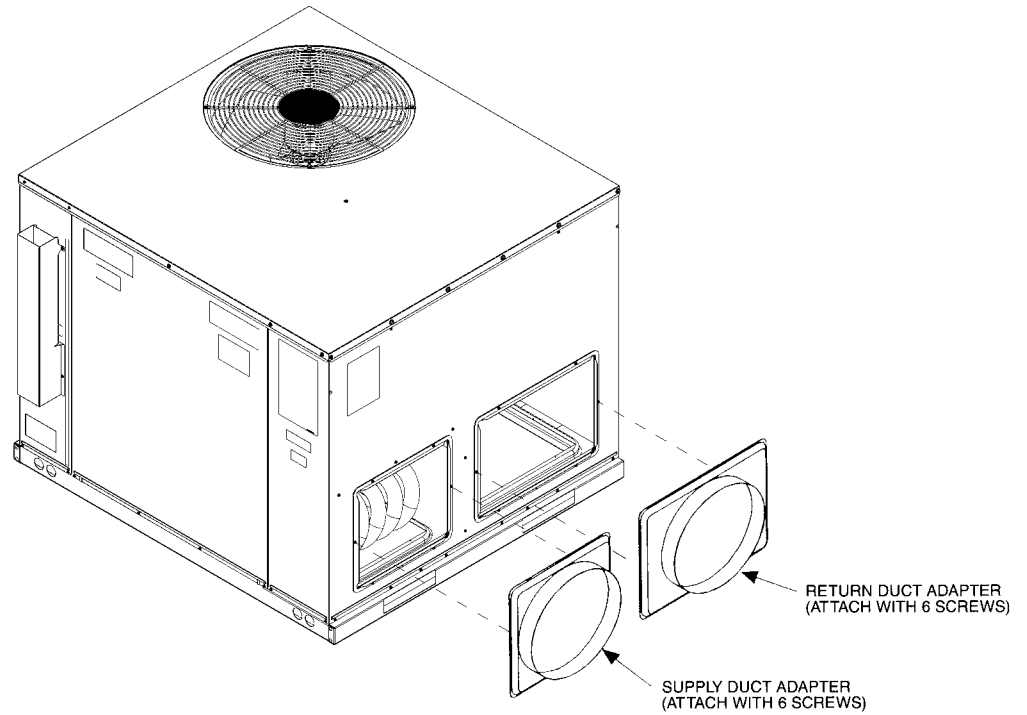
Airflow Pressure Drop, Inches W.C. [kPa]		
CFM [L/s]	1" Filter	2" Filter
500 [236]	.02 [.0050]	.03 [.0075]
600 [283]	.02 [.0050]	.03 [.0075]
700 [330]	.03 [.0075]	.04 [.0101]
800 [378]	.04 [.0101]	.05 [.0124]
900 [425]	.05 [.0124]	.06 [.0149]
1000 [472]	.07 [.0174]	.08 [.0199]
1100 [519]	.08 [.0199]	.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



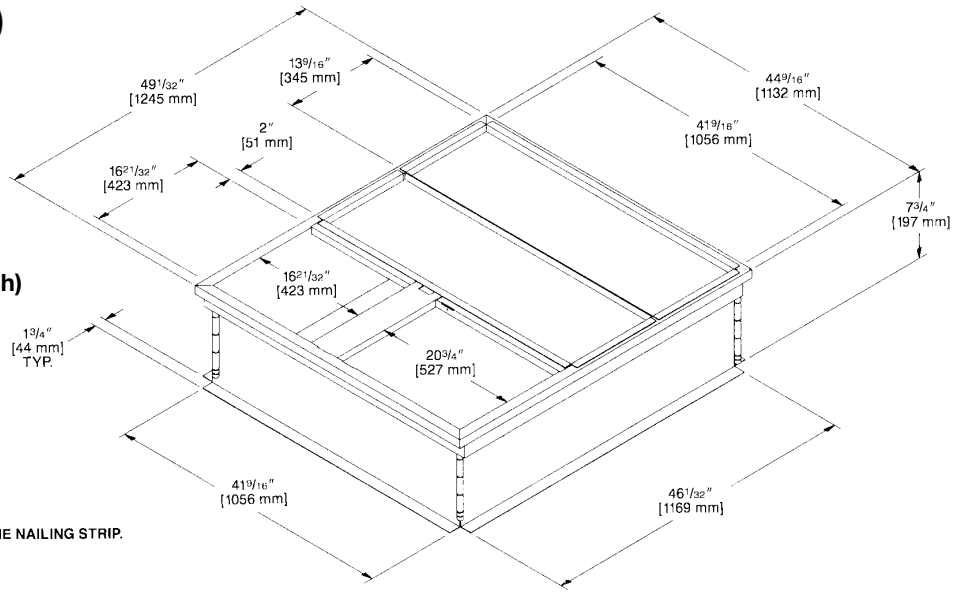


# ROOFCURB (Full Perimeter)

## RXSG-AAA08, RXSG-AAA14 and RXSG-AAA24

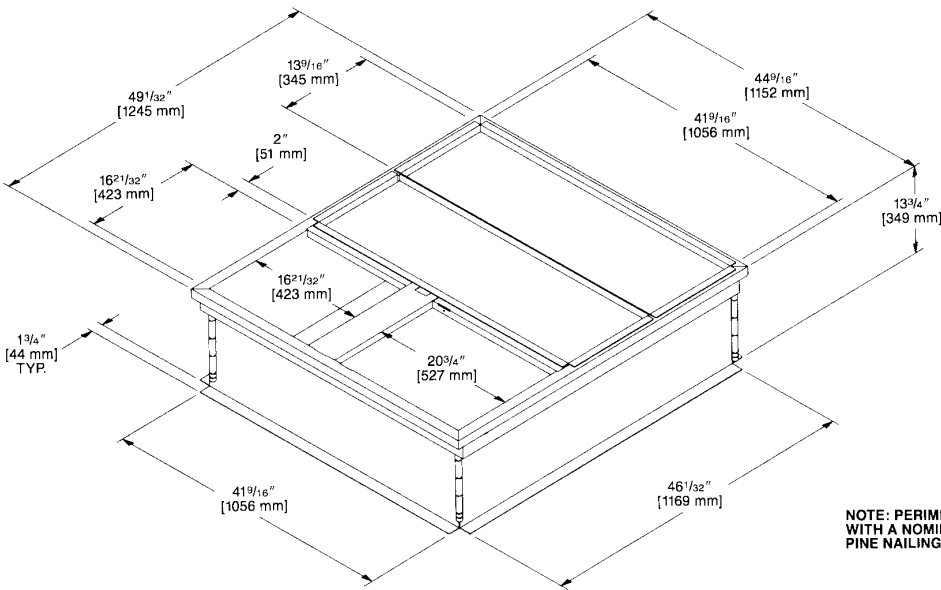
Hinged corners make for fast, easy set-up.

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



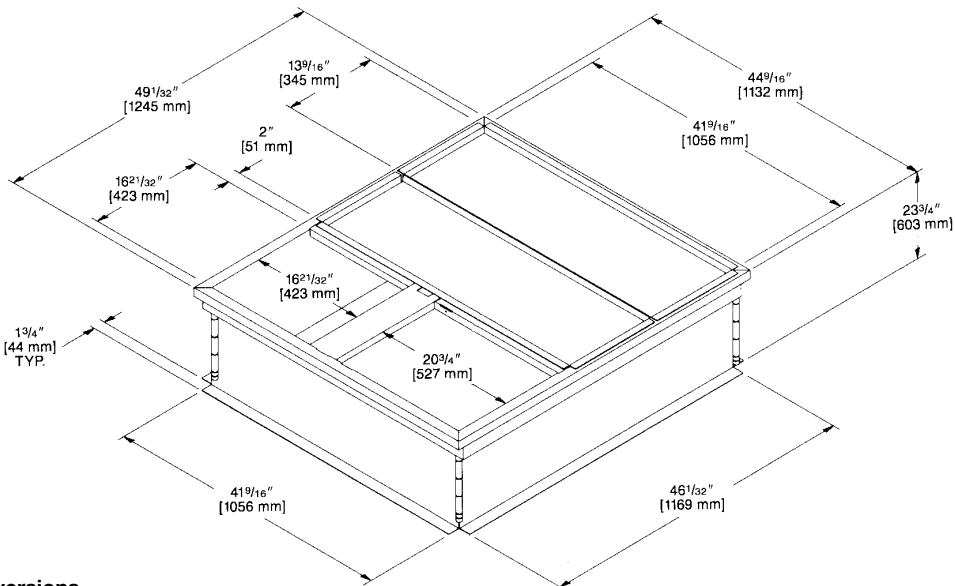
NOTE: PERIMETER OF ROOFCURB IS SUPPLIED WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm] PINE NAILING STRIP.

**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.

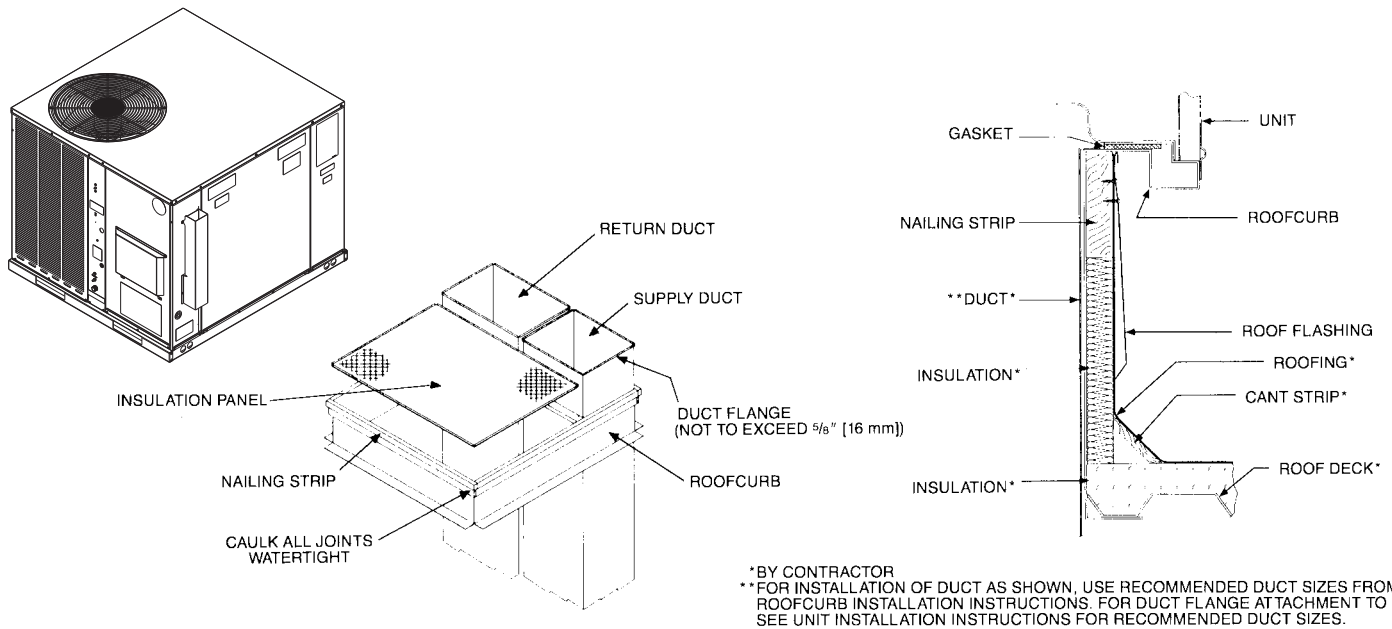
**RXSG-AAA24**  
(24" [610 mm] High)



[ ] Designates Metric Conversions



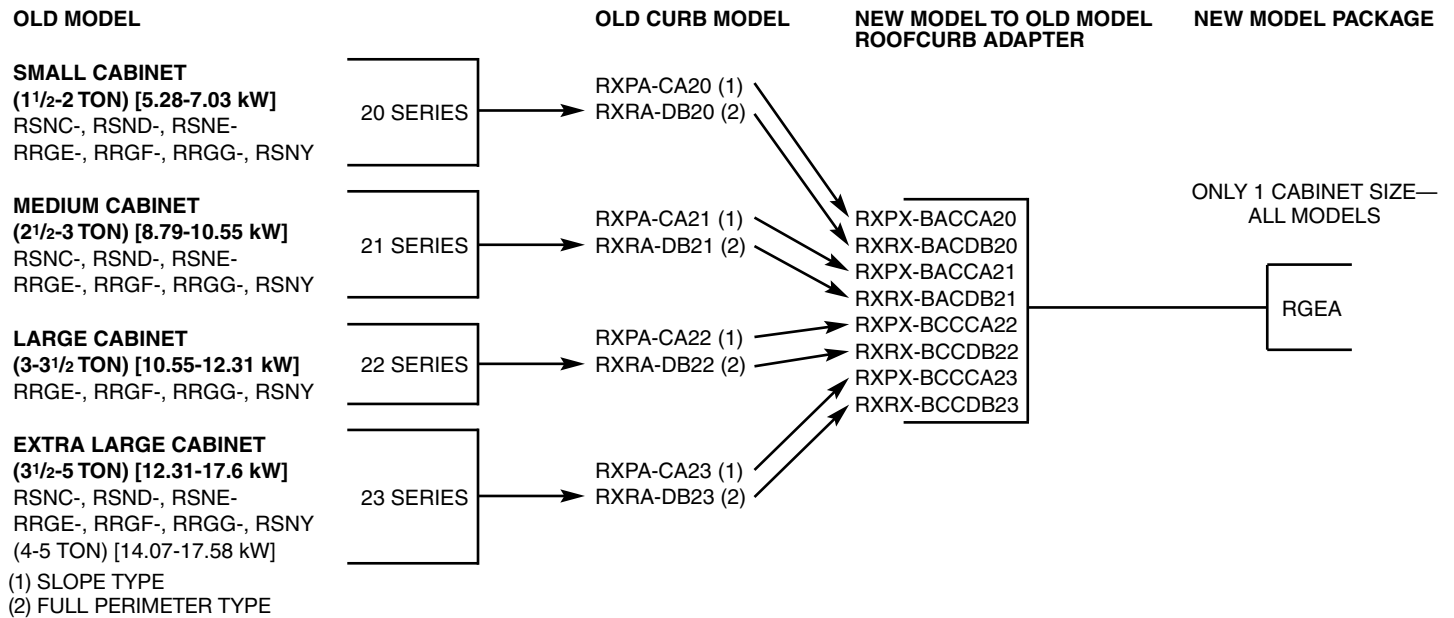
# PACKAGE AIR CONDITIONERS & PACKAGE GAS/ELECTRIC UNITS ROOFCURB INSTALLATION (Full Perimeter)



\*BY CONTRACTOR  
 \*\*FOR INSTALLATION OF DUCT AS SHOWN, USE RECOMMENDED DUCT SIZES FROM ROOFCURB INSTALLATION INSTRUCTIONS. FOR DUCT FLANGE AT ATTACHMENT TO UNIT, SEE UNIT INSTALLATION INSTRUCTIONS FOR RECOMMENDED DUCT SIZES.

## ROOFCURB ADAPTERS

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

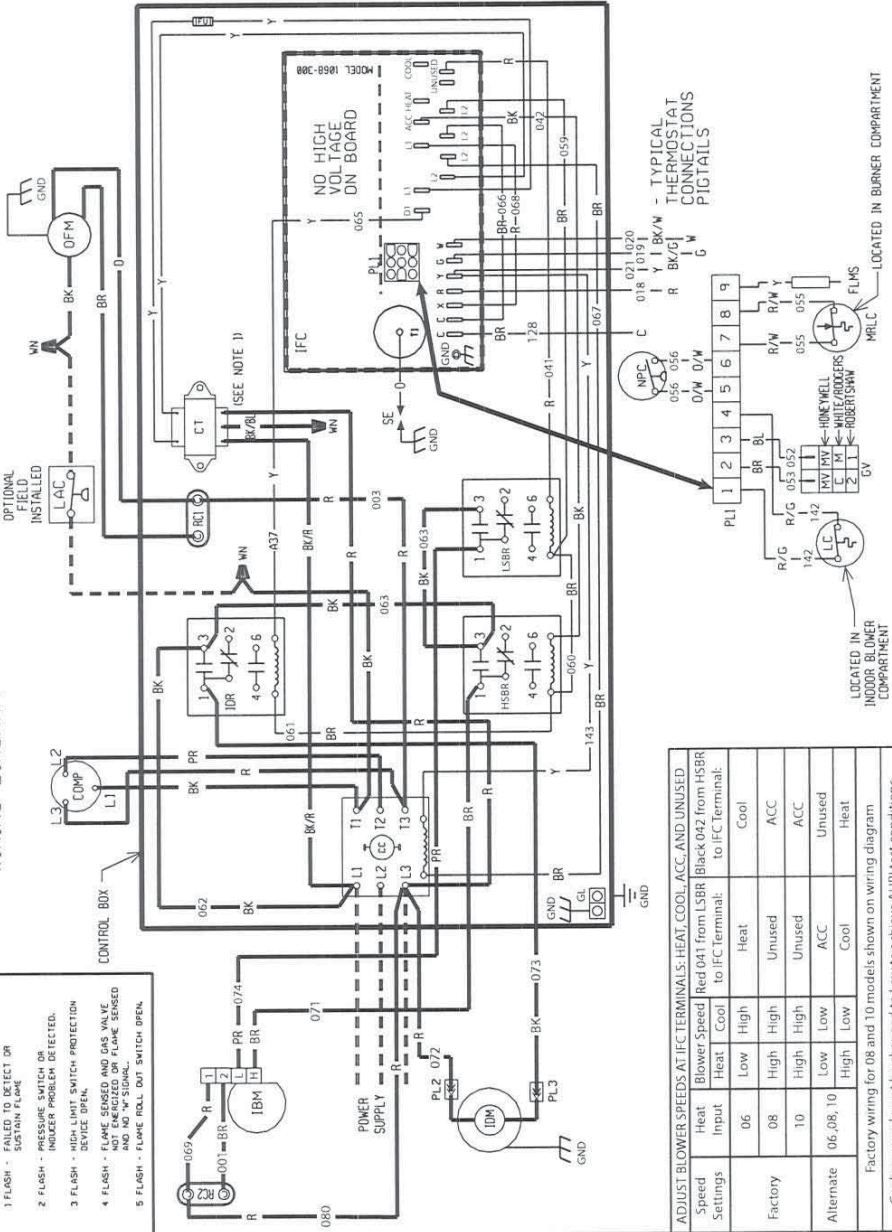


[ ] Designates Metric Conversions

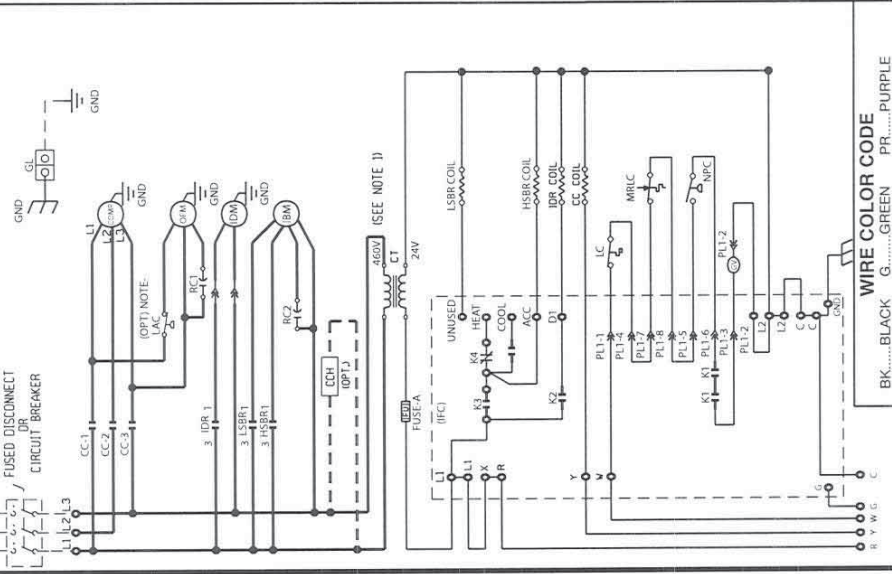
**PRINTING INSTRUCTIONS: MAKE EXACTLY 8.0 IN X 10.0 IN. WHITE BACKGROUND WITH BLACK PRINTING**  
**MATERIAL: PRESSURE SENSITIVE ADHESIVE BACKED LABEL**

- DIAGNOSTICS**
- 1 FLASH - FUSES TO DETECT OR SUSTAIN FLAME
  - 2 FLASH - PRESSURE SWITCH OR PROBE PROBLEM DETECTED
  - 3 FLASH - HIGH LIMIT SWITCH PROTECTION SERVICE OPEN
  - 4 FLASH - FLAME SENSING AND GAS VALVE AND NO "V" SIGNAL
  - 5 FLASH - FLAME ROLL OUT SWITCH OPEN

**WIRING DIAGRAM**



**WIRING SCHEMATIC**



**WIRING INFORMATION**

Factory wiring for 08 and 10 models shown on wiring diagram  
Cooling speed must be changed to Low to achieve AHRI test conditions

Speed Settings	Heat Input	Heat	Cool	ACC	Heat	Cool
Factory	06	Low	High	High	High	High
Alternate	06, 08, 10	Low	Low	Low	Low	Low

ADJUST BLOWER SPEEDS AT IFC TERMINALS: HEAT, COOL, ACC, AND UNUSED  
Blower Speed Red 041 from LSBR Black 042 from HSR to IFC Terminal: Heat, Cool, ACC, and UNUSED

- NOTES**
1. MAIN UNIT TRANSFORMER PRIMARY LEADS: BE COMMON BK/R 460V BK/BL 575 (NOT USED)
  2. MOTORS & COMPRESSOR THERMALLY PROTECTED. CONNECTORS SUITABLE FOR USE WITH COPPER
  3. CONDUCTORS ONLY WIRING IN GROUNDED RAINLIGHT
  4. CONDUCT TO BE 60 HZ FUSED DISCONNECT
  5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
  6. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.

- COMPONENT CODES**
- CC, CDDP - COMPRESSOR CONTACTOR
  - CT - CONTROL TRANSFORMER
  - FLU - FLAME SENSOR
  - FU - FUSE
  - GL - GROUND LUG
  - GND - GROUND
  - GV - GAS VALVE
  - HSBR - HIGH SPEED BLOWER RELAY
  - IBM - INDOOR BLOWER MOTOR
  - IDM - INDUCED DRAFT MOTOR
  - IDR - INDUCED DRAFT RELAY
  - IFC - INTEGRATED FURNACE CONTROL
  - LAC - LOW AMBIENT COOLING CONTROL
  - LC - LOW SPEED BLOWER RELAY
  - LSBR - LOW SPEED BLOWER RELAY
  - MPC - MAIN RESET LIMIT CONTROL
  - NPC - N.E.C. PRESSURE CONTROL
  - OPT - OUTDOOR FAN MOTOR OPTIONAL
  - PL - PLUG CAPACITOR
  - PLC - PLUG CAPACITOR
  - RC - RESISTOR
  - SE - SPARK ELECTRODE
  - WJ - WIRE NUT

**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**

3.0 TON GAS/ELECTRIC  
W/ INTEGRATED FURNACE CONTROL  
460V, 3-PHASE

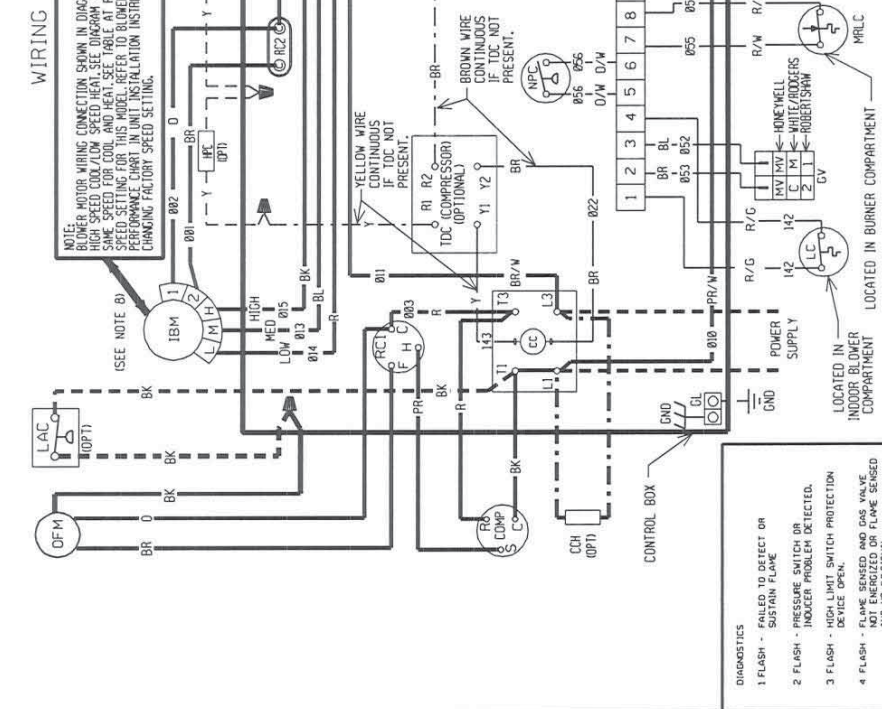
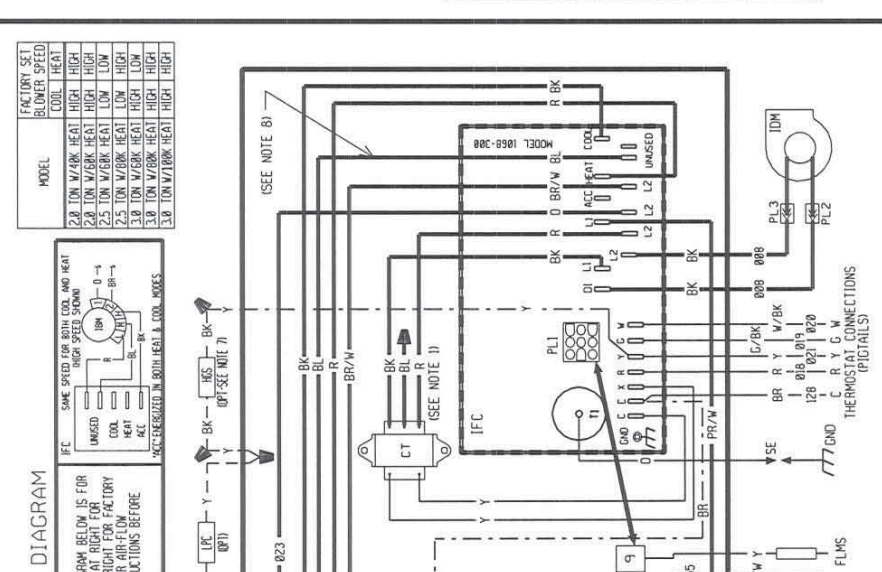
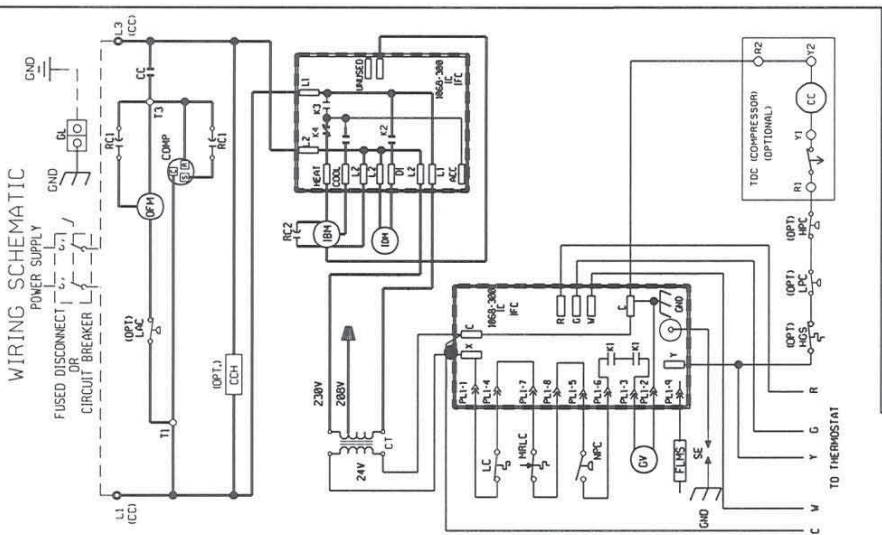
APPROVED: [Signature] CHECKED: [Signature] ORIGINAL RELEASE NO.: R-1059S014  
MODELED BY: ZJW DATE: 04-22-14  
PART NO.: 90-23626-21 REV: 00



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

**MATERIAL: PRESSURE SENSITIVE, ADHESIVE BACKED LABEL**

NO REVISION TO DESIGN, MATERIAL, TOOLING, OR PROCESS IS ACCEPTABLE WITHOUT PRIOR APPROVAL FROM RHEEM THROUGH AN AUTHORIZED CHANGE NOTICE. A REVISED ENGINEERING SPECIFICATION AND REWORKING OF PARTS IS REQUIRED FOR ALL CHANGES. ANY CHANGES AFFECTING PRODUCT QUALITY, PERFORMANCE, RELIABILITY, PACKAGING, DELIVERY OR WORKMANSHIP, ANY DOCUMENT REFERRED TO ON THIS DRAWING ARE INCLUDED IN THE SPECIFICATIONS FOR THIS COMPONENT.



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

ELECTRICAL WIRING DIAGRAM

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

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

COMPONENT CODES

CC COMPRESSOR CONTACTOR  
CCH CRANKCASE HEATER  
COMPRESSOR  
CONTROL TRANSFORMER  
FLMS FLAME SENSOR  
GND GROUND LUG  
GV GAS VALVE  
HPC HIGH PRESSURE CONTROL  
IDM INDOOR BLOWER MOTOR  
IDUCD INDUCER MOTOR  
IFC INTEGRATED FURNACE CONTROL  
HGS HOT GAS SENSOR  
LAC LIMIT CONTROL  
LC LIMIT CONTROL

NOTES

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ COMMON BLUE-208 V BLACK-230 V INTERCHANGE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION. MOTORS & COMPRESSOR THERMALLY PROTECTED, CONNECTORS SUITABLE FOR USE WITH COPPER CONDUIT TO 60 HZ FUSED DISCONNECT. A CLASS 2 TRANSFORMER 24 VOL, 50/60 HERTZ SUPPLIED. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL TOP OF COPELAND ZR\*\*KI COMPRESSORS ONLY. MED, BLOWER SPEED AND BLUE LEAD DN 2.5 - 4.0 TON MODELS ONLY.

WIRING INFORMATION

LINE VOLTAGE  
-FACTORY STANDARD  
-FACTORY OPTION  
-FIELD INSTALLED

LOW VOLTAGE  
-FACTORY STANDARD  
-FIELD INSTALLED

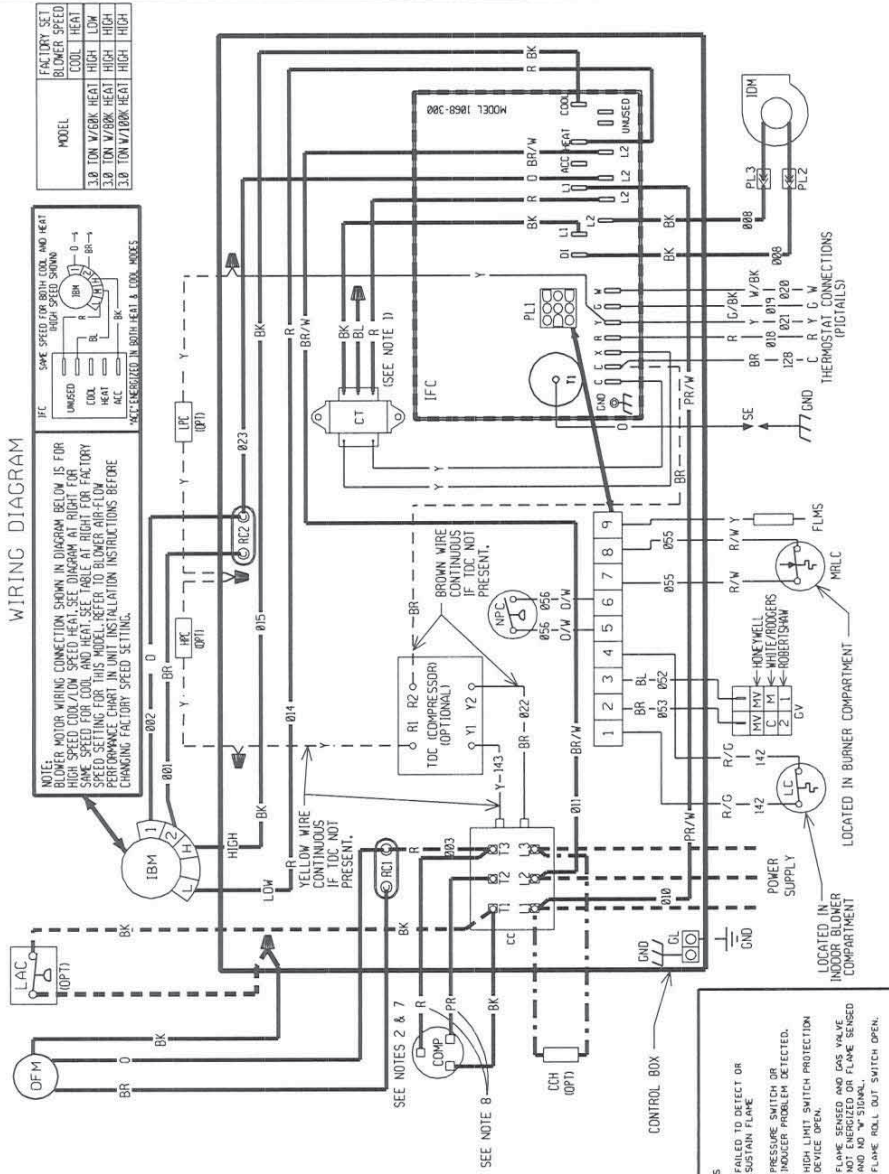
REPLACEMENT WIRE  
MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105C, MIN)

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

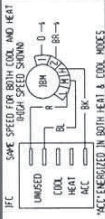


**PRINTING INSTRUCTIONS:** MAKE EXACTLY 8.0 IN X 10.0 IN. WHITE BACKGROUND WITH BLACK PRINTING  
**MATERIAL:** PRESSURE SENSITIVE, ADHESIVE BACKED LABEL

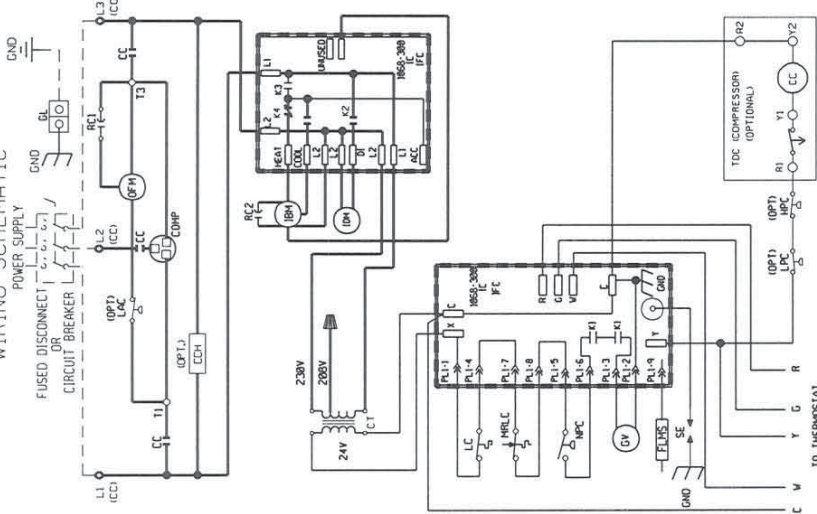
REV. 1



MODEL	COOL	HEAT	COOL	HEAT	COOL	HEAT	COOL	HEAT	COOL	HEAT
3.0 TON V/BK/HEAT	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
3.0 TON V/BK/HEAT	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH
3.0 TON V/TB/K/HEAT	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH



**WIRING SCHEMATIC**



**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 TON GAS/ELECTRIC**  
**W/ INTEGRATED FURNACE CONTROL**  
**W/SPC BLOWER MOTOR**  
208/230V, 3-PHASE

APPROVED: *[Signature]* CHECKED: *[Signature]* ORIGINAL RELEASE NO.  
MODELED: ZJW DATE: 05-07-14 R-1059S015  
PART NO.: 90-23626-23 REV: 00

**COMPONENT CODES**

CC	COMPRESSOR CONTACTOR	LOW PRESSURE CONTROL
CCH	CRANKCASE HEATER	MAN. RESET LIMIT CONTROL
COMP	COMPRESSOR	NEG. PRESSURE CONTROL
CT	CONTROL TRANSFORMER	OUTDOOR FAN MOTOR
FLM	FLAME SENSOR	OPTIONAL PLUG
GL	GROUND LUG	PL
GV	GROUND	RC
GV	GAS VALVE	SE
HPC	HIGH PRESSURE CONTROL	TDC
IBM	INDOOR BLOWER MOTOR	TIME DELAY CONTROL
IDM	INDUCED DRAFT MOTOR	
IFC	INTEGRATED FURNACE CONTROL	
HDS	HOT GAS SENSOR	
LAC	LOW AMBIENT COOLING CONTROL	
LC	LIMIT CONTROL	

- NOTES**
1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 50 HZ, COMMON, BLUE-208 V, BLACK-230 V INTERCHANGE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION.
  2. MOTORS & COMPRESSOR THERMALLY PROTECTED, CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
  3. CONNECT FIELD WIRING IN GROUND RAIN-TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
  4. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH CLASS 2 TRANSFORMER 24 VOLT, 50/60 HZ, PLUG MOUNTED.
  5. REPLACEMENT WIRE GAUGES MUST BE SAME TYPE & SIZE AS ORIGINAL.
  6. COMPRESSOR PROTECTED UNDER PRIMARY PHASE CONDITIONS.
  7. SINGLE-PHASE WIRING ARE ALL BLACK FOR UNITS WITHOUT MOLDED COMPRESSOR PLUG.

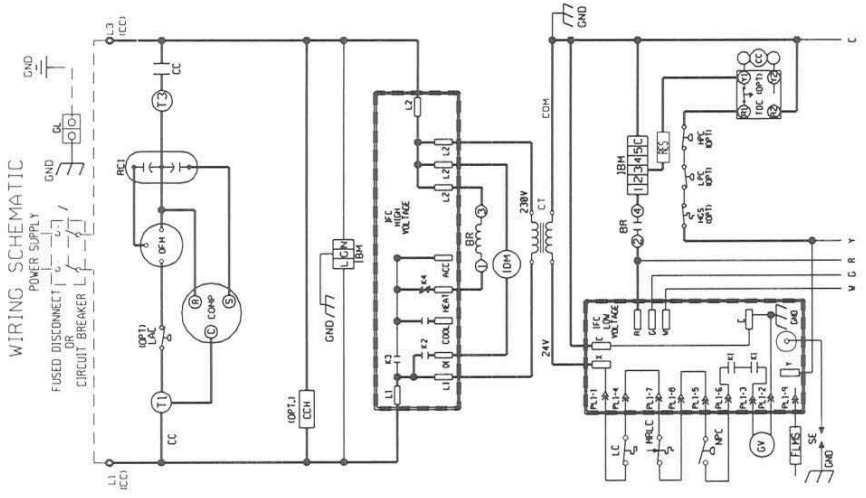
- WIRING INFORMATION**
- LINE VOLTAGE
  - FACTORY STANDARD
  - FACTORY OPTION
  - FIELD INSTALLED
  - LOW VOLTAGE
  - FACTORY STANDARD
  - FIELD INSTALLED
- REPLACEMENT WIRE  
-MUST BE THE SAME SIZE AND TYPE  
-MUST BE PERMANENTLY GROUNDED  
-CONFORM TO I.E.C. N.E.C. C.E.C.  
-NATIONAL WIRING REGULATIONS, AND LOCAL  
-CABINET CODES AS APPLICABLE





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**WIRING SCHEMATIC**



**WIRE COLOR CODE**

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

**ELECTRICAL WIRING DIAGRAM**

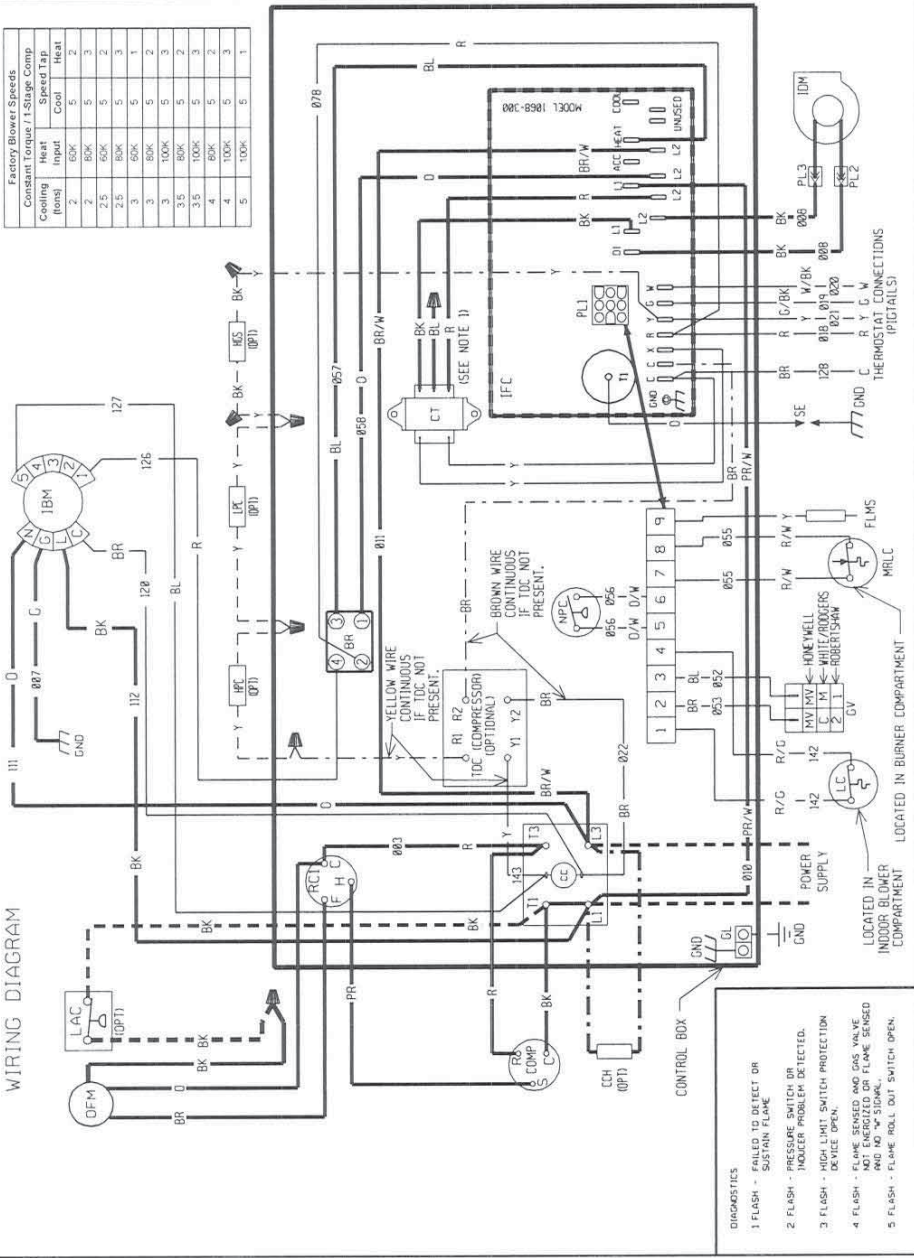
2.0 - 5.0 TON SINGLE STAGE GAS/ELECTRIC  
W/ INTEGRATED FURNACE CONTROL  
W/ CONSTANT TORQUE BLOWER MOTOR  
208/230V, 1-PHASE

APPROVED	CHECKED	ORIGINAL RELEASE NO.
MODELED	DATE: 05-07-14	R-1059S015
BY: ZJW		
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 LABEL**

**WIRING DIAGRAM**



**COMPONENT CODES**

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

**NOTES**

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ, 480V, BLUE-208 V, BLACK-230 V. PERFORMANCE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION.
2. MOTORS & COMPRESSOR THERMALLY PROTECTED. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
3. CONNECT FIELD WIRING IN GROUNDED, PAINTIGHT, LOW VOLTAGE ENCLOSURE.
4. USE APPROVED WIRE SIZES AND TYPE. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE AS ORIGINAL.
5. A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
6. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.

**WIRING INFORMATION**

LINE VOLTAGE  
-FACTORY STANDARD  
-FACTORY OPTION  
-FIELD INSTALLED

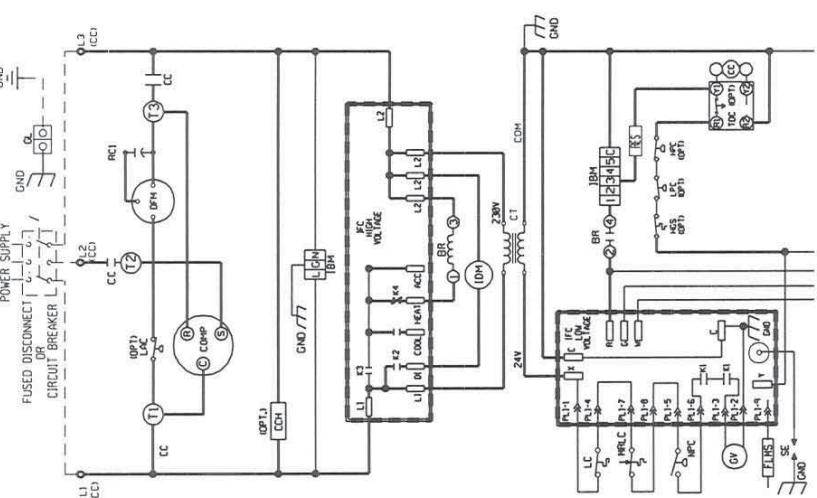
LOW VOLTAGE  
-FACTORY STANDARD  
-FIELD INSTALLED

REPLACEMENT WIRE  
-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (106C, MIN)

WARNING MUST BE PERMANENTLY GROUNDED AND CONFORM TO IEC, N.E.C., C.E.C. AND NATIONAL WIRING REGULATIONS AND LOCAL CODES AS APPLICABLE.

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WIRING SCHEMATIC



**WIRE COLOR CODE**

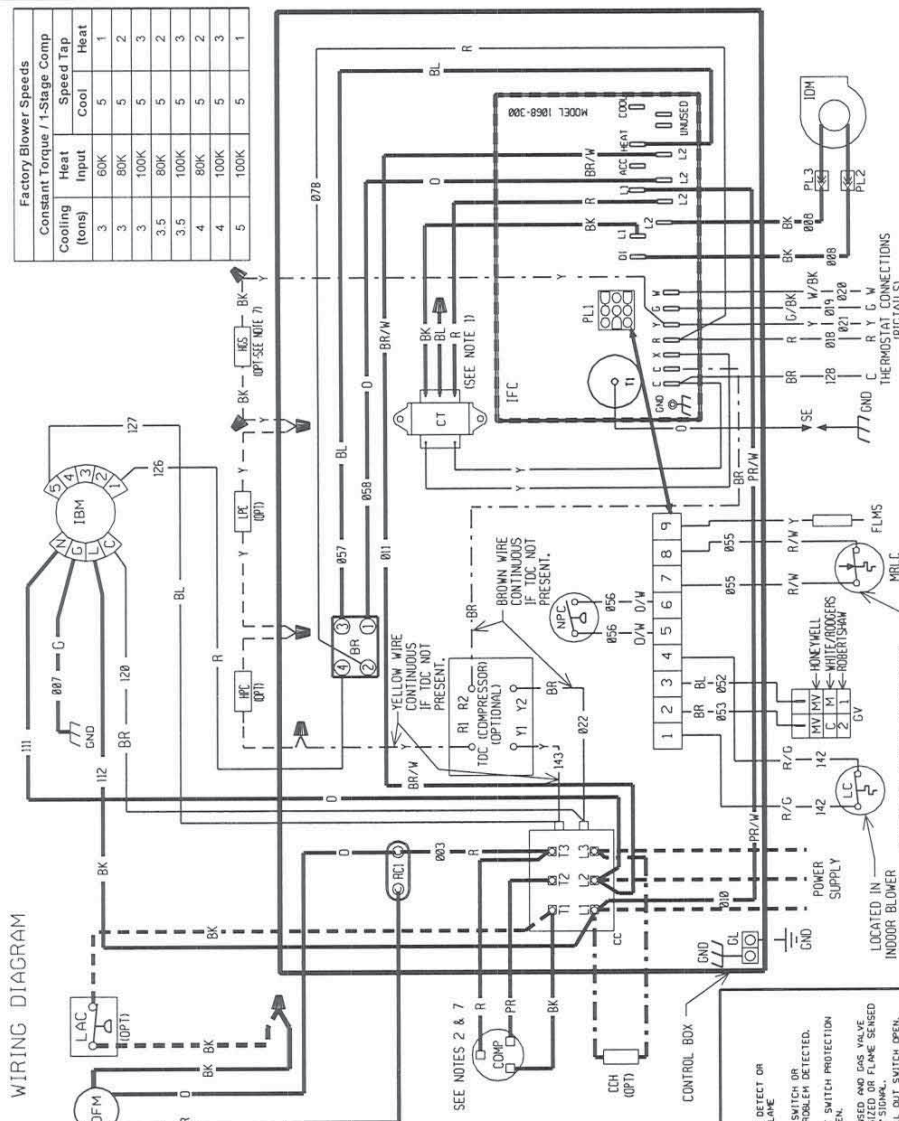
BK.....BLACK	G.....GREEN	PR.....PURPLE
BR.....BROWN	GY.....GRAY	R.....RED
BL.....BLUE	O.....ORANGE	W.....WHITE
	Y.....YELLOW	

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: [Signature] CHECKED: [Signature] ORIGINAL RELEASE NO. R-1059S015  
MODELED: ZJW DATE: 05-07-14  
PART NO.: 90-23626-25 REV: 00

**Factory Blower Speeds**

Constant Torque / 1-Stage Comp	Speed Tap	Heat
Cooling	Input	Cool
3	60K	5
3	80K	5
3	100K	5
3.5	80K	5
3.5	100K	5
4	80K	5
4	100K	5
5	100K	5



COMPONENT CODES

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

NOTES

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ COMMON BLUE-208 V BLACK-230 V RED-INTERCHANGE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION.
2. MOTORS & COMPRESSOR THERMALLY PROTECTED. CONNECTIONS SUITABLE FOR USE WITH COPPER.
3. CONNECT FELD WIRING IN GROUNDED RAINIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
4. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
5. SEAL-FLAMEMIGRATION.
6. COMPRESSOR PROTECTED UNDER NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.
7. FUSES MUST BE SAME TYPE & RATING AS SHOWN ON THIS DRAWING.

WIRING INFORMATION

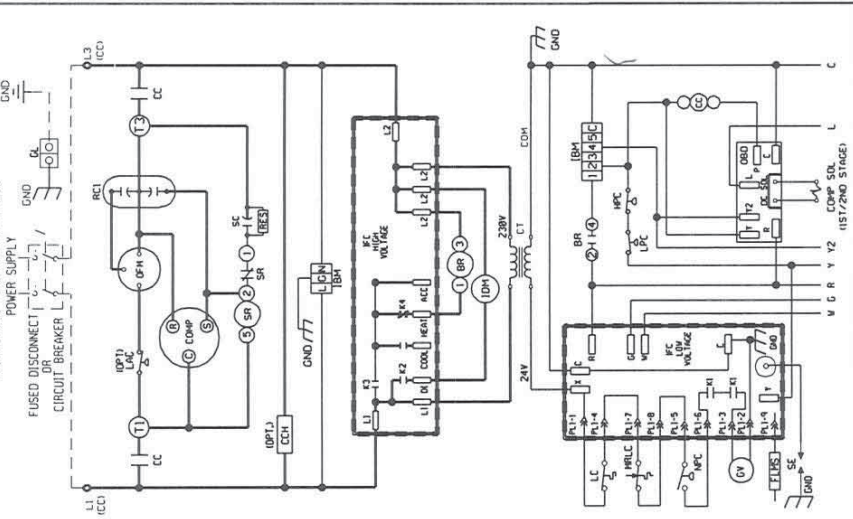
- LINE VOLTAGE
  - FACTORY STANDARD
  - FACTORY OPTION
  - FIELD INSTALLED
  - FIELD INSTALLED
  - FACTORY STANDARD
  - FIELD INSTALLED
- REPLACEMENT WIRE - MUST BE THE SAME SIZE AND TYPE AND CONFORM TO I.E.C., N.E.C., C.E.C., NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.

PRINTING INSTRUCTIONS: MAKE EXACTLY 8.0 IN X 10.0 IN. WHITE BACKGROUND WITH BLACK PRINTING  
MATERIAL: PRESSURE SENSITIVE, ADHESIVE BACKED LABEL

WIRING DIAGRAM



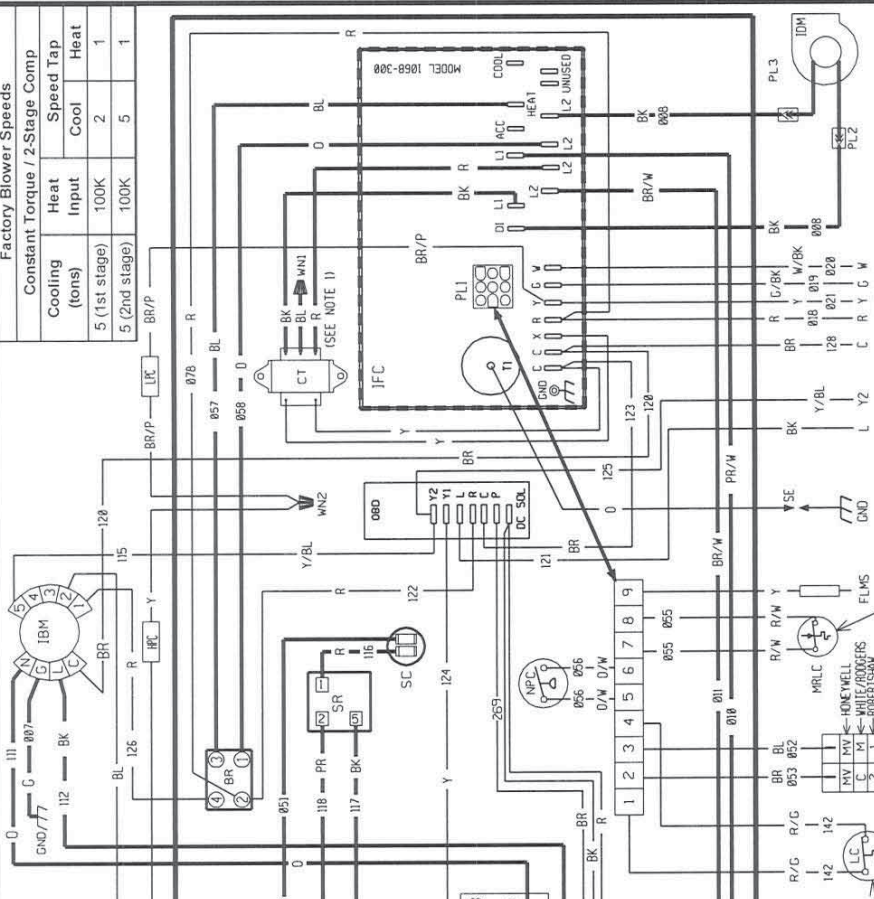
NO REVISION TO DESIGN, MATERIAL, TOOLING OR PROCESS IS ACCEPTABLE WITHOUT THE SIGNATURE OF THE DESIGN ENGINEER. ANY CHANGE NOTICE A REVISION ENGINEERING SPECIFICATION AND A RESAMPLING OF PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING RHEEM R & D AND PURCHASING DEPARTMENTS IN WRITING OF ANY CHANGES AFFECTING PRODUCT QUALITY, PERFORMANCE, RELIABILITY, PACKAGING, DELIVERY OR WORKMANSHIP. ANY DOCUMENTS REFERRED TO ON THIS DRAWING ARE INCLUDED IN THE SPECIFICATIONS FOR THIS COMPONENT.

**WIRING SCHEMATIC**

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

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

APPROVED	CHECKED	ORIGINAL RELEASE
MODELED	DATE	NO.
ZJW	05-07-14	R-1062S001
PART NO.:	90-23626-26	REV: 00

Factory Blower Speeds		
Constant Torque / 2-Stage Comp	Heat Input	Speed Tap
5 (1st stage)	100K	2
5 (2nd stage)	100K	5


**COMPONENT CODES**

BR	BLOWER RELAY	LC	LIMIT CONTROL
CC	COMPRESSOR CONTACTOR	LPC	LOW PRESSURE CONTROL
CCH	CRANKCASE HEATER	MRLC	MAN. RESET LIMIT CONTROL
COMP	COMPRESSOR	NPIC	NEG. PRESSURE CONTROL
CT	CONTROL TRANSFORMER	OBD	ON BOARD DIAGNOSTICS
FLMS	FLAME SENSOR	OFM	OUTDOOR FAN MOTOR
GL	GROUND LUG	OPT	OPTIONAL
GV	GAS VALVE	PL	PLUG
HPC	HIGH PRESSURE CONTROL	RC	RUN CAPACITOR
IBM	INDOOR BLOWER MOTOR	SC	START CAPACITOR
IDM	INDUCED DRAFT MOTOR	SE	SPARK ELECTRODE
IFC	INTEGRATED FURNACE CONTROL	SR	START RELAY
LAC	LOW AMBIENT COOLING CONTROL	WN	WIRE NUT

**NOTES**

- MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ COMMON BLUE-208 V BLACK-230 V INTERCHANGE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION.
- MOTORS & COMPRESSOR THERMALLY PROTECTED. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
- CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT LOW VOLTAGE CIRCUITS N.E.C. CLASS 2 WITH 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  
 -WIRE MUST BE PERMANENTLY GROUNDED CABINET MUST BE TO E.C.N.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**

BLACK WIRE CONTINUOUS IF LAC IS NOT PRESENT.  
 ROUTE COMPRESSOR WIRES THROUGH COMP. ALERT (OBD).

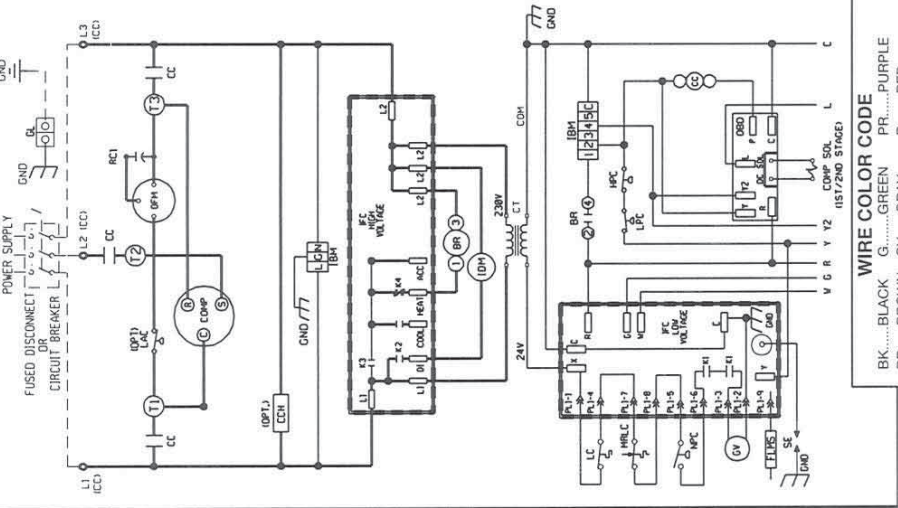
DIAGNOSTICS  
 1 FLASH - FAILED TO DETECT OR INDICER SWITCH DETECTED.  
 2 FLASH - HIGH LIMIT SWITCH PROTECTION  
 3 FLASH - FLAME SENSED OR FLAME SENSED AND NO "S" SIGNAL.  
 4 FLASH - FLAME ROLL OUT SWITCH OPEN.

LOCATED IN BURNER COMPARTMENT  
 LOCATED IN INDOOR BLOWER COMPARTMENT

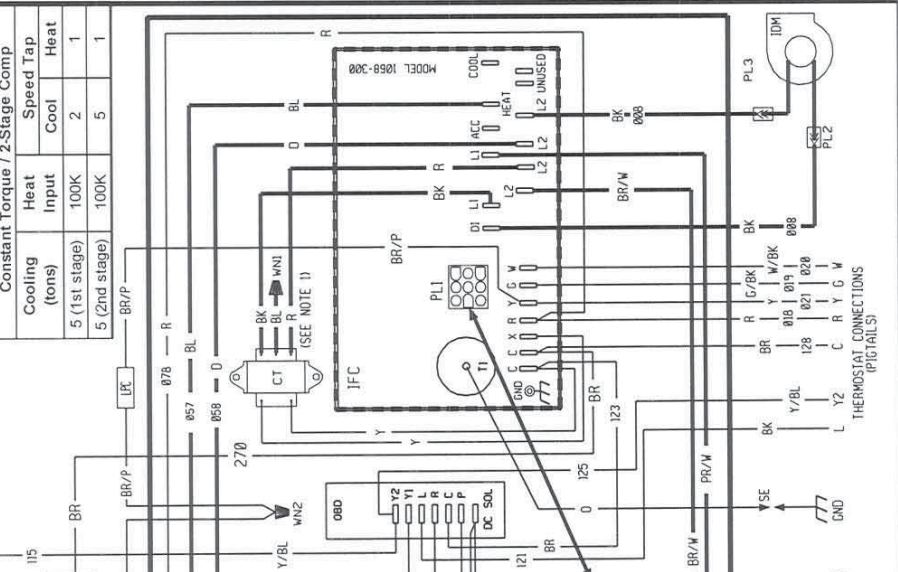
LOCATED IN CONTROL BOX

**PRINTING INSTRUCTIONS: MAKE EXACTLY 8.0 IN X 10.0 IN. WHITE BACKGROUND WITH BLACK PRINTING**  
**MATERIAL: PRESSURE SENSITIVE, ADHESIVE BACKED LABEL**

**WIRING DIAGRAM**

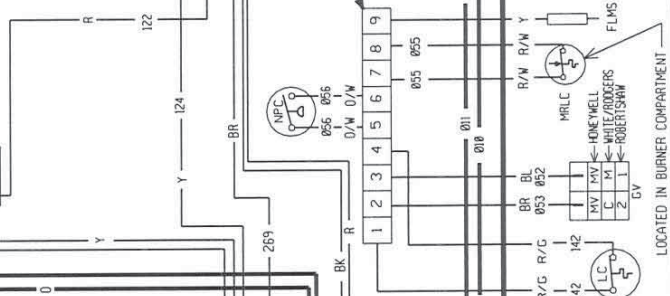


**WIRING SCHEMATIC**



**Factory Blower Speeds**

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



**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  
208/230V, 3-PHASE

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

**COMPONENT CODES**

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

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

**NOTES**

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 208V COMMON BLUE-208 V. BLACK-230 V. INTERCHANGE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION.  
2. MOTORS & COMPRESSOR THERMALLY PROTECTED. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY. BRING IN GROUNDED RAINIGHT CONDUIT TO 60 MW FUSED DISCONNECT.  
3. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH HERTZ SUPPLIED.  
4. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.

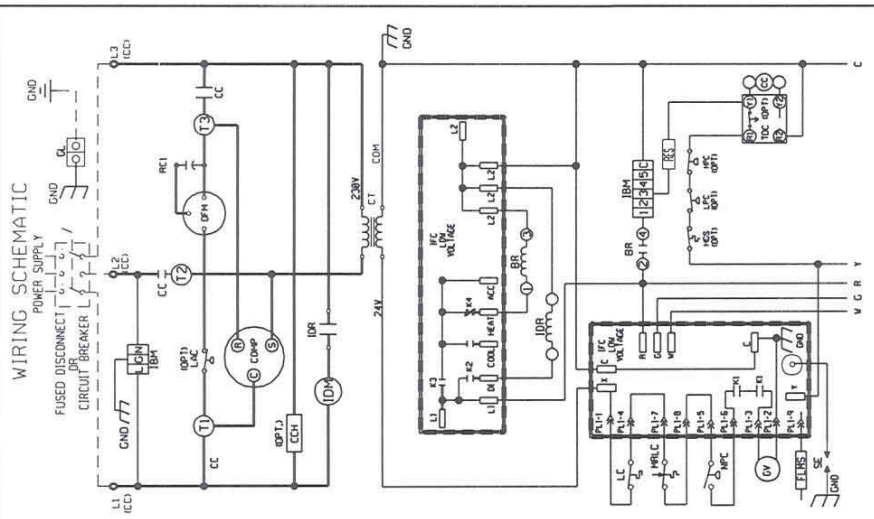
**WIRING INFORMATION**

LINE VOLTAGE \_\_\_\_\_  
-FACTORY STANDARD \_\_\_\_\_  
-FACTORY OPTION - - - - -  
-FIELD INSTALLED \_\_\_\_\_  
LOW VOLTAGE \_\_\_\_\_  
-FACTORY STANDARD \_\_\_\_\_  
-FIELD INSTALLED \_\_\_\_\_

REPLACEMENT WIRE \_\_\_\_\_  
-MUST BE THE SAME SIZE AND TYPE \_\_\_\_\_  
-MUST BE 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



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**WIRE COLOR CODE**

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

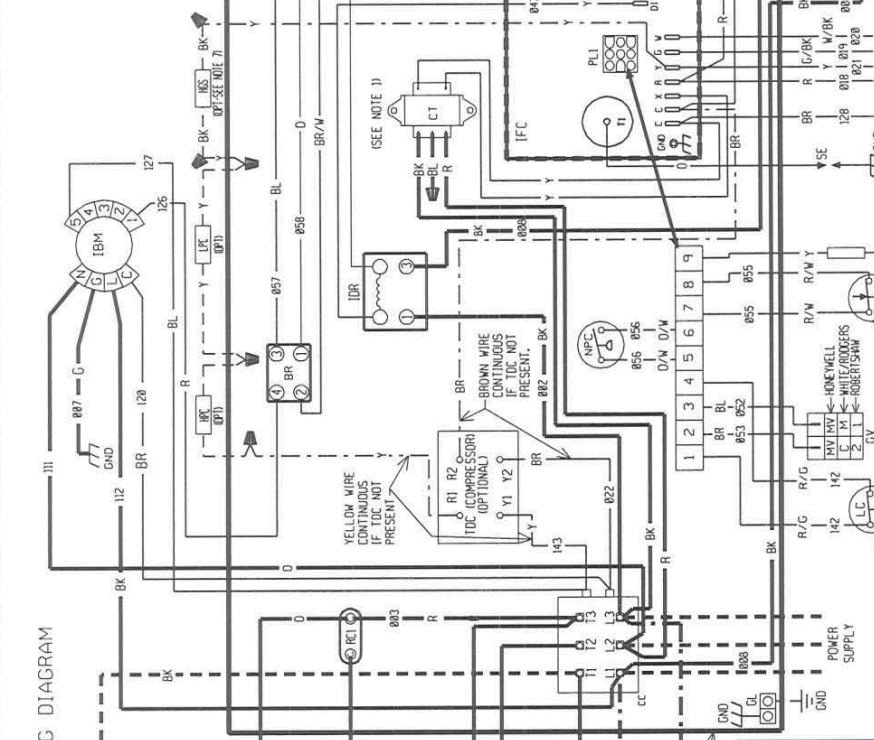
ELECTRICAL WIRING DIAGRAM

3.0 - 5.0 TON SINGLE STAGE GAS/ELECTRIC  
W/ INTEGRATED FURNACE CONTROL  
W/ CONSTANT TORQUE BLOWER MOTOR  
460V, 3-PHASE

APPROVED: [Signature] CHECKED: [Signature] ORIGINAL RELEASE NO.:  
MODELED: ZJW DATE: 05-09-14 R-10595015  
BY: PART NO.: 90-23626-28 REV: 00

**Factory Blower Speeds**

Constant Torque / 1-Stage Comp	Speed Tap	Heat Input	Cooling Input (tons)	Heat
	1	80K	3	1
	2	80K	3	2
	3	100K	3	3
	4	100K	3.5	3
	5	80K	4	3
	6	100K	5	3
	7	80K	4	3
	8	100K	5	3
	9	80K	4	3
	10	100K	5	3



**COMPONENT CODES**

LAC LOW AMBIENT COOLING CONTROL  
LC LIMIT CONTROL  
LPC LOW PRESSURE CONTROL  
MRLC M.N. RESET LIMIT CONTROL  
NPC NEG. PRESSURE CONTROL  
OFM OUTDOOR FAN MOTOR  
OPT OPTIONAL  
PLC PLUG  
RC RUN CAPACITOR  
RES RESISTOR  
SEC SPARK ELECTRODE  
TDC TIME DELAY CONTROL  
WIR WIRE NUT

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

**NOTES**

1. CONTROL TRANSFORMER PRIMARY LEADS: BLUE - COMMON BK/RD - 460V 60 HZ. / 380V 50 HZ.  
RED - 575V, 60 HZ. / 415V 50 HZ.  
2. MOTORS & COMPRESSOR THERMALLY PROTECTED.  
3. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.  
4. CONNECT FIELD WIRING IN GROUNDED RAINIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.  
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.  
6. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.  
7. COMPRESSOR PROTECTED UNDER NATIONAL WIRING REGULATIONS AND LOCAL CODES AS APPLICABLE.

**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  
OR INSULATION AS ORIGINAL (100C. MIN.)

WARNING  
-CABINET MUST BE PERMANENTLY GROUNDED  
-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

**DIAGNOSTICS**

1 FLASH - FAILED TO DETECT OR SUSTAIN FLAME  
2 FLASH - PRESSURE SWITCH OR INDOOR PROBLEM DETECTED.  
3 FLASH - HIGH LIMIT SWITCH PROTECTION DEVICE OPEN.  
4 FLASH - FLAME SENSED AND GAS VALVE NOT ENERGIZED OR FLAME SENSED 5 SECONDS AFTER FLAME SENSED.  
5 FLASH - FLAME ROLL OUT SWITCH OPEN.

LOCATED IN BURNER COMPARTMENT  
LOCATED IN INDOOR BLOWER COMPARTMENT

SEE NOTES 2 & 7

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

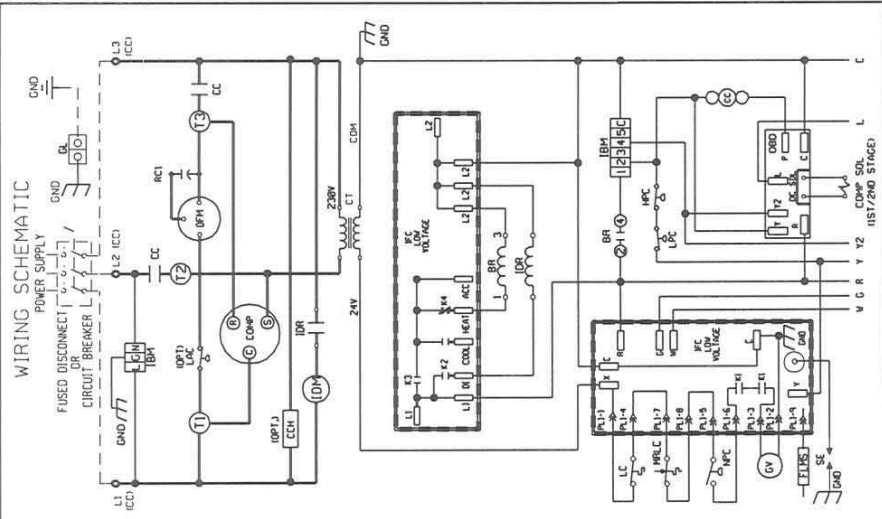
**MATERIAL: PRESSURE SENSITIVE, ADHESIVE BACKED LABEL.**

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**Factory Blower Speeds**

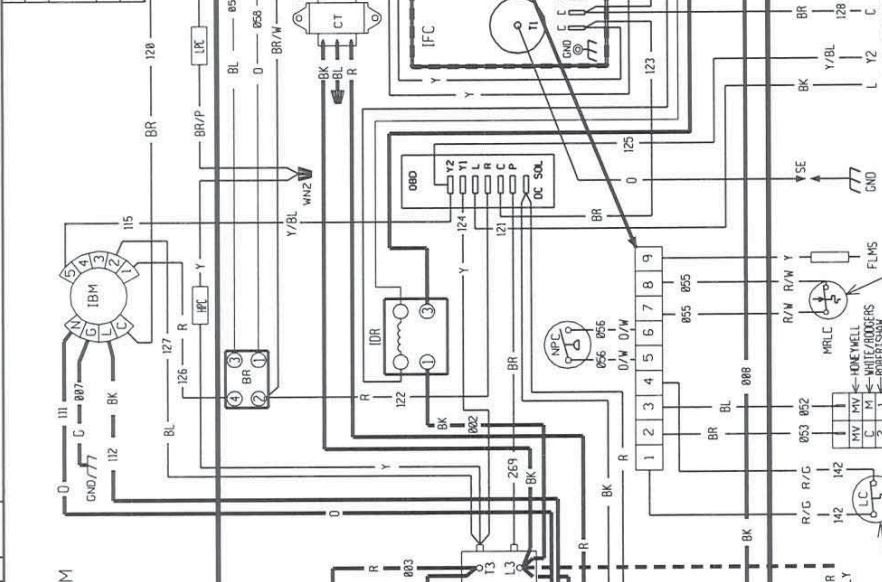
Constant Torque / 2-Stage Comp	Speed Tap
Cooling	Heat
Heat Input	Cool
100K	2
100K	5
100K	1
100K	1

**WIRING SCHEMATIC**



POWER SUPPLY  
FUSED DISCONNECT  
CIRCUIT BREAKER

WIRING DIAGRAM



BLACK WIRE IN INDICATED LOCATIONS IS NOT PRESENT.

ROUTINE COMPRESSOR WIRES THROUGH COMP. OR ALTY (0880)

CONTROL BOX

**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**

5.0 TON GAS/ELECTRIC  
W/ INTEGRATED FURNACE CONTROL  
W/ CONSTANT TORQUE BLOWER MOTOR  
W/ 2-STAGE COMPRESSOR  
460V, 3-PHASE

**COMPONENT CODES**

BR	BLOWER RELAY	LAC	LOW AMBIENT COOLING CONTROL
CC	COMPRESSOR CONTACTOR	LC	LIMIT CONTROL
CH	CRANKCASE HEATER	LPC	LOW PRESSURE CONTROL
CDMP	COMPRESSOR MOTOR	MRLC	MAN. RESET LIMIT CONTROL
CT	CONTROL TRANSFORMER	NPC	NEG. PRESSURE CONTROL
FLMS	FLAME SENSOR	OBD	ON BOARD DIAGNOSTICS
GL	GROUND LUG	OFM	OUTDOOR FAN MOTOR
GND	GROUND	OPT	OPTIONAL
GV	GAS VALVE	PL	PLUG
HPC	HIGH PRESSURE CONTROL	RC	RUN CAPACITOR
IBM	INDOOR BLOWER MOTOR	SC	START CAPACITOR
IDM	INDUCED DRAFT MOTOR	SR	SPARK ELECTRODE
IDR	INDUCED DRAFT RELAY	SR	START RELAY
IPC	INTEGRATED FURNACE CONTROL		WIRES NUT

- NOTES**
- CONTROL TRANSFORMER PRIMARY LEADS: BLUE - COMMON BK/RD - 460V 60 HZ. / 380V 50 HZ. 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 RAIN/TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
  - LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH 4 CLASS 2 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  
-FIELD INSTALLED  
-FIELD INSTALLED
- WARNING: MUST BE PERMANENTLY GROUNDED CABINET FURNACE TO LOCAL N.E.C. NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.

**APPROVED:** [Signature]

**DATE:** 05-08-14

**MODEL#:** ZJW

**BY:** [Signature]

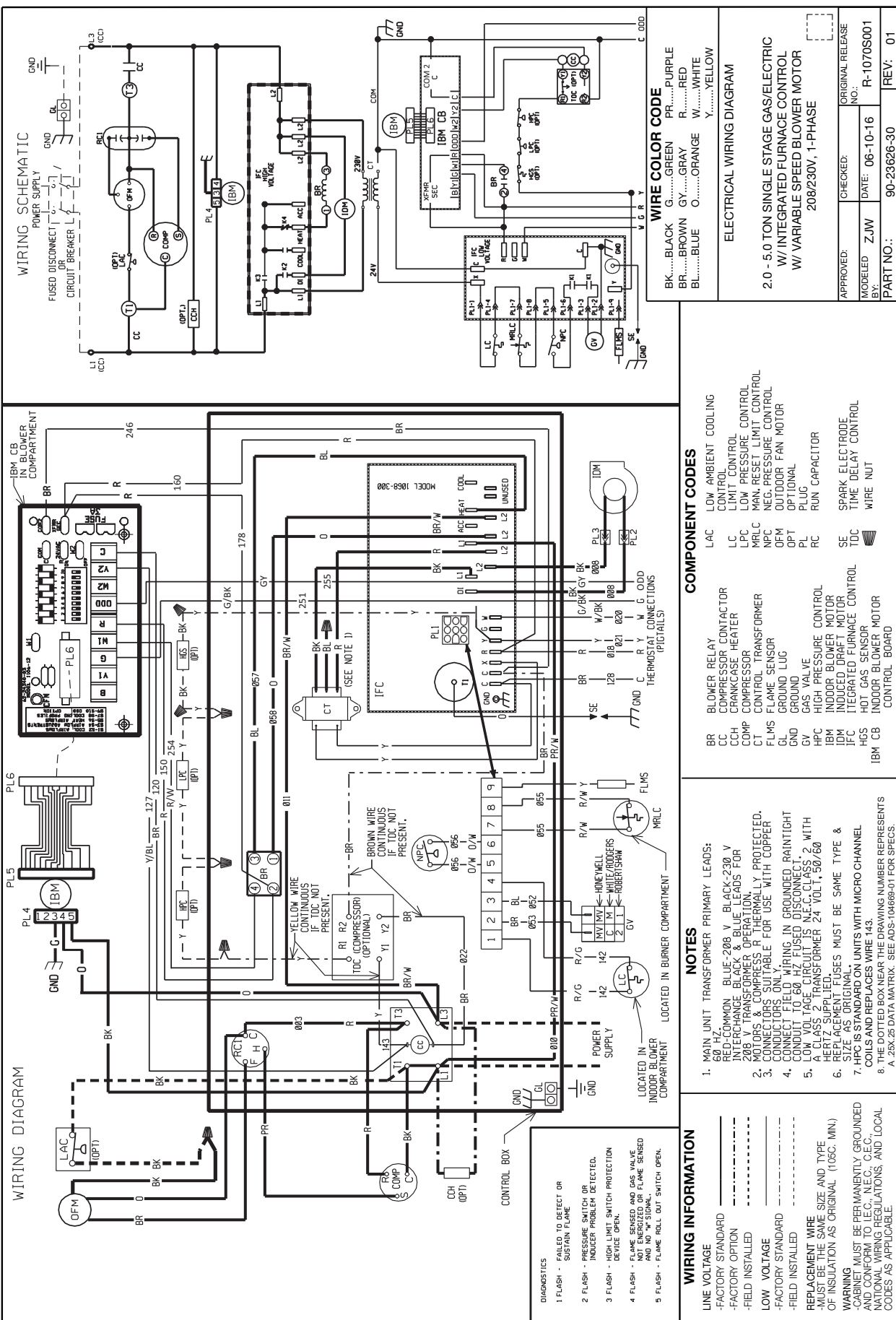
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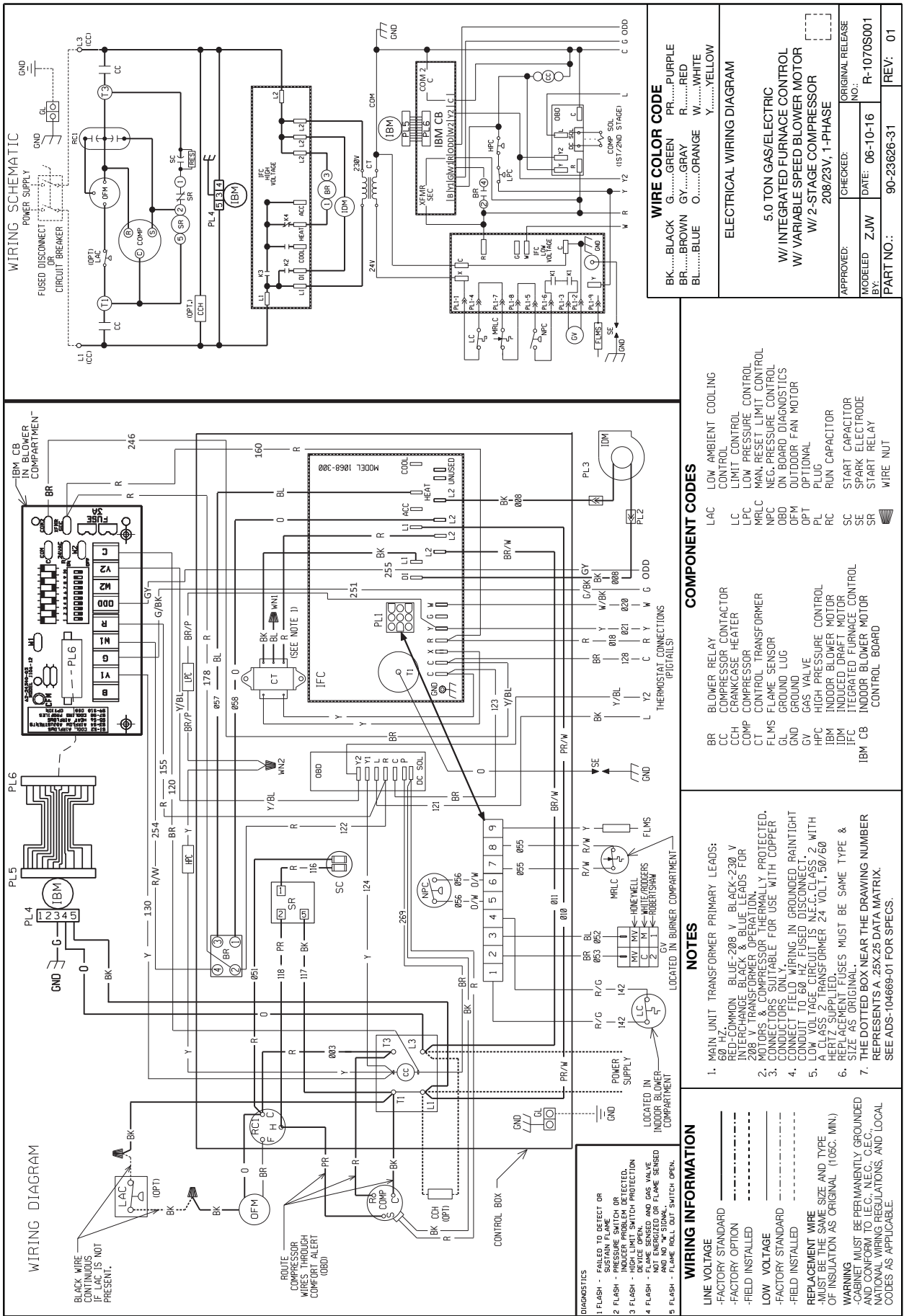
**ORIGINAL RELEASE NO.:** R-1062S001

**PART NO.:** 90-23626-29

**REV.:** 00







WIRING SCHEMATIC

POWER SUPPLY  
FUSED DISCONNECT  
OR  
CIRCUIT BREAKER

WIRING DIAGRAM

BLACK WIRE CONTINUOUS IF LAC IS NOT PRESENT.

ROUTE COMPRESSOR WIRES THROUGH COMFORT ALERT (OBD).

CONTROL BOX

DIAGNOSTICS

- 1 FLASH - FAILED TO DETECT OR SUSTAIN FLAME
- 2 FLASH - PRESSURE SWITCH OR FLOW SWITCH OPEN
- 3 FLASH - HIGH LIMIT SWITCH PROTECTION DEVICE OPEN
- 4 FLASH - LOW LIMIT SWITCH PROTECTION DEVICE OPEN
- 5 FLASH - FLAME ROLL OUT SWITCH OPEN

**WIRING INFORMATION**

- LINE VOLTAGE
- FACTORY STANDARD
- FACTORY OPTION
- FIELD INSTALLED
- LOW VOLTAGE
- FACTORY STANDARD
- FIELD INSTALLED

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

**WARNING**  
-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C., AND ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL CODES AS APPLICABLE.

**NOTES**

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ. RED-COMMON BLUE-208 V. BLACK-230 V. INTERCHANGE BLACK & BLUE LEADS FOR 208 GAS TRANSFORMERS OF FRAMON.
2. 208 GAS TRANSFORMERS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
3. CONNECT FLD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
4. CLASS 2 TRANSFORMER 24 VOLT, 50/60 HZ. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.
5. THE DOTTED BOX NEAR THE DRAWING NUMBER REPRESENTS A 25X25 DATA MATRIX. SEE ADS-104669-01 FOR SPECS.

**COMPONENT CODES**

- BR BLOWER RELAY
- CC COMPRESSOR CONTACTOR
- CCH CRANKCASE HEATER
- COMP COMPRESSOR
- CT CONTROL TRANSFORMER
- FLMS FLAME SENSOR
- GL GROUND LUG
- GV GAS VALVE
- HPC HIGH PRESSURE CONTROL
- IDM INDOOR BLOWER MOTOR
- INDU INDUCED DRAFT MOTOR
- IFC INTEGRATED FURNACE CONTROL
- IBM IBM CB CONTROL BOARD

**WIRE COLOR CODE**

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

**ELECTRICAL WIRING DIAGRAM**

5.0 TON GAS/ELECTRIC  
W/ INTEGRATED FURNACE CONTROL  
W/ VARIABLE SPEED BLOWER MOTOR  
W/ 2-STAGE COMPRESSOR  
208/23V, 1-PHASE

APPROVED: \_\_\_\_\_  
MODELED BY: ZJW  
CHECKED: \_\_\_\_\_  
DATE: 06-10-16  
ORIGINAL RELEASE NO.: R-10705001  
PART NO.: 90-23628-31  
REV: 01

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

**GENERAL TERMS OF LIMITED WARRANTY\***

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

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

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

**\*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.**



Air

Notes

**RGEA13/14/15 Series**







The new degree of comfort.™

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

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INTEGRATED HOME COMFORT

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