



Package Gas Electric  
RGEA14/15 Series

## Ruud Achiever® Series Package Gas Electric Unit

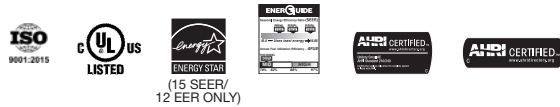


### **RGEA14- 14 SEER Series**

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

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

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



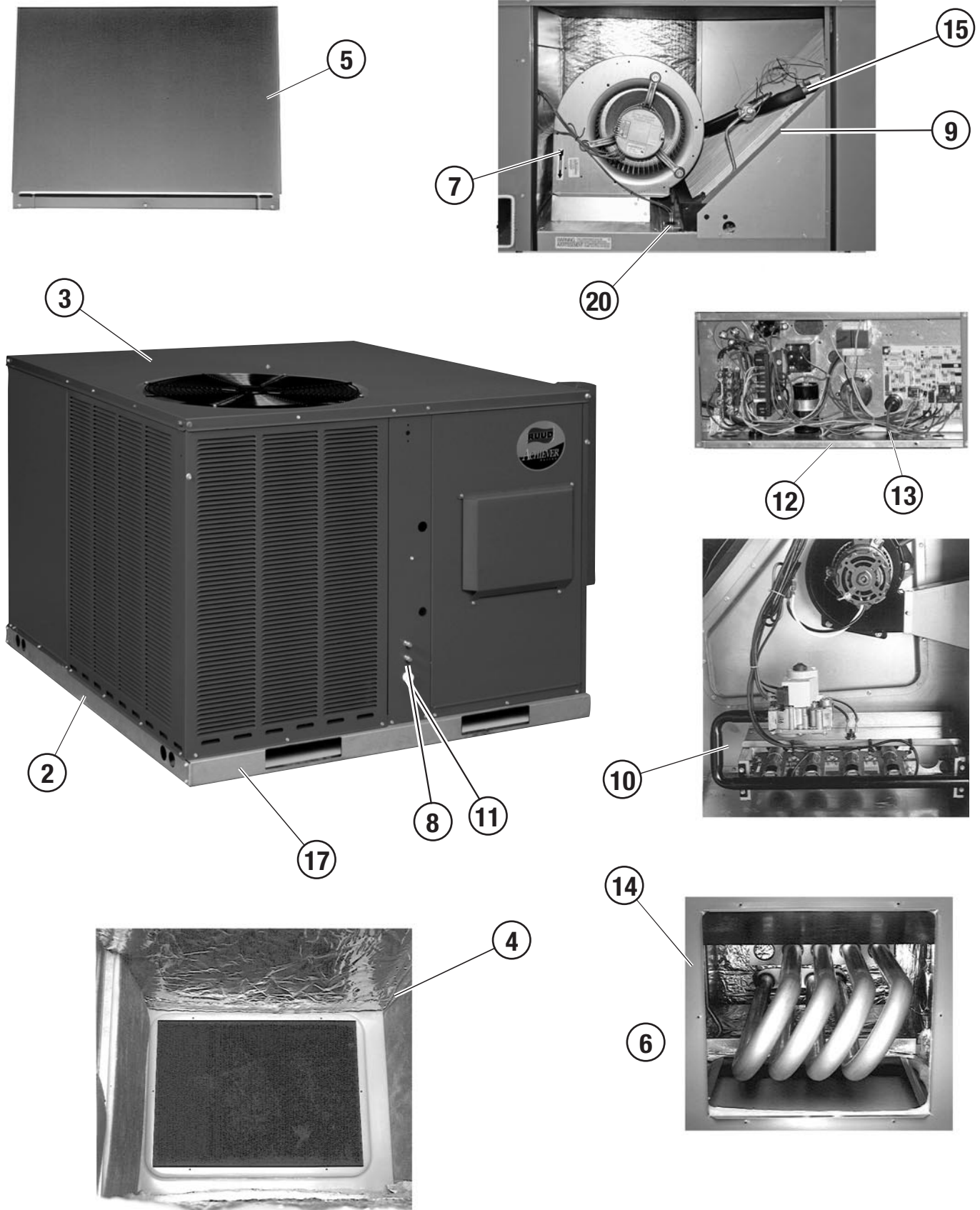
RELY ON RUUD.™

FORM NO. R22-870 REV. 8

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## Package Gas Electric Unit Features:





## RGEA14/15 Features Below Correspond to Photos on Page 3

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

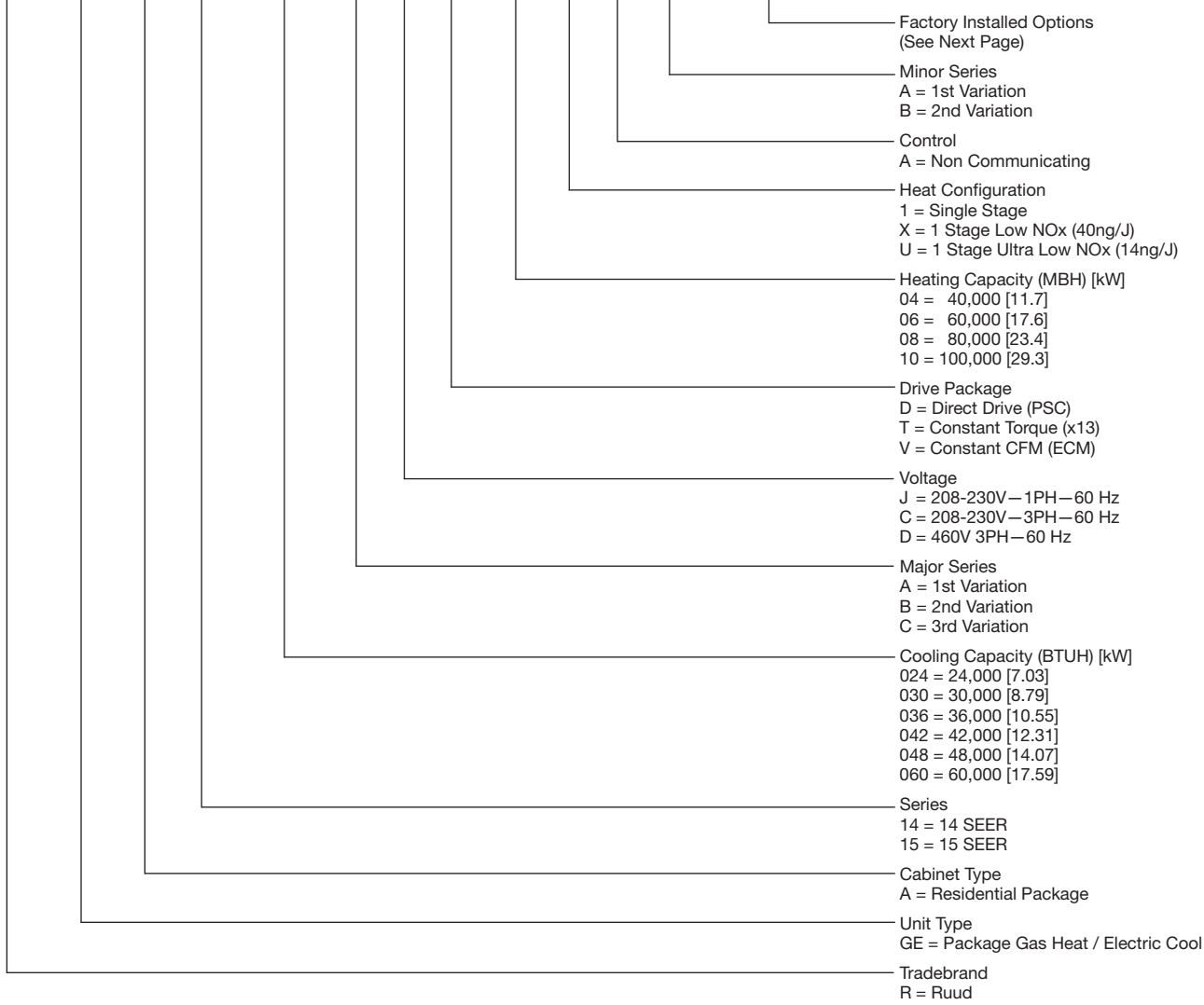
### Comfort Alert™ Diagnostics – Faster Service And Improved Accuracy (2-Stage Models Only)

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

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

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

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



[ ] Designates Metric Conversions

## Available SKUs

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

**Bold indicates two stage product**

Available Low NOx Models (40 ng/J)					
RGEA14			RGEA15		
RGEA14024AJT06XAB	RGEA14036BDT10XAA	RGEA14048BCT08XAA	RGEA15024BJV06XAA	RGEA15036BDT10XAA	RGEA15048ACT08XAA
RGEA14024AJT08XAB	RGEA14036AJT06XAB	RGEA14048BCT10XAA	RGEA15024BJV08XAA	RGEA15036BJV06XAA	RGEA15048ACT10XAA
RGEA14030AJT06XAB	RGEA14036AJT08XAB	RGEA14048BDT10XAA	RGEA15030AJV06XAB	RGEA15036BJV08XAA	RGEA15048ADT10XAA
RGEA14030AJT08XAB	RGEA14036AJT10XAB	RGEA14048AJT08XAB	RGEA15030AJV08XAB	RGEA15036BJV10XAA	RGEA15048AJV08XAB
RGEA14036BCT06XAA	RGEA14042ACT08XAA	RGEA14048AJT10XAB	RGEA15036BCT06XAA	RGEA15042BCT08XAA	RGEA15048AJV10XAB
RGEA14036BCT08XAA	RGEA14042ACT10XAA	<b>RGEA14060CCT10XAA</b>	RGEA15036BCT08XAA	RGEA15042BCT10XAA	<b>RGEA15060ACT10XAA</b>
RGEA14036BCT10XAA	RGEA14042AJT08XAB	<b>RGEA14060CDT10XAA</b>	RGEA15036BCT10XAA	RGEA15042BJV08XAA	<b>RGEA15060AJV10XAB</b>
RGEA14036BDT06XAA	RGEA14042AJT10XAB	<b>RGEA14060CJT10XAB</b>	RGEA15036BDT06XAA	RGEA15042BJV10XAA	
RGEA14036BDT08XAA			RGEA15036BDT08XAA		

**Bold indicates two stage product**

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

**Bold indicates two stage product**

## Instructions for Factory Installed Option(s) Selection

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

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

### FACTORY INSTALLED OPTION CODES

Option Code	Stainless Steel Heat Exchanger
AJA	x

"x" indicates factory installed option.

Example: No Option

RGEA14036AJD081AA

Example: Option with Stainless Steel Heat Exchanger

RGEA14036AJD081AAAJA

Notes: ULN models standard with Stainless Steel Heat Exchanger

Factory installed economizer is not available.



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

Model RGEA14 Series	024AJT06*AB	024AJT08*AB	030AJT06*AB	030AJT08*AB
Ultra Low NOx Series	024AJT06UAA		030AJT06UAA	
	024AJT04UAA		030AJT04UAA	
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	24,200 [7.09]	24,200 [7.09]	29,200 [8.56]	29,200 [8.56]
EER/SEER <sup>2</sup>	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	800/900 [378/425]	800/900 [378/425]	1000/1000 [472/472]	1000/1000 [472/472]
AHRI Net Cooling Capacity Btu [kW]	23,600 [6.91]	23,600 [6.91]	28,000 [8.2]	28,000 [8.2]
Net Sensible Capacity Btu [kW]	17,700 [5.19]	17,700 [5.19]	21,000 [6.15]	21,000 [6.15]
Net Latent Capacity Btu [kW]	5,900 [1.73]	5,900 [1.73]	7,000 [2.05]	7,000 [2.05]
Net System Power kW	2.03	2.03	2.37	2.37
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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]	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	1/3	1/3	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)1x20x20 [25x508x508]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
<b>Refrigerant Charge Oz. [g]</b>	42.6 [1208]	42.6 [1208]	46.8 [1327]	46.8 [1327]
<b>Weights</b>				
Net Weight lbs. [kg]	403 [183]	408 [185]	403 [183]	408 [185]
Ship Weight lbs. [kg]	413 [187]	418 [190]	413 [187]	418 [190]

See Page 25 for Notes.

[ ] Designates Metric Conversions



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

Model RGEA14 Series	036AJT06*AB	036AJT06UAA	036AJT08*AB	036AJT08UAA
<b>Ultra Low NOx Series</b>				
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]
EER/SEER <sup>2</sup>	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	33,600 [9.84]	33,600 [9.84]	33,600 [9.84]	33,600 [9.84]
Net Sensible Capacity Btu [kW]	25,200 [7.38]	25,200 [7.38]	25,200 [7.38]	25,200 [7.38]
Net Latent Capacity Btu [kW]	8,400 [2.46]	8,400 [2.46]	8,400 [2.46]	8,400 [2.46]
Net System Power kW	2.93	2.93	2.93	2.93
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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	1	1	1
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]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA14 Series	036AJT10*AB	036BCT06*AA	036BCT08*AA	036BCT10*AA
Ultra Low NOx Series		036ACT06UAA	036ACT08UAA	
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]
EER/SEER <sup>2</sup>	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	33,600 [9.84]	33,600 [9.84]	33,600 [9.84]	33,600 [9.84]
Net Sensible Capacity Btu [kW]	25,200 [7.38]	25,200 [7.38]	25,200 [7.38]	25,200 [7.38]
Net Latent Capacity Btu [kW]	8,400 [2.46]	8,400 [2.46]	8,400 [2.46]	8,400 [2.46]
Net System Power kW	2.93	2.93	2.93	2.93
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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	1/2	1/2	1/2
Motor RPM	1050	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]	421 [191]	411 [186]	416 [189]	421 [191]
Ship Weight lbs. [kg]	431 [196]	421 [191]	426 [193]	431 [196]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA14 Series	036BDT06*AA	036BDT08*AA	036BDT10*AA	042ACT08*AA
Ultra Low NOx Series	036ADT06UAA	036ADT08UAA		042ACT08UAA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]	40,000 [11.72]
EER/SEER <sup>2</sup>	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1400/1300 [661/613]
AHRI Net Cooling Capacity Btu [kW]	33,600 [9.84]	33,600 [9.84]	33,600 [9.84]	39,000 [11.43]
Net Sensible Capacity Btu [kW]	25,200 [7.38]	25,200 [7.38]	25,200 [7.38]	29,250 [8.57]
Net Latent Capacity Btu [kW]	8,400 [2.46]	8,400 [2.46]	8,400 [2.46]	9,750 [2.86]
Net System Power kW	2.93	2.93	2.93	3.27
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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]	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]	2700 [1274]	3500 [1652]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
<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	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]	52.7 [1494]	53.6 [1520]
<b>Weights</b>				
Net Weight lbs. [kg]	411 [186]	416 [189]	421 [191]	441 [200]
Ship Weight lbs. [kg]	421 [191]	426 [193]	431 [196]	451 [205]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA14 Series	042ACT10*AA	042AJT08*AB	042AJT10*AB	048AJT08*AB
Ultra Low NOx Series		042AJT08UAA		048AJT08UAA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]	46,000 [13.48]
EER/SEER <sup>2</sup>	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1400/1300 [661/613]	1400/1300 [661/613]	1400/1300 [661/613]	1600/1550 [755/731]
AHRI Net Cooling Capacity Btu [kW]	39,000 [11.43]	39,000 [11.43]	39,000 [11.43]	44,500 [13.04]
Net Sensible Capacity Btu [kW]	29,250 [8.57]	29,250 [8.57]	29,250 [8.57]	31,150 [9.13]
Net Latent Capacity Btu [kW]	9,750 [2.86]	9,750 [2.86]	9,750 [2.86]	13,350 [3.91]
Net System Power kW	3.27	3.27	3.27	3.89
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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]	0.7 [17.8]
Face Area sq. ft. [sq. m]	14.1 [1.31]	14.1 [1.31]	14.1 [1.31]	16.3 [1.51]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
<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]	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]	85.3 [2418]
<b>Weights</b>				
Net Weight lbs. [kg]	446 [202]	441 [200]	446 [202]	492 [223]
Ship Weight lbs. [kg]	456 [207]	451 [205]	456 [207]	502 [228]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA14 Series	048AJT10*AB	048BCT08*AA	048BCT10*AA	048BDT10*AA
Ultra Low NOx Series	048AJT10UAA	048ACT08UAA	048ACT10UAA	048ADT10UAA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]	46,000 [13.48]
EER/SEER <sup>2</sup>	11/14	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1550 [755/731]	1600/1550 [755/731]	1600/1550 [755/731]	1600/1550 [755/731]
AHRI Net Cooling Capacity Btu [kW]	44,500 [13.04]	44,500 [13.04]	44,500 [13.04]	44,500 [13.04]
Net Sensible Capacity Btu [kW]	31,150 [9.13]	31,150 [9.13]	31,150 [9.13]	31,150 [9.13]
Net Latent Capacity Btu [kW]	13,350 [3.91]	13,350 [3.91]	13,350 [3.91]	13,350 [3.91]
Net System Power kW	3.89	3.66	3.66	3.66
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</sup></b>				
	78	78	78	78
<b>Outdoor Coil - Fin Type</b>				
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.7 [17.8]	0.71 [18]	0.71 [18]	0.7 [17.8]
Face Area sq. ft. [sq. m]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]	16.3 [1.51]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
<b>Indoor Coil - Fin Type</b>				
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>				
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>				
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>				
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]	497 [225]	492 [223]	497 [225]	497 [225]
Ship Weight lbs. [kg]	507 [230]	502 [228]	507 [230]	507 [230]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA14 Series	060CCT10*AA	060CDT10*AA	060CJT10*AA
Ultra Low NOx Series	060ACT10UAA	060ADT10UAA	060AJT10UAA
<b>Cooling Performance<sup>1</sup></b>			
Gross Cooling Capacity Btu [kW]	58,000 [16.99]	58,000 [16.99]	58,000 [16.99]
EER/SEER <sup>2</sup>	11/14	11/14	11/14
Nominal CFM/AHRI Rated CFM [L/s]	2000/1700 [944/802]	2000/1700 [944/802]	2000/1700 [944/802]
AHRI Net Cooling Capacity Btu [kW]	56,000 [16.41]	56,000 [16.41]	56,000 [16.41]
Net Sensible Capacity Btu [kW]	38,700 [11.34]	38,700 [11.34]	38,700 [11.34]
Net Latent Capacity Btu [kW]	17,300 [5.07]	17,300 [5.07]	17,300 [5.07]
Net System Power kW	5.14	5.14	5.14
<b>Compressor</b>			
No./Type	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</sup></b>			
	79	79	78
<b>Outdoor Coil - Fin Type</b>			
	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	15.3 [1.42]	15.3 [1.42]	15.3 [1.42]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
<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]	3600 [1699]	3600 [1699]	3600 [1699]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075
<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	1075	1075	1075
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)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]
<b>Refrigerant Charge Oz. [g]</b>			
	78 [2211]	78 [2211]	78 [2211]
<b>Weights</b>			
Net Weight lbs. [kg]	515 [234]	515 [234]	515 [234]
Ship Weight lbs. [kg]	525 [238]	525 [238]	525 [238]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	024AJV06*AB	024AJV08*AB	024BJV06*AA	024BJV08*AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	24,600 [7.21]	24,600 [7.21]	24,400 [7.15]	24,400 [7.15]
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	1.93	1.93
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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]	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)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]
<b>Refrigerant Charge Oz. [g]</b>	42.6 [1208]	42.6 [1208]	47 [1332]	47 [1332]
<b>Weights</b>				
Net Weight lbs. [kg]	403 [183]	408 [185]	403 [183]	408 [185]
Ship Weight lbs. [kg]	413 [187]	418 [190]	413 [187]	418 [190]

See Page 25 for Notes.

[ ] Designates Metric Conversions



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

Model RGEA15 Series	030AJV06*AB	030AJV08*AB	036ACT06*AA	036ACT08*AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	29,200 [8.56]	29,200 [8.56]	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]	1000/975 [472/460]	1000/975 [472/460]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	28,600 [8.38]	28,600 [8.38]	35,000 [10.25]	35,000 [10.25]
Net Sensible Capacity Btu [kW]	21,450 [6.28]	21,450 [6.28]	25,400 [7.44]	25,400 [7.44]
Net Latent Capacity Btu [kW]	7,150 [2.09]	7,150 [2.09]	9,600 [2.81]	9,600 [2.81]
Net System Power kW	2.21	2.21	2.77	2.77
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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]	9.8 [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]	2500 [1180]	2500 [1180]	2700 [1274]	2700 [1274]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
<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	1/2	1/2	1/2	1/2
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>	46.8 [1327]	46.8 [1327]	52.7 [1494]	52.7 [1494]
<b>Weights</b>				
Net Weight lbs. [kg]	403 [183]	408 [185]	411 [186]	416 [189]
Ship Weight lbs. [kg]	413 [187]	418 [190]	421 [191]	426 [193]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	036ACT10*AA	036ADT06*AA	036ADT08*AA	036ADT10*AA
<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>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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]	421 [191]	411 [186]	416 [189]	421 [191]
Ship Weight lbs. [kg]	431 [196]	421 [191]	426 [193]	431 [196]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	036AJV06*AB	036AJV08*AB	036AJV10*AB	036BCT06*AA
<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]	1200/1115 [566/526]
AHRI Net Cooling Capacity Btu [kW]	35,000 [10.25]	35,000 [10.25]	35,000 [10.25]	35,200 [10.31]
Net Sensible Capacity Btu [kW]	25,400 [7.44]	25,400 [7.44]	25,400 [7.44]	23,960 [7.02]
Net Latent Capacity Btu [kW]	9,600 [2.81]	9,600 [2.81]	9,600 [2.81]	11,240 [3.29]
Net System Power kW	2.77	2.77	2.77	2.83
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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]	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]	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]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	3/4	3/4	1/2
Motor RPM	1050	1050	1050	1075
Motor Frame Size	48	48	48	48
<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]	63 [1786]
<b>Weights</b>				
Net Weight lbs. [kg]	411 [186]	416 [189]	421 [191]	448 [203]
Ship Weight lbs. [kg]	421 [191]	426 [193]	431 [196]	458 [208]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	036BCT08*AA	036BCT10*AA	036BDT06*AA	036BDT08*AA
<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]	1200/1115 [566/526]	1200/1115 [566/526]	1200/1115 [566/526]	1200/1115 [566/526]
AHRI Net Cooling Capacity Btu [kW]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]
Net Sensible Capacity Btu [kW]	23,960 [7.02]	23,960 [7.02]	23,960 [7.02]	23,960 [7.02]
Net Latent Capacity Btu [kW]	11,240 [3.29]	11,240 [3.29]	11,240 [3.29]	11,240 [3.29]
Net System Power kW	2.83	2.83	2.83	2.83
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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]	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]	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>	63 [1786]	63 [1786]	63 [1786]	63 [1786]
<b>Weights</b>				
Net Weight lbs. [kg]	453 [205]	458 [208]	448 [203]	453 [205]
Ship Weight lbs. [kg]	463 [210]	468 [212]	458 [208]	463 [210]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	036BDT10*AA	036BJV06*AA	036BJV08*AA	036BJV10*AA
<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]	1200/1115 [566/526]	1200/1115 [566/526]	1200/1115 [566/526]	1200/1115 [566/526]
AHRI Net Cooling Capacity Btu [kW]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]
Net Sensible Capacity Btu [kW]	23,960 [7.02]	23,960 [7.02]	23,960 [7.02]	23,960 [7.02]
Net Latent Capacity Btu [kW]	11,240 [3.29]	11,240 [3.29]	11,240 [3.29]	11,240 [3.29]
Net System Power kW	2.83	2.83	2.83	2.83
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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]	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]	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]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	3/4	3/4
Motor RPM	1075	1050	1050	1050
Motor Frame Size	48	48	48	48
<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>	63 [1786]	63 [1786]	63 [1786]	63 [1786]
<b>Weights</b>				
Net Weight lbs. [kg]	458 [208]	448 [203]	453 [205]	458 [208]
Ship Weight lbs. [kg]	468 [212]	458 [208]	463 [210]	468 [212]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	042ACT08*AA	042ACT10*AA	042AJV08*AB	042AJV10*AB
<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>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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]	1/12x9 [305x229]	1/12x9 [305x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1075	1075	1050	1050
Motor Frame Size	48	48	48	48
<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]	450 [204]	445 [202]	450 [204]
Ship Weight lbs. [kg]	455 [206]	460 [209]	455 [206]	460 [209]

See Page 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	042BCT08*AA	042BCT10*AA	042BJV08*AA	042BJV10*AA
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]
EER/SEER <sup>2</sup>	12/15	12/15	12/15	12/15
Nominal CFM/AHRI Rated CFM [L/s]	1400/1200 [661/566]	1400/1200 [661/566]	1400/1200 [661/566]	1400/1200 [661/566]
AHRI Net Cooling Capacity Btu [kW]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]
Net Sensible Capacity Btu [kW]	29,000 [8.5]	29,000 [8.5]	29,000 [8.5]	29,000 [8.5]
Net Latent Capacity Btu [kW]	11,500 [3.37]	11,500 [3.37]	11,500 [3.37]	11,500 [3.37]
Net System Power kW	3.28	3.28	3.28	3.28
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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]	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]	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]	1/12x9 [305x229]	1/12x9 [305x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1075	1075	1050	1050
Motor Frame Size	48	48	48	48
<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>	68 [1928]	68 [1928]	68 [1928]	68 [1928]
<b>Weights</b>				
Net Weight lbs. [kg]	482 [219]	487 [221]	482 [219]	487 [221]
Ship Weight lbs. [kg]	492 [223]	487 [221]	492 [223]	487 [221]

See Page 25 for Notes.

[ ] Designates Metric Conversions



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

Model RGEA15 Series	048ACT08*AA	048ACT10*AA	048ADT10*AA	048AJV08*AB
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	46,500 [13.62]	46,500 [13.62]	46,500 [13.62]	46,500 [13.62]
EER/SEER <sup>2</sup>	12/14.7	12/14.7	12/14.7	12/14.7
Nominal CFM/AHRI Rated CFM [L/s]	1600/1550 [755/731]	1600/1550 [755/731]	1600/1550 [755/731]	1600/1550 [755/731]
AHRI Net Cooling Capacity Btu [kW]	45,000 [13.18]	45,000 [13.18]	45,000 [13.18]	45,000 [13.18]
Net Sensible Capacity Btu [kW]	31,500 [9.23]	31,500 [9.23]	31,500 [9.23]	31,500 [9.23]
Net Latent Capacity Btu [kW]	13,500 [3.96]	13,500 [3.96]	13,500 [3.96]	13,500 [3.96]
Net System Power kW	3.66	3.66	3.66	3.66
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</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	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 25 for Notes.

[ ] Designates Metric Conversions

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

Model RGEA15 Series	048AJV10*AB	060ACT10*AA	060ADT10*AA	060AJV10*AB
<b>Cooling Performance<sup>1</sup></b>				
Gross Cooling Capacity Btu [kW]	46,300 [13.57]	57,900 [16.97]	57,900 [16.97]	57,900 [16.97]
EER/SEER <sup>2</sup>	12/14.7	11/14.5	11/14.5	11/14.5
Nominal CFM/AHRI Rated CFM [L/s]	1600/1550 [755/731]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	45,000 [13.19]	55,500 [16.27]	55,500 [16.27]	55,500 [16.27]
Net Sensible Capacity Btu [kW]	31,500 [9.23]	38,850 [11.39]	38,850 [11.39]	38,850 [11.39]
Net Latent Capacity Btu [kW]	13,500 [3.96]	16,650 [4.88]	16,650 [4.88]	16,650 [4.88]
Net System Power kW	3.66	5.02	5.02	5.02
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</sup></b>				
	78	78	78	78
<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]	0.7 [17.8]	1 [25.4]	1 [25.4]	1 [25.4]
Rows / FPI [FPcm]	16.3 [1.51]	15.3 [1.42]	15.3 [1.42]	15.3 [1.42]
	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
<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]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Rows / FPI [FPcm]	4.1 [0.38]	4 [0.37]	4 [0.37]	4 [0.37]
Refrigerant Control	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Drain Connection No./Size in. [mm]	TX Valves	TX Valves	TX Valves	TX Valves
	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	3300 [1557]	3300 [1557]	3300 [1557]	3300 [1557]
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	1	1	1	1
Motor Frame Size	1050	1075	1075	1050
	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)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]	(1)1x24x30 [25x610x762]
<b>Refrigerant Charge Oz. [g]</b>				
	85.3 [2418]	89.6 [2540]	89.6 [2540]	89.6 [2540]
<b>Weights</b>				
Net Weight lbs. [kg]	497 [225]	515 [234]	515 [234]	515 [234]
Ship Weight lbs. [kg]	507 [230]	525 [238]	525 [238]	525 [238]

See Page 25 for Notes.

[ ] Designates Metric Conversions

## NOTES:

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

## GROSS SYSTEMS PERFORMANCE DATA—RGEA14024A

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

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

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

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

[ ] Designates Metric Conversions

## GROSS SYSTEMS PERFORMANCE DATA—RGEA14030A

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

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

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

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

[ ] Designates Metric Conversions

## GROSS SYSTEMS PERFORMANCE DATA—RGEA14036A

wbE		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
		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 – RGEA14042A

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

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

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

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

[ ] Designates Metric Conversions



## GROSS SYSTEMS PERFORMANCE DATA—RGEA14048A

wbE		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
		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	

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—RGEA14060C

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

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

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

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

[ ] Designates Metric Conversions

## GROSS SYSTEMS PERFORMANCE DATA— RGEA15024B

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

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

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

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

[ ] Designates Metric Conversions

## GROSS SYSTEMS PERFORMANCE DATA—RGEA15030A

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

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

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

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

[ ] Designates Metric Conversions

## GROSS SYSTEMS PERFORMANCE DATA—RGEA15036B

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

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

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

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

[ ] Designates Metric Conversions

## GROSS SYSTEMS PERFORMANCE DATA—RGEA15042B

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

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

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

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

[ ] Designates Metric Conversions

## GROSS SYSTEMS PERFORMANCE DATA—RGEA15048A

wbE		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
		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	

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 – RGEA15060A

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

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

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

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

[ ] Designates Metric Conversions



## RGEA14/15 STANDARD/LOW NO<sub>x</sub> MODELS

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

## RGEA14 ULN MODELS

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

[ ] Designates Metric Conversions

# INDOOR AIRFLOW PERFORMANCE RGEA14/15 – 208 /230 VOLTS – STANDARD/LOW NOX MODELS CONSTANT TORQUE MOTOR

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 [0.2]	0.2 [0.05]	0.3 [0.07]	0.4 [1.10]	0.5 [1.12]	0.6 [1.15]	0.7 [1.17]	0.8 [2.0]	0.9 [2.2]	1.0 [2.5]									
							CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	
2.0 [7.03]	Tap 5		60,000 [17.58]	700 CFM / 950 CFM	10X9 Blower 1/3 HP [249] 5 Speed (Constant Torque)	Tap 1	805 [380]	749 [353]	702 [331]	634 [299]	580 [274]	542 [256]	480 [227]	438 [207]											
						Tap 2	674	721	783	832	886	916	962	1004											
						Tap 3	97	104	113	117	126	128	131	142											
	Tap 4			80,000 [23.45]	700 CFM / 950 CFM	10X9 Blower 1/3 HP [249] 5 Speed (Constant Torque)	Tap 4	917 [433]	865 [408]	826 [390]	771 [364]	730 [345]	677 [320]	628 [296]	596 [281]										
							Tap 2	772	810	860	905	945	985	1013	1052										
							Tap 3	142	149	159	164	175	177	180	189										
							Tap 1	1196 [564]	1154 [545]	1111 [524]	1078 [509]	1039 [490]	967 [456]	876 [413]	791 [373]										
							Tap 2	927	970	1009	1041	1079	1107	1124	1134										
							Tap 3	288	300	309	314	324	318	300	276										
							Tap 4	931 [439]	880 [415]	854 [403]	795 [375]	743 [351]	694 [328]	655 [309]	608 [287]										
2.5 [8.79]	Tap 5		80,000 [23.45]	850 CFM / 1150 CFM	10X9 Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 1	917 [433]	865 [408]	826 [390]	771 [364]	730 [345]	677 [320]	628 [296]	596 [281]											
						Tap 2	772	810	860	905	945	985	1013	1052											
						Tap 3	142	149	159	164	175	177	180	189											
	Tap 4			60,000 [17.58]	850 CFM / 1150 CFM	10X9 Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 4	917 [433]	865 [408]	826 [390]	771 [364]	730 [345]	677 [320]	628 [296]	596 [281]										
							Tap 2	772	810	860	905	945	985	1013	1052										
							Tap 3	142	149	159	164	175	177	180	189										
							Tap 1	1227 [579]	1180 [557]	1160 [547]	1123 [530]	1090 [514]	1054 [497]	1008 [476]	882 [416]										
							Tap 2	930	976	1006	1029	1065	1089	1124	1154										
							Tap 3	264	276	288	291	300	305	311	292										
							Tap 4	1013 [478]	980 [463]	939 [443]	893 [421]	864 [408]	792 [374]	752 [355]	687 [324]										
Tap 5			80,000 [23.45]	850 CFM / 1150 CFM	10X9 Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 5	1227 [579]	1180 [557]	1160 [547]	1123 [530]	1090 [514]	1054 [497]	1008 [476]	882 [416]											
						Tap 2	930	976	1006	1029	1065	1089	1124	1154											
						Tap 4	264	276	288	291	300	305	311	292											

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

[ ] Designates Metric Conversions

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

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [0.2]	0.2 [0.06]	0.3 [0.07]	0.4 [1.10]	0.5 [1.12]	0.6 [1.15]	0.7 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]	
3.0 [10.55]	Tap 1	CFM	907 [428]	850 [401]	801 [378]	723 [341]	648 [306]	576 [272]	520 [245]	432 [204]							
		RPM	632	690	730	778	829	856	894	922							
		Watts	120	130	142	145	159	161	169	173							
	Tap 2	CFM	1362 [643]	1322 [624]	1281 [605]	1247 [589]	1213 [572]	1158 [547]	1097 [518]	1058 [499]	996 [470]	856 [404]					
		RPM	833	866	895	926	962	999	1034	1062	1098	1128					
		Watts	320	332	336	346	362	374	380	386	403	385					
	Tap 3	CFM	1434 [677]	1419 [670]	1387 [655]	1340 [632]	1310 [618]	1258 [594]	1198 [565]	1160 [547]	1085 [512]	930 [439]					
		RPM	866	882	920	944	981	1008	1051	1078	1106	1131					
		Watts	372	377	390	399	413	421	426	443	445	412					
	Tap 4	CFM	1169 [552]	1115 [526]	1086 [513]	1047 [494]	983 [464]	931 [439]	855 [404]	784 [370]							
		RPM	749	803	819	856	901	938	985	1029							
		Watts	217	231	233	246	259	266	277	289							
	Tap 5	CFM	1434 [677]	1419 [670]	1387 [655]	1340 [632]	1310 [618]	1258 [594]	1198 [565]	1160 [547]	1085 [512]	930 [439]					
		RPM	866	882	920	944	981	1008	1051	1078	1106	1131					
		Watts	372	377	390	399	413	421	426	443	445	412					

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

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

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

[ ] Designates Metric Conversions

# INDOOR AIRFLOW PERFORMANCE RGEA14 – 208 /230 VOLTS – STANDARD/LOW NOX MODELS CONSTANT TORQUE MOTOR

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)																
						0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [1.10]	0.5 [1.12]	0.6 [1.15]	0.7 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]							
						CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM
3.5 [12.31]	Tap 5	100,000 [29.31]	1200 CFM/ 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1	1336 [631]	827	298	874	1295 [611]	874	313	325	1200 [566]	949	341	983	1013	1048	1092	1127	
					Tap 2	1336 [631]	827	298	874	1295 [611]	874	313	325	1200 [566]	949	341	983	1013	1048	1092	1127	1127
					Tap 3	1453 [686]	836	334	904	1347 [636]	942	377	380	1279 [604]	992	394	409	1214 [573]	1157 [546]	1091	1114	1114
					Tap 4	1336 [631]	827	298	874	1295 [611]	874	313	325	1200 [566]	949	341	983	1013	1048	1092	1127	1127
					Tap 5	1591 [751]	949	334	999	1519 [717]	1027	377	380	1458 [688]	1086	409	418	1363 [643]	1277 [603]	1140	1158	1158
4.0 [14.07]	Tap 5	100,000 [29.31]	1350 CFM/ 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1	1340 [632]	776	261	831	1263 [596]	831	279	291	1186 [560]	898	303	925	966	1011	1044	1076	
					Tap 2	1340 [632]	776	261	831	1263 [596]	831	279	291	1186 [560]	898	303	925	966	1011	1044	1076	
					Tap 3	1467 [692]	826	328	884	1404 [663]	884	348	363	1306 [616]	969	387	398	1210 [571]	1164 [549]	1067	1108	
					Tap 4	1634 [771]	894	432	950	1547 [730]	981	468	479	1462 [690]	1030	508	510	1378 [650]	1352 [638]	1106	1126	
					Tap 5	1941 [916]	1028	508	1068	1878 [886]	1091	541	550	1773 [837]	1104	588	590	1570 [741]	1488 [702]	1142	1147	

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 CONSTANT TORQUE MOTOR

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa]										
						(Side Discharge-Dry Coil)										
						0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]	0.9 [0.22]	1.0 [0.25]	
3.5 [12.31]	Tap 5	100,000 [29.31]	1200 CFM/ 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 3 100K	CFM	1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]	1001 [472]	939 [443]
						RPM	827	856	874	913	949	983	1013	1048	1092	1127
						Watts	298	308	313	325	341	352	361	374	387	402
	Tap 2	80,000 [23.45]	1200 CFM/ 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 2 80K	CFM	1336 [631]	1312 [619]	1295 [611]	1241 [586]	1200 [566]	1161 [548]	1119 [528]	1072 [506]	1001 [472]	939 [443]
						RPM	827	856	874	913	949	983	1013	1048	1092	1127
						Watts	298	308	313	325	341	352	361	374	387	402
	Tap 1	100,000 [29.31]	1200 CFM/ 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 100K	CFM	1453 [686]	1424 [672]	1395 [658]	1347 [636]	1321 [623]	1279 [604]	1250 [590]	1214 [573]	1157 [546]	1119 [528]
						RPM	836	867	904	942	953	992	1019	1048	1091	1114
						Watts	334	349	364	377	380	394	409	418	433	442
	Tap 4	100,000 [29.31]	1200 CFM/ 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	CFM	1312 [619]	1272	1233	1188	1134	1071	1012	953	877	858
RPM						738	762	805	835	872	918	955	985	1013	1035	
Watts						229	240	249	257	270	284	297	309	314	323	
Tap 5	100,000 [29.31]	1200 CFM/ 1600 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 5 High Static Cool	CFM	1591 [751]	1563 [738]	1558 [735]	1519 [717]	1490 [703]	1458 [688]	1410 [665]	1363 [643]	1277 [603]	1122 [530]	
					RPM	949	981	999	1027	1051	1086	1109	1129	1140	1158	
					Watts	476	490	501	515	527	542	546	543	522	478	
4.0 [14.07]	Tap 5	100,000 [29.31]	1350 CFM/ 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 FAN	CFM	1340 [632]	1305 [616]	1263 [596]	1227 [579]	1186 [560]	1162 [548]	1104 [521]	1020 [481]	960 [453]	897 [423]
						RPM	776	796	831	869	898	925	966	1011	1044	1076
						Watts	261	268	279	291	303	310	323	339	351	361
	Tap 2	80,000 [23.45]	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	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 [683]	1404 [663]	1373 [648]	1339 [632]	1306 [616]	1250 [590]	1210 [571]	1164 [549]	1087 [513]
						RPM	826	855	884	910	939	969	1003	1030	1067	1108
						Watts	328	344	348	363	379	387	398	408	418	434
	Tap 4	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	
Tap 5	100,000 [29.31]	1350 CFM/ 1850 CFM	12x9T Blower 3/4 HP [559] 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	

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 CONSTANT TORQUE MOTOR (continued)

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

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

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

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

[ ] Designates Metric Conversions



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

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)														
						0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [1.10]	0.5 [1.12]	0.6 [1.15]	0.7 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]					
						CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts	CFM	RPM	Watts
3.0 [10.55]	Tap 1	60,000 [17.58]		12x9T Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 1 60K	912 [430]	871 [411]	808 [381]	734 [346]	655 [309]	571 [269]	520 [245]	447 [211]							
	Tap 2	80,000 [23.45]			Tap 2 80K	1362 [643]	1327 [626]	1294 [611]	1267 [598]	1207 [570]	1151 [543]	1131 [534]	1085 [512]	1022 [482]	956 [451]					
	Tap 3	100,000 [29.31]			Tap 3 100K	794	833	872	897	948	976	1005	1038	1078	1112					
	Tap 4				Tap 4 Low Static Cool	287	295	317	317	331	351	361	365	370	399					
	Tap 5				Tap 5 High Static Cool	1435 [677]	1405 [663]	1378 [650]	1349 [637]	1309 [618]	1266 [597]	1233 [582]	1193 [563]	1134 [535]	1066 [503]					
4.0 [14.07]	Tap 1			12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Unused	844	867	892	927	961	991	1022	1052	1101	1130					
	Tap 2	80,000 [23.45]			Tap 2 80K	337	340	358	368	390	389	409	411	438	446					
	Tap 3	100,000 [29.31]			Tap 3 100K	1340 [632]	1305 [616]	1263 [596]	1227 [579]	1186 [560]	1162 [548]	1104 [521]	1020 [481]	960 [453]	897 [423]					
	Tap 4				Tap 4 Low Static Cool	776	796	831	869	898	925	966	1011	1044	1076					
	Tap 5				Tap 5 High Static Cool	261	268	279	291	303	310	323	339	351	361					

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

[ ] Designates Metric Conversions



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

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [0.2]	0.2 [0.05]	0.3 [0.07]	0.4 [1.10]	0.5 [1.12]	0.6 [1.15]	0.7 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]	
5.0 [17.59]	1st Stage Tap 2	Tap 1	100,000 [29.31]	1600 CFM/ 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 100K Heat/FAN	CFM	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	Tap 2				CFM	1289 [608]	1239 [585]	1189 [561]	1140 [538]	1101 [520]	1052 [496]	969 [457]	918 [433]	860 [406]	812 [383]	
		RPM				726	755	786	815	846	876	912	935	964	986		
	2nd Stage Tap 5	2nd Stage Low Static Cool				Tap 3	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	
	2nd Stage Tap 5	2nd Stage High Static Cool				Tap 4	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	
	2nd Stage Tap 5	2nd Stage High Static Cool				Med Static Cool	Watts	664	673	683	696	704	700	697	684	667	635
Watts			2095 [989]	2045 [965]	1983 [936]	1905 [899]	1840 [868]	1792 [846]	1712 [808]	1641 [774]	1558 [735]	1397 [659]					
2nd Stage Tap 5	2nd Stage High Static Cool	High Static Cool	CFM	1103	1114	1114	1123	1125	1130	1139	1140	1144	1148				
		Watts	829	841	832	803	785	770	749	710	685	633					

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

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

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

[ ] Designates Metric Conversions

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

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)													
	Cool	Heat					0.1 [0.2]	0.2 [0.05]	0.3 [0.07]	0.4 [1.10]	0.5 [1.12]	0.6 [1.15]	0.7 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]				
2.0 [7.03]					10X9 Blower 1/3 HP [249] 5 Speed (Constant Torque)	Tap 1 Fan	CFM RPM Watts	896 [423] 657 107	843 [398] 697 112	788 [372] 738 117	723 [341] 793 126	651 [307] 852 133	597 [582] 893 139	544 [257] 937 145	505 [238] 976 149					
		Tap 2	40,000 [11.72]			CFM RPM Watts	704 [332] 577 62	636 [300] 638 68	530 [250] 714 74	471 [222] 766 80	404 [191] 820 84	350 [165] 864 88	300 [142] 908 91	276 [130] 943 94	248 [117] 988 97	201 [92] 1029 102				
		Tap 3	60,000 [17.58]	700 CFM / 950 CFM		CFM RPM Watts	870 [411] 642 101	816 [385] 688 106	764 [361] 731 111	699 [330] 788 119	622 [294] 844 126	574 [271] 883 132	518 [244] 931 138	469 [221] 977 145						
		Tap 4				CFM RPM Watts	983 [464] 697 131	936 [442] 736 137	877 [414] 774 143	822 [388] 819 149	758 [358] 874 158	696 [328] 924 167	647 [305] 963 173	597 [282] 1004 179	549 [259] 1044 186	508 [240] 1081 191				
						CFM RPM Watts	1224 [578] 822 178	1184 [559] 872 192	1145 [540] 907 198	1102 [520] 954 208	1060 [500] 998 212	1016 [479] 1036 224	974 [450] 1070 224	911 [430] 1103 234	859 [405] 859 300	822 [368] 822 300				
						CFM RPM Watts	948 [447] 691 123	897 [423] 731 129	852 [402] 771 135	799 [377] 814 142	709 [335] 879 151	659 [311] 918 158	625 [295] 958 164	564 [266] 1002 170	529 [250] 1038 176	490 [231] 1074 182				
	2.5 [8.79]		Tap 2	40,000 [11.72]			10X9 Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 2 40K	CFM RPM Watts	686 [234] 551 63	623 [294] 605 67	521 [246] 683 75	468 [220] 728 79	411 [194] 782 84	329 [155] 848 90	277 [131] 892 94	220 [104] 946 99	142 [67] 990 102		
			Tap 3	60,000 [17.58]		850 CFM / 1150 CFM		CFM RPM Watts	877 [414] 652 104	829 [391] 696 109	774 [365] 745 116	691 [326] 805 124	928 [438] 851 130	583 [275] 892 136	537 [253] 933 141	490 [231] 974 147	442 [209] 1024 154			
			Tap 4					CFM RPM Watts	1070 [505] 744 160	1025 [484] 783 167	979 [462] 823 175	928 [438] 870 183	879 [415] 905 189	792 [374] 966 203	742 [350] 1005 214	699 [330] 1041 222	661 [312] 1076 228	619 [292] 1113 228		
								CFM RPM Watts	1231 [581] 832 229	1189 [561] 1189 238	1151 [543] 1151 246	1114 [526] 1114 254	1078 [509] 1078 262	1036 [489] 1036 269	989 [467] 989 282	908 [429] 908 295	865 [408] 865 304	832 [393] 832 313		
					CFM RPM Watts	948 [447] 691 123		897 [423] 731 129	852 [402] 771 135	799 [377] 814 142	709 [335] 879 151	659 [311] 918 158	625 [295] 958 164	564 [266] 1002 170	529 [250] 1038 176	490 [231] 1074 182				

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

[ J ] Designates Metric Conversions



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

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [1.10]	0.5 [1.12]	0.6 [1.15]	0.7 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]	
3.5 [12.31]					12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 Fan	CFM RPM Watts	1136 [536] 691 174	1077 [508] 732 184	1034 [490] 767 191	984 [464] 805 200	922 [435] 847 208	868 [410] 883 216	798 [377] 926 225	709 [335] 968 235	632 [298] 1008 243	574 [271] 1034 249
		Tap 2	80,000 [23.45]			CFM RPM Watts	1276 [602] 759 234	1234 [582] 792 242	1190 [562] 827 254	1145 [540] 860 261	1103 [521] 894 270	1051 [496] 931 280	995 [451] 965 290	945 [446] 1001 299	875 [413] 1038 310	773 [346] 1083 321	
		Tap 4				CFM RPM Watts	1421 [670] 824 308	1373 [648] 858 319	1335 [630] 888 328	1297 [612] 918 339	1258 [594] 949 350	1218 [575] 978 358	1173 [554] 1011 370	1122 [530] 1045 382	1082 [511] 1075 391	1024 [483] 1111 404	
						CFM RPM Watts	1359 [641] 797 275	1309 [618] 831 284	1270 [599] 863 295	1228 [580] 894 303	1187 [560] 927 313	1143 [539] 957 323	1094 [516] 993 333	1050 [496] 1023 343	1003 [473] 1056 364	944 [446] 1092 364	
						CFM RPM Watts	1588 [750] 906 421	1544 [729] 934 432	1510 [713] 963 444	1472 [695] 991 456	1435 [677] 1020 467	1407 [644] 1047 478	1379 [651] 1072 490	1334 [630] 1102 502	1301 [614] 1129 513	1256 [593] 1160 527	
						CFM RPM Watts	1215 [573] 661 167	1156 [546] 703 176	1099 [519] 744 186	1049 [495] 779 192	996 [470] 817 200	922 [435] 859 209	844 [398] 896 217	757 [357] 934 225	699 [330] 969 233	632 [298] 1026 247	
		Tap 2	80,000 [23.45]			CFM RPM Watts	1582 [747] 863 350	1531 [723] 891 361	1492 [704] 918 370	1444 [681] 949 381	1397 [659] 979 392	1354 [639] 1005 401	1311 [619] 1035 413	1273 [601] 1058 421	1226 [579] 1085 431	1185 [559] 1113 443	
		Tap 3	100,000 [29.31]			CFM RPM Watts	1510 [713] 801 297	1460 [689] 833 308	1410 [665] 865 317	1366 [645] 899 329	1322 [624] 933 340	1281 [605] 960 358	1244 [587] 986 367	1192 [563] 1020 377	1138 [538] 1050 387	1078 [509] 1080 387	
		Tap 4				CFM RPM Watts	1676 [791] 865 389	1631 [770] 898 402	1594 [752] 921 411	1549 [731] 950 423	1510 [713] 982 434	1472 [695] 1010 446	1437 [678] 1038 456	1396 [659] 1064 467	1361 [642] 1088 477	1316 [621] 1117 488	
						CFM RPM Watts	1910 [901] 948 541	1864 [880] 976 554	1815 [857] 1007 570	1772 [836] 1036 583	1723 [813] 1069 600	1692 [799] 1097 613	1656 [782] 1123 626	1622 [765] 1146 638	1589 [750] 1170 650	1551 [732] 1192 660	

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

[ J Designates Metric Conversions



**INDOOR AIRFLOW PERFORMANCE RGEA14 – 460 VOLTS – ULN MODELS ONLY**

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)										
	Cool	Heat					0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [1.10]	0.5 [1.12]	0.6 [1.15]	0.7 [1.17]	0.8 [1.20]	0.9 [1.22]	1.0 [1.25]	
3.0 [10.55]	Tap 4			1000 CFM / 1400 CFM	12x9T Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 1 Fan	CFM	980 [463]	907 [428]	847 [400]	775 [366]	694 [328]	604 [285]	529 [250]	467 [220]	406 [192]	
							RPM	611	663	712	760	805	856	896	918	935	
							Watts	118	128	137	146	154	162	170	174	178	
						Tap 2 60K	CFM	936 [442]	878 [414]	788 [372]	704 [332]	616 [291]	530 [250]	441 [208]	377 [178]	343 [162]	311 [147]
							RPM	611	655	720	770	815	844	882	901	933	964
4.0 [14.07]	Tap 3			1350 CFM / 1850 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 3 80K	CFM	1152 [544]	1107 [522]	1067 [504]	1008 [476]	953 [450]	886 [418]	818 [386]	741 [350]	676 [319]	605 [286]
							RPM	713	748	786	833	870	909	947	987	1019	1055
							Watts	192	201	210	222	233	240	250	260	269	278
						Tap 4	CFM	1221 [576]	1174 [554]	1132 [534]	1086 [513]	1035 [488]	972 [459]	904 [427]	839 [396]	764 [361]	691 [326]
							RPM	736	772	803	846	888	929	962	1003	1042	1075
	Tap 5				12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 4 Low Static Cool	CFM	1502 [709]	1460 [690]	1423 [672]	1378 [650]	1340 [632]	1310 [618]	1267 [598]	1205 [569]	1115 [526]	983 [464]
							RPM	871	897	925	957	990	1017	1049	1082	1100	1119
							Watts	390	100	411	423	433	444	454	461	442	417
						Tap 1 Fan	CFM	1217 [574]	1160 [547]	1105 [522]	1057 [499]	1003 [473]	939 [443]	845 [399]	762 [360]	713 [336]	642 [303]
							RPM	672	714	754	791	830	871	919	957	1006	1040
	Tap 2				12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 5 High Static Cool	CFM	1293 [610]	1245 [588]	1194 [564]	1151 [543]	1104 [521]	1059 [500]	1001 [472]	915 [432]	866 [409]	795 [375]
							RPM	750	783	819	851	885	918	957	1001	1030	1066
							Watts	223	232	242	251	260	271	283	295	305	315
						Tap 3 100K	CFM	1520 [717]	1464 [691]	1420 [670]	1374 [648]	1326 [626]	1277 [603]	1236 [583]	1195 [564]	1138 [537]	1072 [506]
							RPM	794	829	862	895	928	966	993	1022	1061	1098
	Tap 4				12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 3 100K	CFM	1699 [802]	1650 [779]	1601 [756]	1558 [735]	1519 [717]	1483 [700]	1439 [679]	1405 [663]	1358 [641]	1272 [600]
							RPM	874	903	937	962	991	1020	1052	1074	1103	1122
							Watts	419	433	449	458	472	485	498	512	520	506
						Tap 5 High Static Cool	CFM	2036 [961]	1988 [938]	1947 [919]	1899 [896]	1828 [863]	1752 [827]	1672 [789]	1593 [752]	1485 [701]	1364 [644]
							RPM	1004	1030	1051	1074	1091	1110	1115	1026	1133	1138
	Watts	685	701	712	722	711	691	665	641	600	564						

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

[ J ] Designates Metric Conversions

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

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/HR [kW]	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size / Motor HP [W] & # of Speeds	Motor Speed / Tap	External Static Pressure - Inches W.C. [kPa]													
	Cool	Heat					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]				
5.0 [17.59]	1st Stage Tap 2	Tap 1	100,000 [29.31]	1600 CFM / 2100 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 100K Heat/Fan	CFM	1638 [773]	1584 [748]	1540 [727]	1497 [707]	1447 [683]	1408 [665]	1352 [638]	1298 [613]	1238 [584]	1192 [563]			
						RPM	794	819	846	873	900	923	952	978	1010	1036				
	2nd Stage Tap 3	Tap 2					Watts	357	369	380	390	402	413	422	435	450	460			
							CFM	1319 [622]	1260 [595]	1198 [565]	1139 [538]	1077 [508]	1103 [521]	934 [441]	857 [405]	782 [396]	701 [331]			
									Tap 3	RPM	680	713	743	778	809	849	889	919	952	983
											Watts	209	219	228	238	247	259	270	279	288
									2nd Stage Low Static	CFM	849	1746 [824]	1704 [802]	1659 [823]	1615 [762]	1573 [742]	1532 [1532]	1479 [698]	1431 [675]	1376 [649]
											RPM	895	918	943	967	991	1013	1035	1061	1085
									2nd Stage High Static	Watts	485	495	507	518	530	542	553	565	577	590
											CFM	1935 [913]	1892 [893]	1845 [871]	1808 [853]	1766 [833]	1722 [813]	1687 [796]	1642 [775]	1589 [750]
						Tap 4	RPM	901	918	947	970	993	1023	1038	1062	1089	1106			
								Watts	560	570	586	597	611	625	635	648	663	670		
						Tap 5	CFM	1979 [934]	1936 [914]	1890 [892]	1836 [866]	1813 [856]	1773 [837]	1731 [817]	1695 [800]	1651 [779]	1584 [748]			
								RPM	920	942	965	996	1013	1033	1061	1082	1101	1114		
						Cool	Watts	602	615	627	643	651	667	682	692	702	695			

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

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

[ ] Designates Metric Conversions

<b>ELECTRICAL DATA – RGEA14 SERIES</b>							
	<b>STANDARD/LOW NOx MODELS</b>	<b>024AJT***AB</b>	<b>030AJT***AB</b>	<b>036AJT***AB</b>		<b>036BCT***AA</b>	<b>042ACT***AA</b>
	<b>ULTRA LOW NOx MODELS</b>	<b>024AJT**UAA</b>	<b>030AJT**UAA</b>		<b>036AJT**UAA</b>	<b>036ACT**UAA</b>	
<b>Unit Information</b>	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	3	3
	Hz	60	60	60	60	60	60
	Minimum Circuit Ampacity	19	21	24	24	17	24
	Minimum Overcurrent Protection Device Size	20	25	25	25	20	25
	Maximum Overcurrent Protection Device Size	25	30	35	35	25	35
<b>Compressor Motor</b>	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	3	3
	RPM	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	2 1/6	2 2/3	3 1/3	3 1/3	3 1/3	3 1/2
	Amps (RLA), Comp. 1	11.2	12.8	14.1	14.1	9	13.2
	Amps (LRA), Comp. 1	60.8	64	77	77	71	88
	HP, Compressor 2						
	Amps (RLA), Comp. 2						
Amps (LRA), Comp. 2							
<b>Condenser Motor</b>	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5	1.5	1.5	1.5	1.5	1.5
	Amps (LRA, each)	3	3	3	3	3	3
<b>Evaporator Fan</b>	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/3	1/2	1	1/2	1/2	1/2
	Amps (FLA, each)	2.8	2.8	7.6	4.1	4.1	6
	Amps (LRA, each)						

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



### ELECTRICAL DATA – RGEA14 SERIES

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

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

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

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

### ELECTRICAL DATA – RGEA15 SERIES

		024AJV***AB	024BJV***AA	030AJV***AB	036ACT***AA	036ADT***AA	036AJV***AB	036BCT***AA
<b>Unit Information</b>	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	414-506	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	460	208/230	208/230
	Phase	1	1	1	3	3	1	3
	Hz	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	19	19	21	17	10	23	19
	Minimum Overcurrent Protection Device Size	25	25	25	20	15	30	25
	Maximum Overcurrent Protection Device Size	30	25	30	25	15	35	25
<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	3
	RPM	3450	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	2 1/6	2	2 2/3	3 1/3	3 1/3	3 1/3	3
	Amps (RLA), Comp. 1	11.2	10.3	12.8	9	5.6	14.1	10.4
	Amps (LRA), Comp. 1	60.8	61.6	64	71	38	77	73
	HP, Compressor 2							
	Amps (RLA), Comp. 2							
Amps (LRA), Comp. 2								
<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)	1.5	1.5	1.5	1.5	0.8	1.5	1.5
	Amps (LRA, each)	3	3	3	3	1.6	3	3
<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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Amps (FLA, each)	3.5	4.3	3.5	4.1	2.1	3.5	4.1
	Amps (LRA, each)							

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

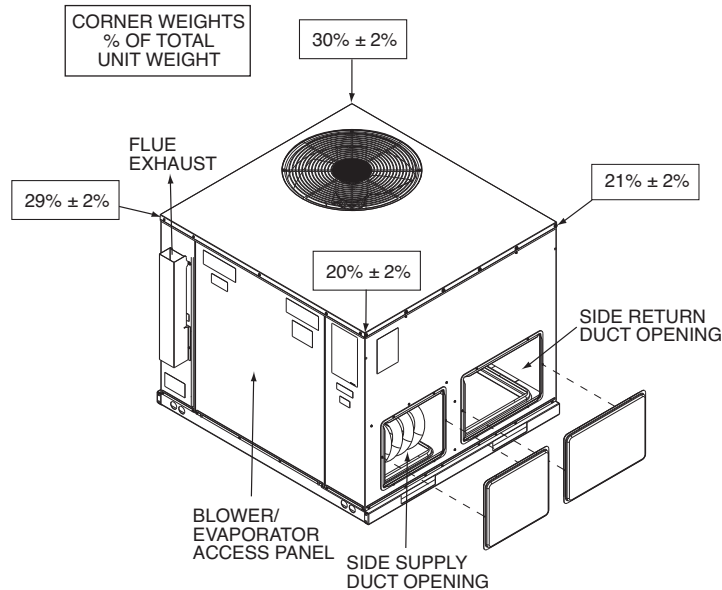
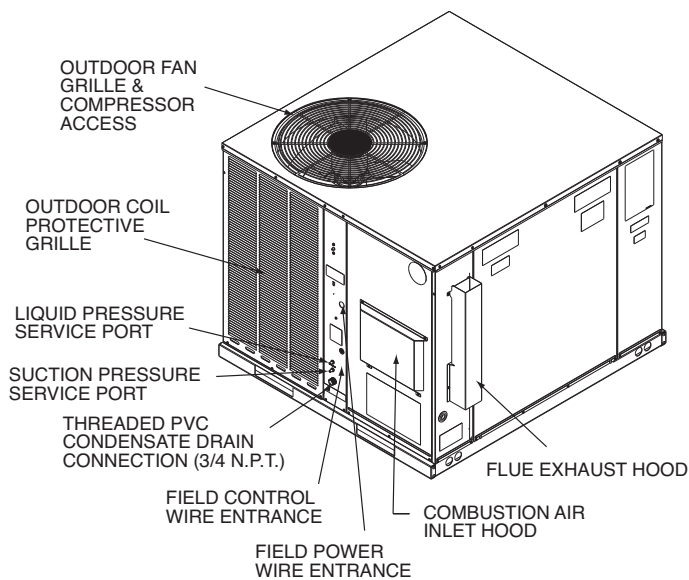
ELECTRICAL DATA – RGEA15 SERIES							
		036BDT***AA	036BJV***AA	042ACT***AA	042AJV***AB	042BCT***AA	042BJV***AA
Unit Information	Unit Operating Voltage Range	414-506	187-253	187-253	187-253	187-253	187-253
	Volts	460	208/230	208/230	208/230	208/230	208/230
	Phase	3	1	3	1	3	1
	Hz	60	60	60	60	60	60
	Minimum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

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

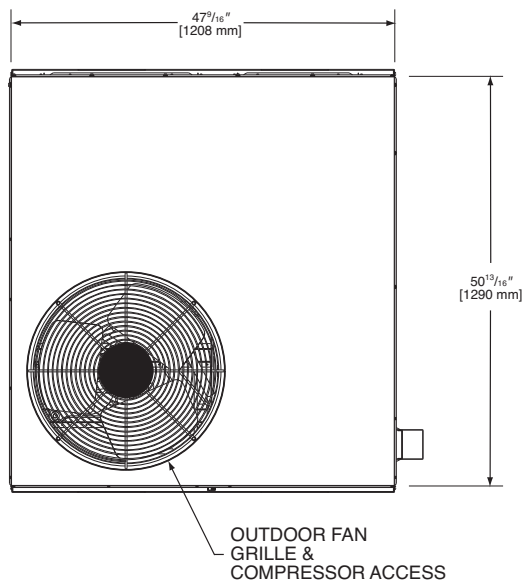
### ELECTRICAL DATA – RGEA15 SERIES

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

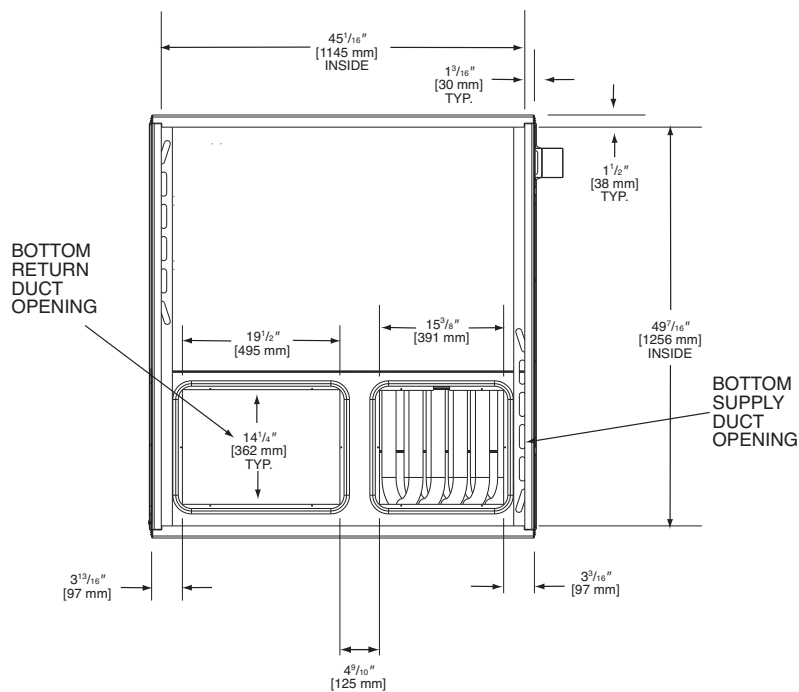
1. Horsepower Per Compressor.
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.



**TOP VIEW**

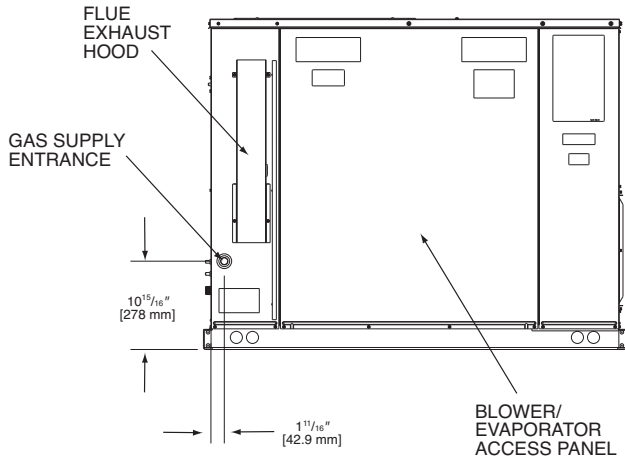


**BOTTOM VIEW**

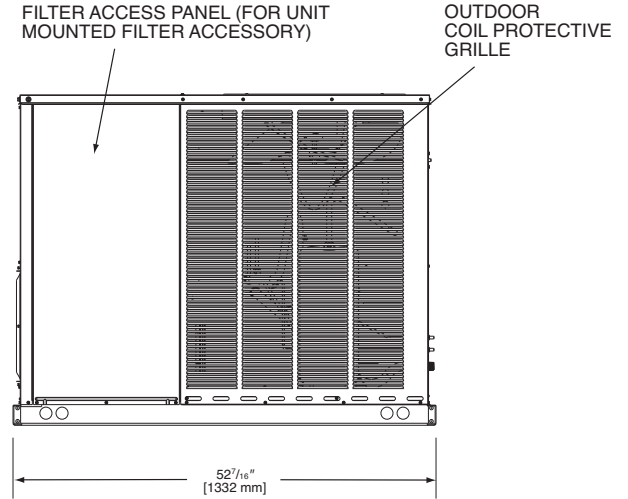


[ ] Designates Metric Conversions

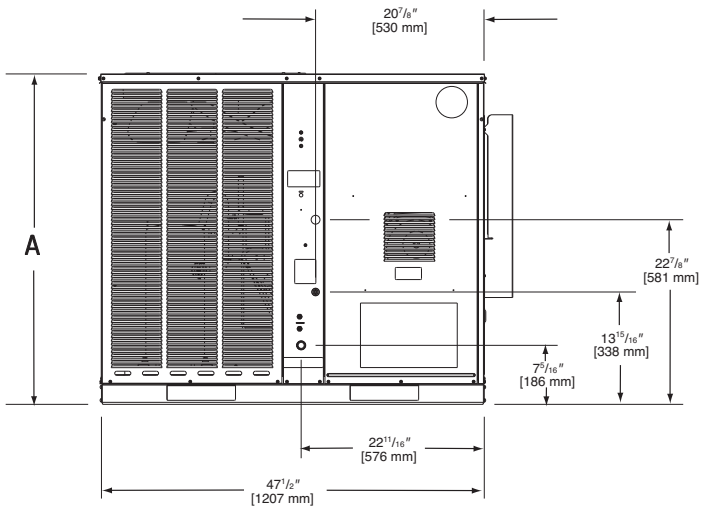
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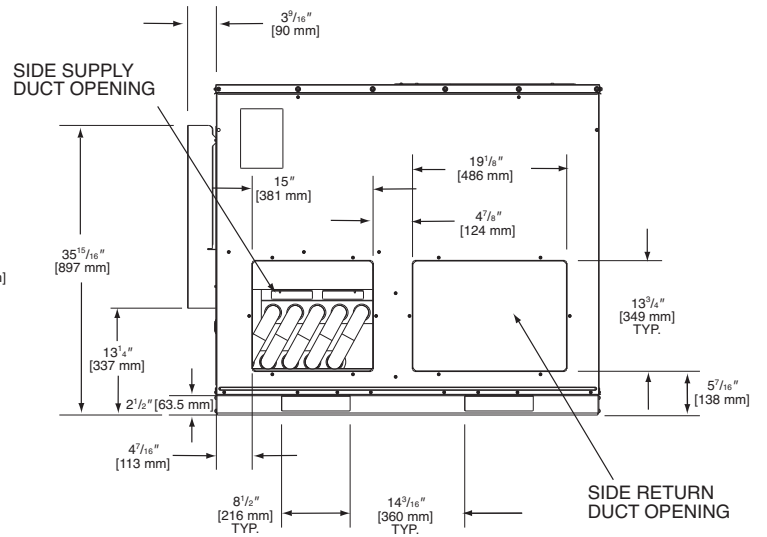
### SIDE VIEW



### FRONT VIEW



### BACK VIEW

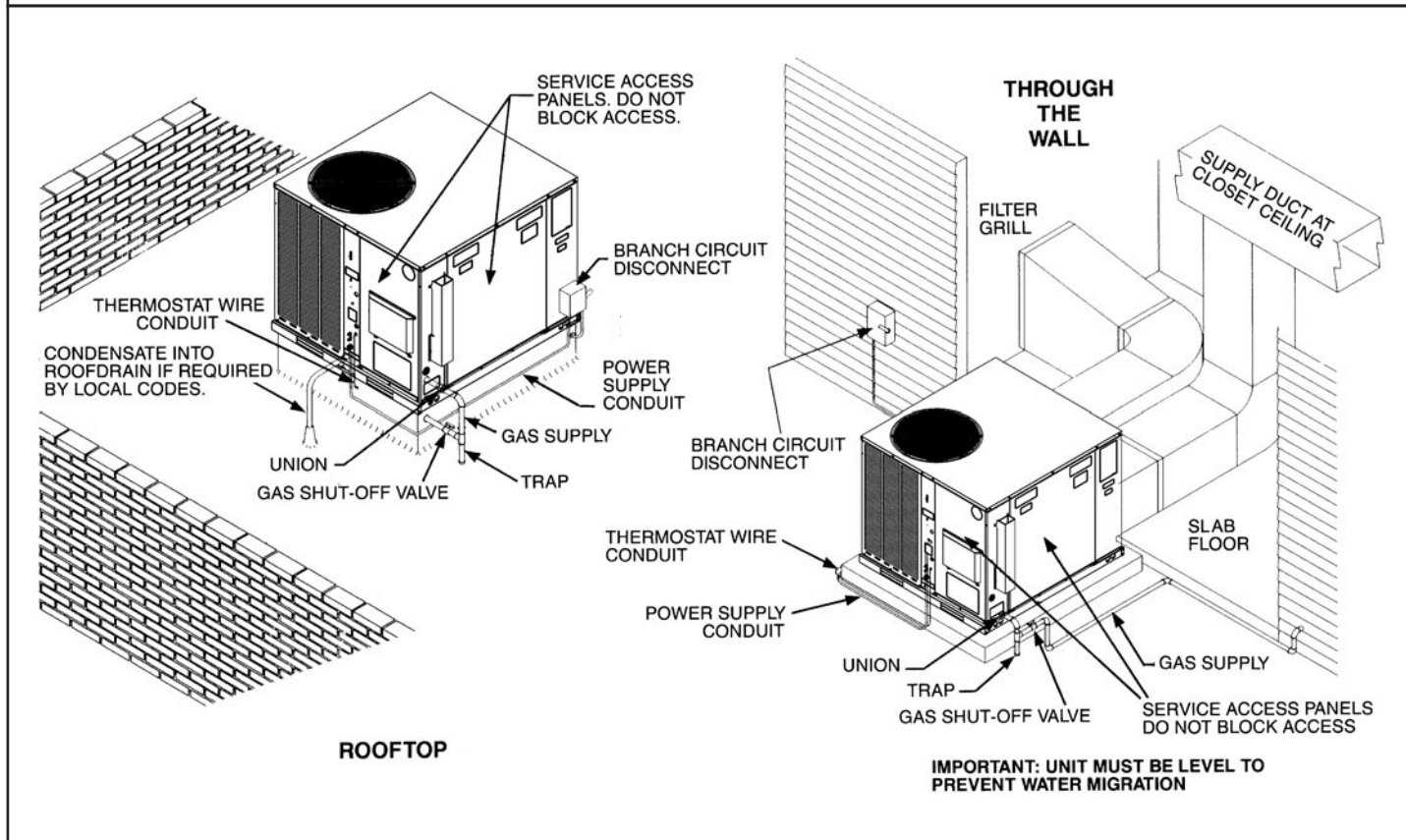
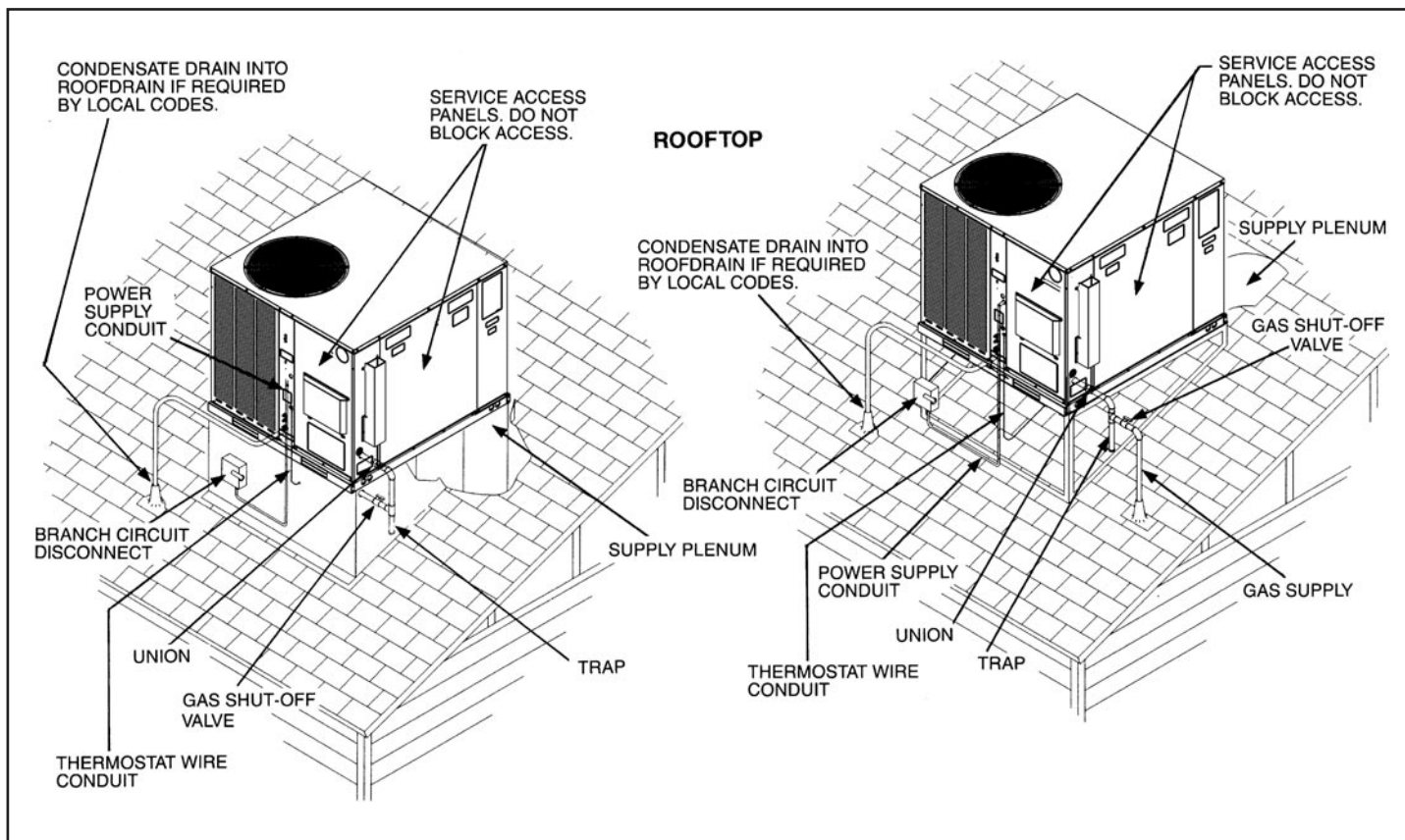


SHOWN WITH DUCT COVERS REMOVED.

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

[ ] Designates Metric Conversions





[ ] Designates Metric Conversions



## ACCESSORY EQUIPMENT

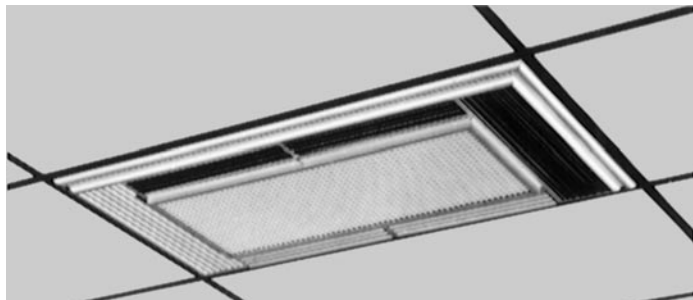
Accessory Description	Model Application	Accessory Model No.
Roofcurbs	RGEA14/15	RXSG-AAA08 (8" [203 mm] Height) RXSG-AAA14 (14" [356 mm] Height) RXSG-AAA24 (24" [610 mm] Height)
Supply & Return Diffusers	RGEA14/15	RXRN-BD15
Economizers (Convertible)	RGEA14/15	AXRD-O1RACAM3
Fresh Air Damper	RGEA14/15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

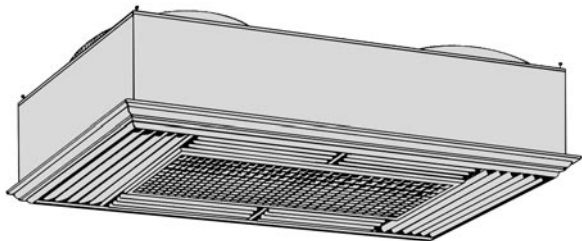
<sup>2</sup> High pressure switches are standard for RGEA15 Models.

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## COMMON SUPPLY/RETURN CONCENTRIC AIR DIFFUSER



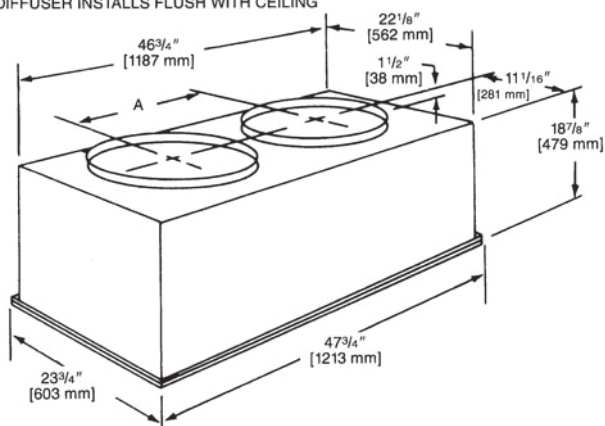
## SUPPLY/RETURN DIFFUSER



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

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

DIFFUSER INSTALLS FLUSH WITH CEILING



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

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

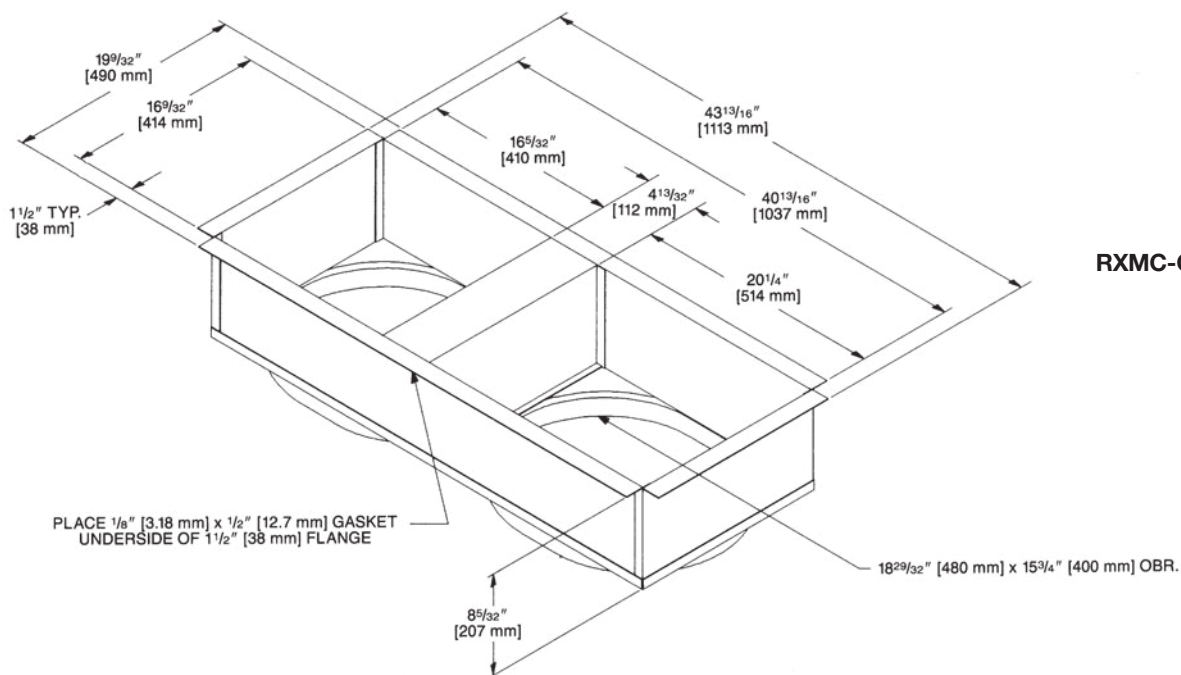
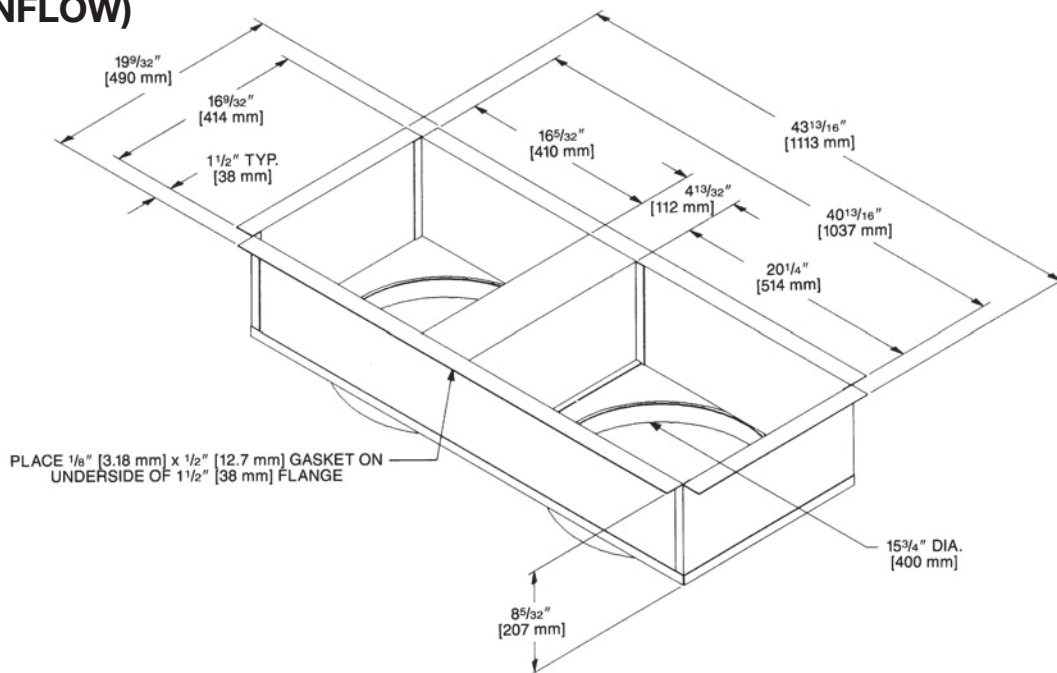
Accessory	Approximate CFM [L/s]-Supply Air			
	1300 [614]	1575 [743]	1800 [850]	2200 [1038]
Plenum & Supply/Return Duct	.07 [.017]	.10 [.024]	.12 [.030]	.17 [.042]
Diffuser	.09 [.022]	.13 [.032]	.16 [.040]	.24 [.060]
Economizer	.06 [.015]	.09 [.022]	.11 [.027]	.17 [.042]

## SUPPLY AIR/PERFORMANCE

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

# DUCT ADAPTERS RECTANGULAR TO ROUND TRANSITIONS (DOWNFLOW)

**RXMC-CA02**



**RXMC-CA03**

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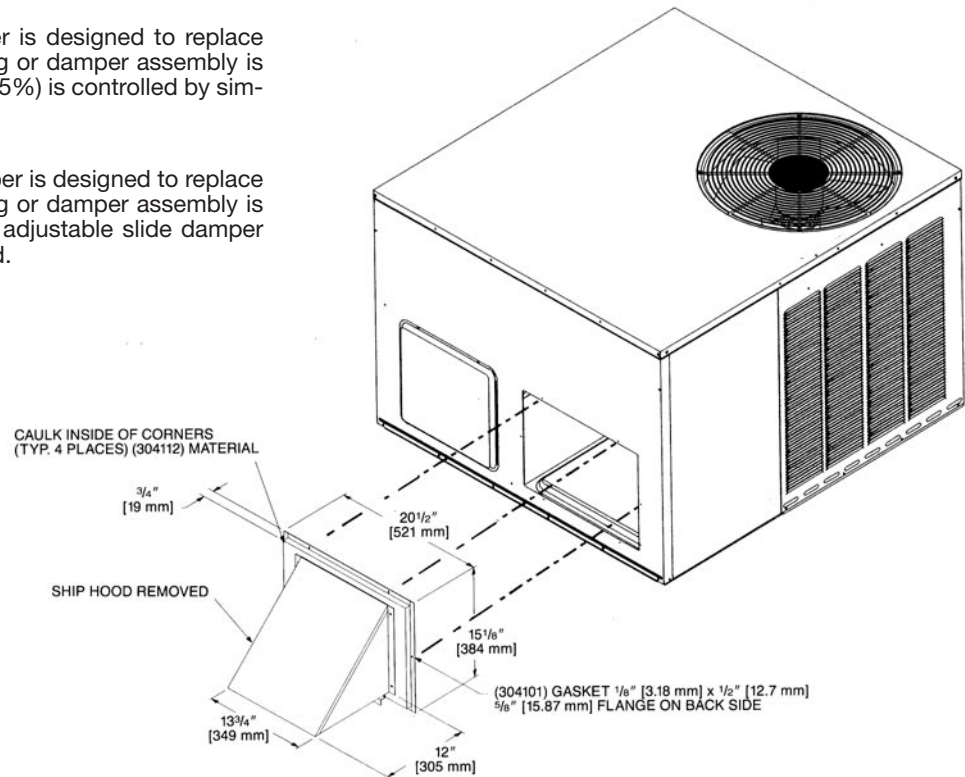
## FRESH AIR DAMPER

### **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.

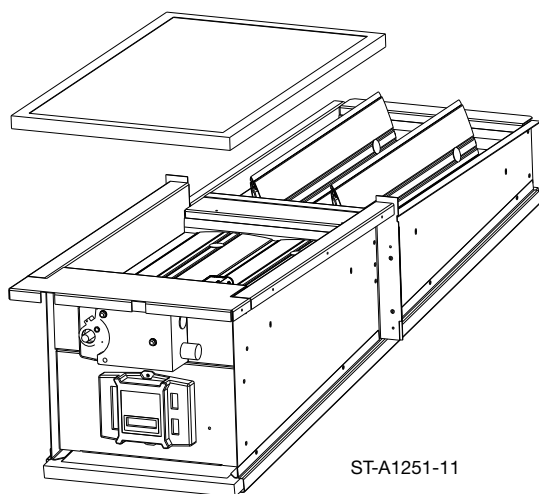
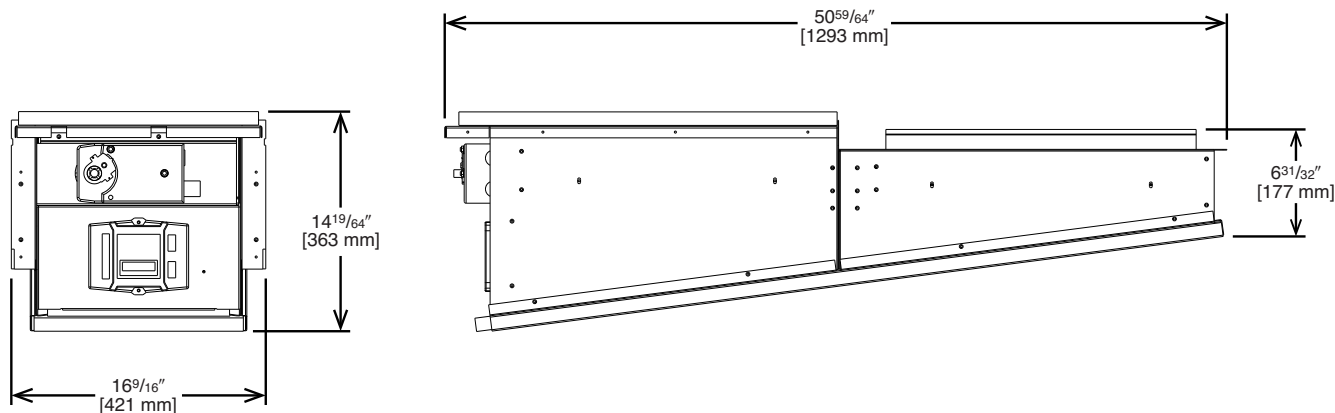
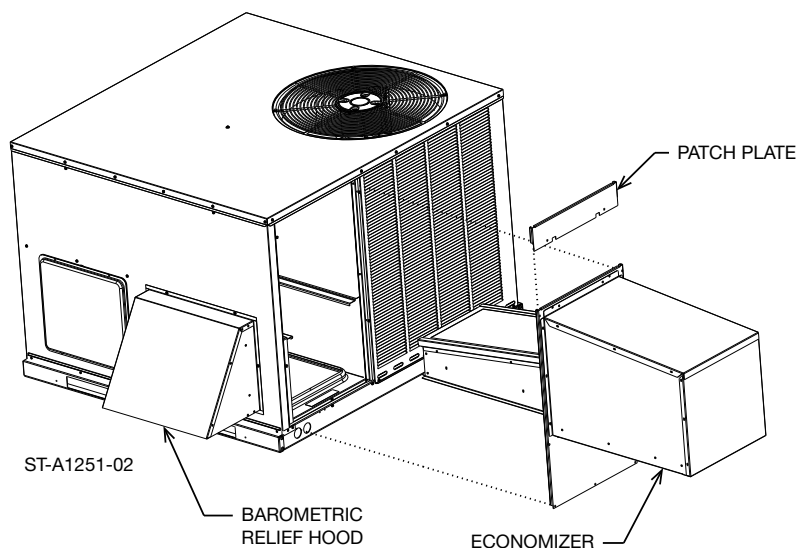


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## ECONOMIZERS

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

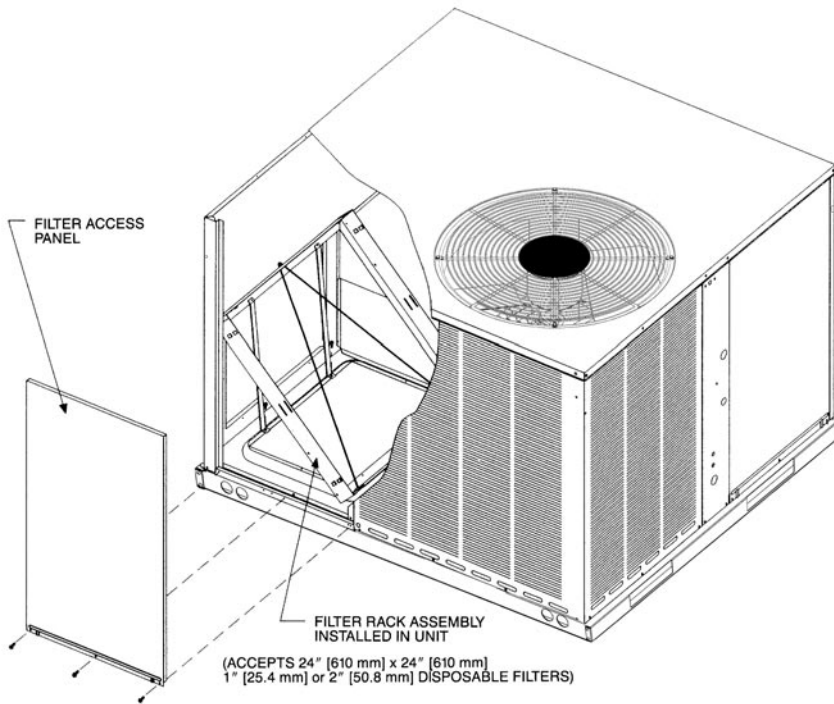
- LCD Screen for Continuous diagnostic and system status
- Programmable set points for accurate positioning
- Simplified wiring and color coded terminals
- Onboard fault detection and diagnostics (FDD)
- Operational Checkout to verify installation
- Enthalpy sensors and actuator that communicate through a Sylk Bus Network with the Jade Controller reducing wiring errors while providing more information
- CO<sub>2</sub> sensor input for DCV (Demand Control Ventilation) applications
- RXRX-AV04 Dual Enthalpy kit available for field installation
- AMCA licensed class 1A low leak Dampers



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## FILTER KIT INSTALLATION RXRY-B01

For use in either  
vertical or horizontal  
discharge.



**Airflow Pressure Drop, Inches W.C. [kPa]**

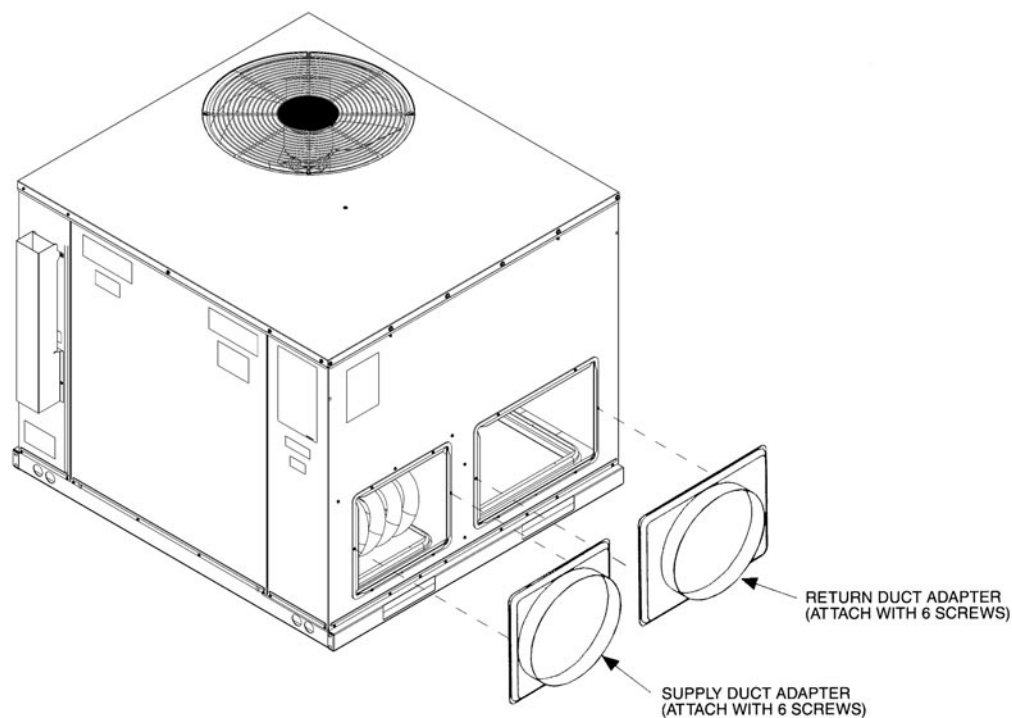
CFM [L/s]	1" Filter	2" Filter
500 [236]	.02 [.0050]	.03 [.0075]
600 [283]	.02 [.0050]	.03 [.0075]
700 [330]	.03 [.0075]	.04 [.0101]
800 [378]	.04 [.0101]	.05 [.0124]
900 [425]	.05 [.0124]	.06 [.0149]
1000 [472]	.07 [.0174]	.08 [.0199]
1100 [519]	.08 [.0199]	.09 [.0224]
1200 [566]	.10 [.0249]	.12 [.0299]
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]

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## 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.

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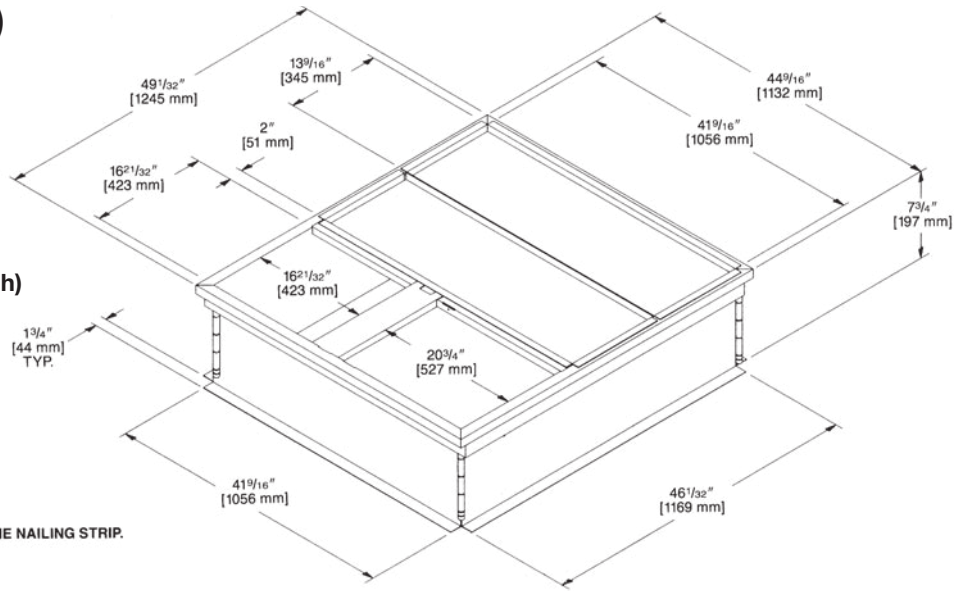


# ROOFCURB (Full Perimeter)

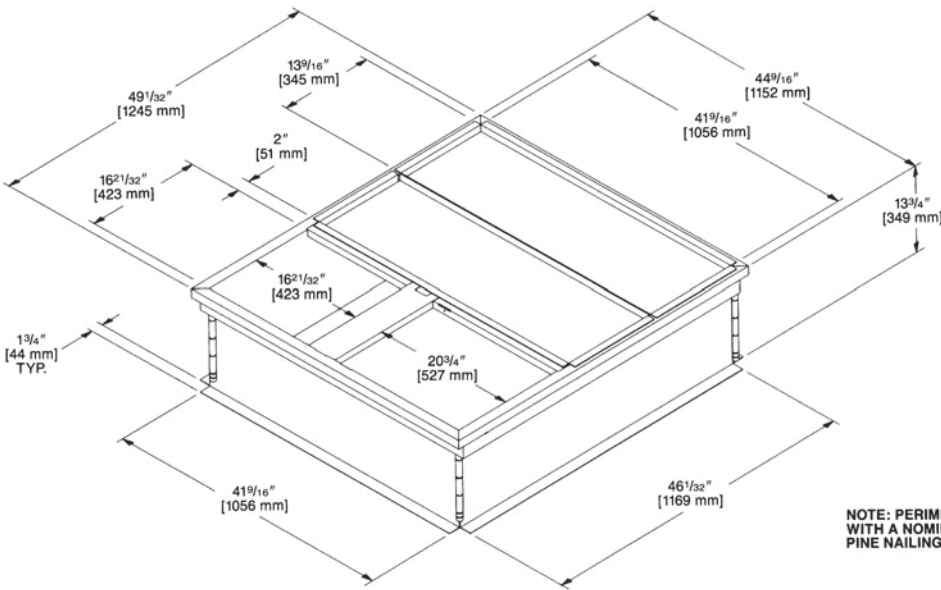
## RXSG-AAA08, RXSG-AAA14 and RXSG-AAA24

Hinged corners make for  
fast, easy set-up.

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



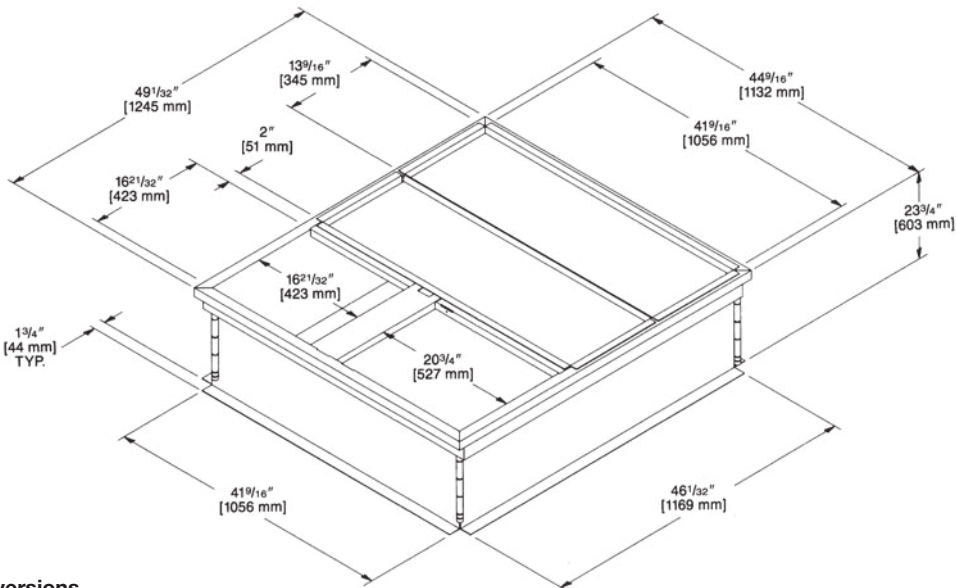
NOTE: PERIMETER OF ROOFCURB IS SUPPLIED  
WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm] PINE NAILING STRIP.



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

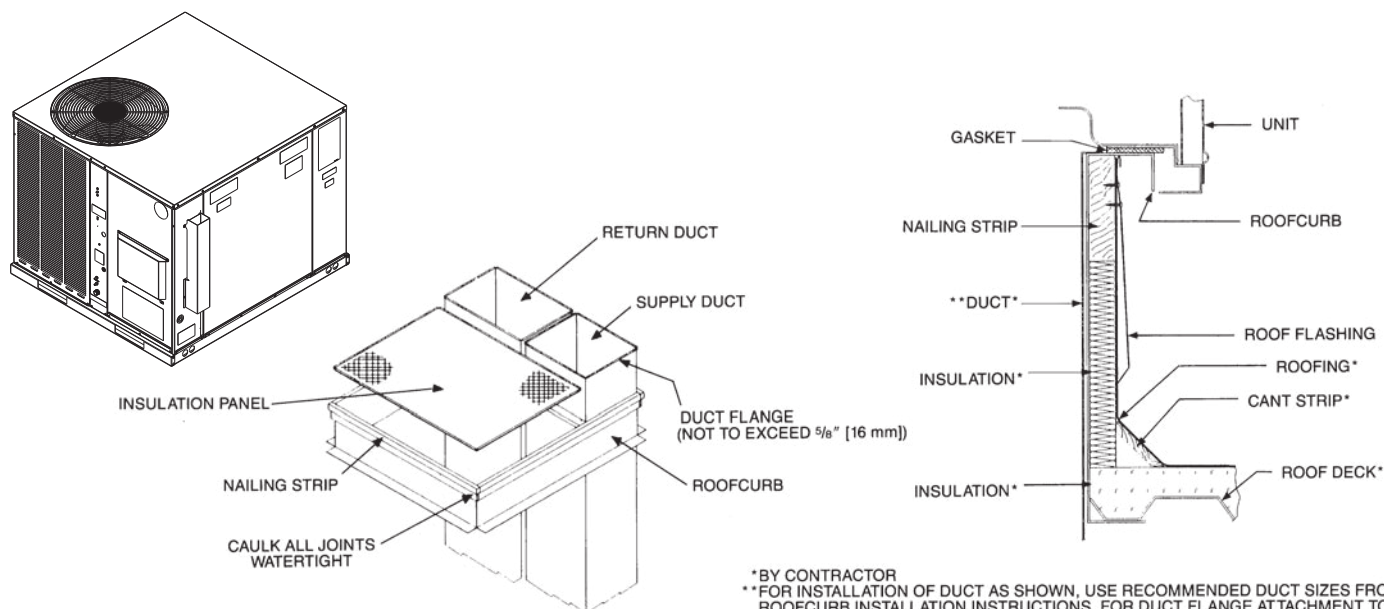
NOTE: PERIMETER OF ROOFCURB IS SUPPLIED  
WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm]  
PINE NAILING STRIP.

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



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# 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.

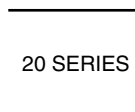
## ROOFCURB ADAPTERS

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

### OLD MODEL

#### SMALL CABINET

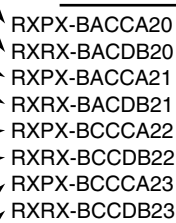
(1½-2 TON) [5.28-7.03 kW]  
RSNC-, RSND-, RSNE-  
RRGE-, RRGF-, RRGG-, RSNY



### OLD CURB MODEL

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

### NEW MODEL TO OLD MODEL ROOFCURB ADAPTER



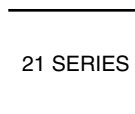
### NEW MODEL PACKAGE

ONLY 1 CABINET SIZE—  
ALL MODELS



#### MEDIUM CABINET

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



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

#### LARGE CABINET

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



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

#### EXTRA LARGE CABINET

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



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

(1) SLOPE TYPE  
(2) FULL PERIMETER TYPE

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