iR Residential Packaged Gas Electric Units



RGEAYB

Cooling Efficiency: 13.4 SEER2
Nominal Sizes: 2 to 5 Tons [7.0 to 17.6 kW]
Refrigerant Type: R-454B

TABLE OF CONTENTS

Unit Features and Benefits.....3
Model Number Identification 4
Options 5
General Data 6-18
General Data Notes.....19
Gross Systems Performance Data 20-25
Indoor Airflow Performance.....26-37
Electrical Data 38-44
Dimensional Data.....45-46
Typical Installations.....47
Accessories.....48-55
Limited Warranty.....56



FEATURES AND BENEFITS

- **Scroll Compressors on All Models:** Provides maximum efficiency and quiet operation
- **MicroChannel Evaporator and Condenser Coil:** Delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils. 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
- **Thermal Expansion Valves:** Standard on all models for precise superheat control, reliability, and energy efficiency at all operating conditions
- **High Pressure Control:** Standard on all models for refrigerant component protection and reliability
- **Filter Drier:** Standard on all models
- **100% Factory Run Tested**
- **Stainless Steel Heat Exchanger Option:** Available factory-installed for better corrosion resistance. This is standard on all ULN models
- **Ignition System:** Proven Direct Spark Ignition System (DSI) for reliability and longevity
- **Refrigerant Detection System™[1]*:** An integrated one-box, patented design featuring the A2L sensor and mitigation board, offering easier commissioning with a single component and simplified wiring configuration, compatibility with any 24V thermostat application and system protection by automatically pausing outdoor unit operation – if excess refrigerant is detected
- **Rugged Base Rail:** For improved installation and handling
- **Easily Accessible Control Box, Furnace Compartment and Slide-Out Blower Section:** Allows for installability and serviceability
- **Side and Down Discharge Options Available:** All models are shipped ready for horizontal applications
- **Double Sloped Evaporator Coil Drain Pan:** Allows for complete water removal from the unit - contributing to improved indoor air quality
- **Louvered Condenser Compartment:** Protects the coil against yard hazards and/or weather extremes
- **Supply and Return Air Openings:** Feature a one-inch-tall flange to prevent water migration into the ductwork
- **Designing for Sustainability with Low GWP:** For 2025, the Environmental Protection Agency (EPA) has set a global warming potential (GWP) limit of 700 for refrigerant used in heating and cooling systems. This new requirement will result in a 78%[2] lower GWP than previous-generation refrigerants with only minimal changes to system installation. For us, this is another step toward our continued sustainability goal of reducing greenhouse gas emissions, while still delivering an exceptional level if energy efficient, dependable comfort

[1]Factory installed on 3.5, 4 and 5 ton models. For R-454B equipment with a refrigerant charge less than 3.9 lbs (≈1.8 kg or ≈62.6 oz), a refrigerant detection system is not required by the UL 60335-2-40 standard. [2]When comparing the GWP of R-454B to R-410A refrigerant.

Packaged Gas Electric

R	GE	A	Y	B	024	A	J	T	04	1	N	A
Brand	**Product Category**	**Platform**	**Refrigerant**	**Tier**	**Capacity Btu/h**	**Major Series**	**Voltage**	**Drive**	**Gas Heat Input**	**Gas Heat Configuration**	**Control**	**Minor Series**
R - Whirlpool	GE - Gas Electric	A- ResiPack Convertible	Y - R-454B	B - Base Tier (13.4 SEER2)	024 - 24,000 [7.03 kW] 030 - 30,000 [8.79 kW] 036 - 36,000 [10.55 kW] 042 - 42,000 [12.31 kW] 048 - 48,000 [14.07 kW] 060 - 60,000 [17.58 kW]	A - 1st Design	J - 1ph, 208/230/60 C - 3ph, 208/230/60 D - 3ph, 460/60	T - Constant Torque	04 - 40k Btu/h 06 - 60k Btu/h 08 - 80k Btu/h 10 - 100k Btu/h	1 - Single-Stage X - Single-Stage Low NOx U - Single-Stage Ultra Low NOx	N - Non-Communicating	A - 1st Design

[ ] Designates Metric Conversions

Available Models		
Standard	**Low Nox (40 ng/J)**	**Ultra Low Nox (14 ng/J)**
RGEAYB024AJT041NA	RGEAYB024AJT04XNA	RGEAYB024AJT04UNA
RGEAYB024AJT061NA	RGEAYB024AJT06XNA	RGEAYB024AJT06UNA
RGEAYB024AJT081NA	RGEAYB024AJT08XNA	
RGEAYB030ACT041NA	RGEAYB030ACT04XNA	RGEAYB030ACT04UNA
RGEAYB030ACT061NA	RGEAYB030ACT06XNA	RGEAYB030ACT06UNA
RGEAYB030ACT081NA	RGEAYB030ACT08XNA	
RGEAYB030AJT041NA	RGEAYB030AJT04XNA	RGEAYB030AJT04UNA
RGEAYB030AJT061NA	RGEAYB030AJT06XNA	RGEAYB030AJT06UNA
RGEAYB030AJT081NA	RGEAYB030AJT08XNA	
RGEAYB036ACT061NA	RGEAYB036ACT06XNA	RGEAYB036ACT06UNA
RGEAYB036ACT081NA	RGEAYB036ACT08XNA	RGEAYB036ACT08UNA
RGEAYB036ACT101NA	RGEAYB036ACT10XNA	
RGEAYB036ADT061NA	RGEAYB036ADT06XNA	RGEAYB036ADT06UNA
RGEAYB036ADT081NA	RGEAYB036ADT08XNA	RGEAYB036ADT08UNA
RGEAYB036ADT101NA	RGEAYB036ADT10XNA	
RGEAYB036AJT061NA	RGEAYB036AJT06XNA	RGEAYB036AJT06UNA
RGEAYB036AJT081NA	RGEAYB036AJT08XNA	RGEAYB036AJT08UNA
RGEAYB036AJT101NA	RGEAYB036AJT10XNA	
RGEAYB042ACT081NA	RGEAYB042ACT08XNA	RGEAYB042ACT08UNA
RGEAYB042ACT101NA	RGEAYB042ACT10XNA	
RGEAYB042AJT081NA	RGEAYB042AJT08XNA	RGEAYB042AJT08UNA
RGEAYB042AJT101NA	RGEAYB042AJT10XNA	
RGEAYB048ACT081NA	**RGEAYB048ACT08XNA**	**RGEAYB048ACT08UNA**
RGEAYB048ACT101NA	**RGEAYB048ACT10XNA**	**RGEAYB048ACT10UNA**
RGEAYB048ADT081NA	**RGEAYB048ADT08XNA**	
RGEAYB048ADT101NA	**RGEAYB048ADT10XNA**	**RGEAYB048ADT10UNA**
RGEAYB048AJT081NA	**RGEAYB048AJT08XNA**	**RGEAYB048AJT08UNA**
RGEAYB048AJT101NA	**RGEAYB048AJT10XNA**	**RGEAYB048AJT10UNA**
RGEAYB060ACT081NA	**RGEAYB060ACT08XNA**	
RGEAYB060ACT101NA	**RGEAYB060ACT10XNA**	**RGEAYB060ACT10UNA**
RGEAYB060ADT081NA	**RGEAYB060ADT08XNA**	
RGEAYB060ADT101NA	**RGEAYB060ADT10XNA**	**RGEAYB060ADT10UNA**
RGEAYB060AJT081NA	**RGEAYB060AJT08XNA**	
RGEAYB060AJT101NA	**RGEAYB060AJT10XNA**	**RGEAYB060AJT10UNA**

NOTE: Bold represents 2-stage cooling models.

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: RGEAYB036AJT081NA

Example: RGEAYB036AJT081NAAJA

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 RGEAYB Series	024AJT041/X	024AJT04U	024AJT061/X	024AJT06U
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	23,700 [6.95]	23,700 [6.95]	23,700 [6.95]	23,700 [6.95]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	800/810 [378/382]	800/810 [378/382]	800/810 [378/382]	800/810 [378/382]
AHRI Net Cooling Capacity Btu/h [kW]	22,800 [6.68]	22,800 [6.68]	22,800 [6.68]	22,800 [6.68]
Net Sensible Capacity Btu/h [kW]	16,600 [4.86]	16,600 [4.86]	16,600 [4.86]	16,600 [4.86]
Net Latent Capacity Btu/h [kW]	6,200 [1.82]	6,200 [1.82]	6,200 [1.82]	6,200 [1.82]
Net System Power kW	2.01	2.01	2.01	2.01
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	40,000 [11.72]	40,000 [11.72]	60,000 [17.58]	60,000 [17.58]
Heating Output Btu/h [kW]	32,000 [9.38]	32,800 [9.61]	48,000 [14.06]	49,200 [14.42]
Temperature Rise Range °F [°C]	25-55 [13.9-30.6]	30-60 [16.7-33.3]	40-70 [22.2-38.9]	40-70 [22.2-38.9]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	2	1	3	1
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)[5]	77	77	77	77
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.472 [12]	0.472 [12]	0.472 [12]	0.472 [12]
Face Area sq. ft. [sq. m]	7.19 [0.67]	7.19 [0.67]	7.19 [0.67]	7.19 [0.67]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	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	825	825	825	825
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/3	1/3	1/3	1/3
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	38 [1077]	38 [1077]	38 [1077]	38 [1077]
Weights				
Net Weight lbs. [kg]	384 [174]	384 [174]	389 [176]	389 [176]
Ship Weight lbs. [kg]	392 [178]	392 [178]	397 [180]	397 [180]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	024AJT081/X	030ACT041/X	030ACT04U	030ACT061/X
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	23,700 [6.95]	29,400 [8.61]	29,400 [8.61]	29,400 [8.61]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	800/810 [378/382]	1000/980 [472/462]	1000/980 [472/462]	1000/980 [472/462]
AHRI Net Cooling Capacity Btu/h [kW]	22,800 [6.68]	28,400 [8.32]	28,400 [8.32]	28,400 [8.32]
Net Sensible Capacity Btu/h [kW]	16,600 [4.86]	21,100 [6.18]	21,100 [6.18]	21,100 [6.18]
Net Latent Capacity Btu/h [kW]	6,200 [1.82]	7,300 [2.14]	7,300 [2.14]	7,300 [2.14]
Net System Power kW	2.01	2.45	2.45	2.45
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	80,000 [23.44]	40,000 [11.72]	40,000 [11.72]	60,000 [17.58]
Heating Output Btu/h [kW]	65,000 [19.04]	32,000 [9.38]	32,800 [9.61]	48,000 [14.06]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	25-55 [13.9-30.6]	30-60 [16.7-33.3]	40-70 [22.2-38.9]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	4	2	1	3
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)[5]	77	79	79	79
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.472 [12]	0.709 [18]	0.709 [18]	0.709 [18]
Face Area sq. ft. [sq. m]	7.19 [0.67]	7.06 [0.66]	7.06 [0.66]	7.06 [0.66]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2500 [1180]	2400 [1133]	2400 [1133]	2400 [1133]
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	825	825	825	825
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/3	1/2	1/2	1/2
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	38 [1077]	46.4[1315]	46.4[1315]	46.4[1315]
Weights				
Net Weight lbs. [kg]	394 [179]	384 [174]	384 [174]	389 [176]
Ship Weight lbs. [kg]	402 [182]	392 [178]	392 [178]	397 [180]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	030ACT06U	030ACT081/X	030AJT041/X	030AJT04U
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	29,400 [8.61]	29,400 [8.61]	29,400 [8.61]	29,400 [8.61]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	1000/980 [472/462]	1000/980 [472/462]	1000/980 [472/462]	1000/980 [472/462]
AHRI Net Cooling Capacity Btu/h [kW]	28,400 [8.32]	28,400 [8.32]	28,400 [8.32]	28,400 [8.32]
Net Sensible Capacity Btu/h [kW]	21,100 [6.18]	21,100 [6.18]	21,100 [6.18]	21,100 [6.18]
Net Latent Capacity Btu/h [kW]	7,300 [2.14]	7,300 [2.14]	7,300 [2.14]	7,300 [2.14]
Net System Power kW	2.45	2.45	2.45	2.45
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	60,000 [17.58]	80,000 [23.44]	40,000 [11.72]	40,000 [11.72]
Heating Output Btu/h [kW]	49,200 [14.42]	65,000 [19.04]	32,000 [9.38]	32,800 [9.61]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	25-55 [13.9-30.6]	30-60 [16.7-33.3]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	1	4	2	1
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)[5]	79	79	79	79
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.709 [18]	0.709 [18]	0.709 [18]	0.709 [18]
Face Area sq. ft. [sq. m]	7.06 [0.66]	7.06 [0.66]	7.06 [0.66]	7.06 [0.66]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2400 [1133]	2400 [1133]	2400 [1133]	2400 [1133]
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	825	825	825	825
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	46.4 [1315]	46.4 [1315]	46.4 [1315]	46.4 [1315]
Weights				
Net Weight lbs. [kg]	389 [176]	394 [179]	384 [174]	384 [174]
Ship Weight lbs. [kg]	397 [180]	402 [182]	392 [178]	392 [178]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	030AJT061/X	030AJT06U	030AJT081/X	036ACT061/X
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	29,400 [8.61]	29,400 [8.61]	29,400 [8.61]	35,200 [10.31]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	1000/980 [472/462]	1000/980 [472/462]	1000/980 [472/462]	1200/1180 [566/557]
AHRI Net Cooling Capacity Btu/h [kW]	28,400 [8.32]	28,400 [8.32]	28,400 [8.32]	34,200 [10.02]
Net Sensible Capacity Btu/h [kW]	21,100 [6.18]	21,100 [6.18]	21,100 [6.18]	25,100 [7.35]
Net Latent Capacity Btu/h [kW]	7,300 [2.14]	7,300 [2.14]	7,300 [2.14]	9,100 [2.67]
Net System Power kW	2.45	2.45	2.45	2.8
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	60,000 [17.58]	60,000 [17.58]	80,000 [23.44]	60,000 [17.58]
Heating Output Btu/h [kW]	48,000 [14.06]	49,200 [14.42]	65,000 [19.04]	48,000 [14.06]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	40-70 [22.2-38.9]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	3	1	4	3
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)[5]	79	79	79	75
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.709 [18]	0.709 [18]	0.709 [18]	0.709 [18]
Face Area sq. ft. [sq. m]	7.06 [0.66]	7.06 [0.66]	7.06 [0.66]	9.78 [0.91]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2400 [1133]	2400 [1133]	2400 [1133]	3250 [1534]
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	825	825	825	825
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	46.4 [1315]	46.4 [1315]	46.4 [1315]	48 [1361]
Weights				
Net Weight lbs. [kg]	389 [176]	389 [176]	394 [179]	398 [181]
Ship Weight lbs. [kg]	397 [180]	397 [180]	402 [182]	406 [184]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	036ACT06U	036ADT06U	036ADT081/X	036ADT08U
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	1200/1180 [566/557]	1200/1180 [566/557]	1200/1180 [566/557]	1200/1180 [566/557]
AHRI Net Cooling Capacity Btu/h [kW]	34,200 [10.02]	34,200 [10.02]	34,200 [10.02]	34,200 [10.02]
Net Sensible Capacity Btu/h [kW]	25,100 [7.35]	25,100 [7.35]	25,100 [7.35]	25,100 [7.35]
Net Latent Capacity Btu/h [kW]	9,100 [2.67]	9,100 [2.67]	9,100 [2.67]	9,100 [2.67]
Net System Power kW	2.80	2.80	2.80	2.80
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	60,000 [17.58]	60,000 [17.58]	80,000 [23.44]	80,000 [23.44]
Heating Output Btu/h [kW]	49,200 [14.42]	49,200 [14.42]	65,000 [19.04]	65,600 [19.22]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	40-70 [22.2-38.9]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	1	1	4	1
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)[5]	75	75	75	75
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.709 [18]	0.709 [18]	0.709 [18]	0.709 [18]
Face Area sq. ft. [sq. m]	9.78 [0.91]	9.78 [0.91]	9.78 [0.91]	9.78 [0.91]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3250 [1534]	3250 [1534]	3250 [1534]	3250 [1534]
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	825	825	825	825
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	48 [1361]	48 [1361]	48 [1361]	48 [1361]
Weights				
Net Weight lbs. [kg]	398 [181]	398 [181]	403 [183]	403 [183]
Ship Weight lbs. [kg]	406 [184]	406 [184]	411 [186]	411 [186]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	036ADT101/X	036AJT061/X	036AJT06U	036AJT081/X
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]	35,200 [10.31]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	1200/1180 [566/557]	1200/1180 [566/557]	1200/1180 [566/557]	1200/1180 [566/557]
AHRI Net Cooling Capacity Btu/h [kW]	34,200 [10.02]	34,200 [10.02]	34,200 [10.02]	34,200 [10.02]
Net Sensible Capacity Btu/h [kW]	25,100 [7.35]	24,900 [7.3]	24,900 [7.3]	24,900 [7.3]
Net Latent Capacity Btu/h [kW]	9,100 [2.67]	9,300 [2.72]	9,300 [2.72]	9,300 [2.72]
Net System Power kW	2.80	2.80	2.80	2.80
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	100,000 [29.3]	60,000 [17.58]	60,000 [17.58]	80,000 [23.44]
Heating Output Btu/h [kW]	81,000 [23.73]	48,000 [14.06]	49,200 [14.42]	65,000 [19.04]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	40-70 [22.2-38.9]	40-70 [22.2-38.9]	35-65 [19.4-36.1]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	5	3	1	4
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)[5]	75	75	75	75
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.709 [18]	0.709 [18]	0.709 [18]	0.709 [18]
Face Area sq. ft. [sq. m]	9.78 [0.91]	9.78 [0.91]	9.78 [0.91]	9.78 [0.91]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]	3.54 [0.33]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3250 [1534]	3250 [1534]	3250 [1534]	3250 [1534]
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	825	825	825	825
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	48 [1361]	48 [1361]	48 [1361]	48 [1361]
Weights				
Net Weight lbs. [kg]	408 [185]	398 [181]	398 [181]	403 [183]
Ship Weight lbs. [kg]	416 [189]	406 [184]	406 [184]	411 [186]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	036AJT08U	036AJT101/X	042ACT081/X	042ACT08U
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	35,200 [10.31]	35,200 [10.31]	42,000 [12.31]	42,000 [12.31]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	1200/1180 [566/557]	1200/1180 [566/557]	1400/1510 [661/713]	1400/1510 [661/713]
AHRI Net Cooling Capacity Btu/h [kW]	34,200 [10.02]	34,200 [10.02]	40,000 [11.72]	40,000 [11.72]
Net Sensible Capacity Btu/h [kW]	24,900 [7.3]	24,900 [7.3]	30,000 [8.79]	30,000 [8.79]
Net Latent Capacity Btu/h [kW]	9,300 [2.72]	9,300 [2.72]	10,000 [2.93]	10,000 [2.93]
Net System Power kW	2.80	2.80	3.40	3.40
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	80,000 [23.44]	100,000 [29.3]	80,000 [23.44]	80,000 [23.44]
Heating Output Btu/h [kW]	65,600 [19.22]	81,000 [23.73]	65,000 [19.04]	65,600 [19.22]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	45-75 [25-41.7]	35-65 [19.4-36.1]	40-70 [22.2-38.9]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	1	5	4	1
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)[5]	75	75	77	77
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.709 [18]	0.709 [18]	0.709 [18]	0.709 [18]
Face Area sq. ft. [sq. m]	9.78 [0.91]	9.78 [0.91]	16.18 [1.5]	16.18 [1.5]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	3.54 [0.33]	3.54 [0.33]	3.98 [0.37]	3.98 [0.37]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3250 [1534]	3250 [1534]	4300 [2029]	4300 [2029]
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	825	825	1050	1050
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1	1	3/4	3/4
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	48 [1361]	48 [1361]	69.3 [1965]	69.3 [1965]
Weights				
Net Weight lbs. [kg]	403 [183]	408 [185]	468 [212]	468 [212]
Ship Weight lbs. [kg]	411 [186]	416 [189]	476 [216]	476 [216]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	042ACT101/X	042AJT081/X	042AJT08U	042AJT101/X
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	1400/1510 [661/713]	1400/1510 [661/713]	1400/1510 [661/713]	1400/1510 [661/713]
AHRI Net Cooling Capacity Btu/h [kW]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]
Net Sensible Capacity Btu/h [kW]	30,000 [8.79]	30,000 [8.79]	30,000 [8.79]	30,000 [8.79]
Net Latent Capacity Btu/h [kW]	10,000 [2.93]	10,000 [2.93]	10,000 [2.93]	10,000 [2.93]
Net System Power kW	3.40	3.40	3.40	3.40
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	100,000 [29.3]	80,000 [23.44]	80,000 [23.44]	100,000 [29.3]
Heating Output Btu/h [kW]	81,000 [23.73]	65,000 [19.04]	65,600 [19.22]	81,000 [23.73]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	35-65 [19.4-36.1]	40-70 [22.2-38.9]	45-75 [25-41.7]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	5	4	1	5
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)[5]	77	77	77	77
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	0.709 [18]	0.709 [18]	0.709 [18]	0.709 [18]
Face Area sq. ft. [sq. m]	16.18 [1.5]	16.18 [1.5]	16.18 [1.5]	16.18 [1.5]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	3.98 [0.37]	3.98 [0.37]	3.98 [0.37]	3.98 [0.37]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	4300 [2029]	4300 [2029]	4300 [2029]	4300 [2029]
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	1050	1050	1050	1050
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	69.3 [1965]	69.3 [1965]	69.3 [1965]	69.3 [1965]
Weights				
Net Weight lbs. [kg]	473 [215]	468 [212]	468 [212]	473 [215]
Ship Weight lbs. [kg]	481 [218]	476 [216]	476 [216]	481 [218]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	048ACT081/X	048ACT08U	048ACT101/X	048ACT10U
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	47,900 [14.04]	47,900 [14.04]	47,900 [14.04]	47,900 [14.04]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	1600/1730 [755/816]	1600/1730 [755/816]	1600/1730 [755/816]	1600/1730 [755/816]
AHRI Net Cooling Capacity Btu/h [kW]	45,500 [13.33]	45,500 [13.33]	45,500 [13.33]	45,500 [13.33]
Net Sensible Capacity Btu/h [kW]	33,500 [9.82]	33,500 [9.82]	33,500 [9.82]	33,500 [9.82]
Net Latent Capacity Btu/h [kW]	12,000 [3.52]	12,000 [3.52]	12,000 [3.52]	12,000 [3.52]
Net System Power kW	4.10	4.10	4.10	4.10
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	80,000 [23.44]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu/h [kW]	65,000 [19.04]	65,600 [19.22]	81,000 [23.73]	82,000 [24.03]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	40-70 [22.2-38.9]	45-75 [25-41.7]	40-70 [22.2-38.9]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	4	1	5	1
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/2/Scroll	1/2/Scroll	1/2/Scroll	1/2/Scroll
Outdoor Sound Rating (dB)[5]	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	15.37 [1.43]	15.37 [1.43]	15.37 [1.43]	15.37 [1.43]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	3.98 [0.37]	3.98 [0.37]	3.98 [0.37]	3.98 [0.37]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	4150 [1958]	4150 [1958]	4150 [1958]	4150 [1958]
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	1050	1050	1050	1050
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	78.4 [2223]	78.4 [2223]	78.4 [2223]	78.4 [2223]
Weights				
Net Weight lbs. [kg]	487 [221]	487 [221]	492 [223]	492 [223]
Ship Weight lbs. [kg]	495 [225]	495 [225]	500 [227]	500 [227]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	048ADT081/X	048ADT101/X	048ADT10U	048AJT081/X
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	47,900 [14.04]	47,900 [14.04]	47,900 [14.04]	47,900 [14.04]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	1600/1730 [755/816]	1600/1730 [755/816]	1600/1730 [755/816]	1600/1730 [755/816]
AHRI Net Cooling Capacity Btu/h [kW]	45,500 [13.33]	45,500 [13.33]	45,500 [13.33]	45,500 [13.33]
Net Sensible Capacity Btu/h [kW]	33,500 [9.82]	33,500 [9.82]	33,500 [9.82]	33,500 [9.82]
Net Latent Capacity Btu/h [kW]	12,000 [3.52]	12,000 [3.52]	12,000 [3.52]	12,000 [3.52]
Net System Power kW	4.10	4.10	4.10	4.10
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]	80,000 [23.44]
Heating Output Btu/h [kW]	65,000 [19.04]	81,000 [23.73]	82,000 [24.03]	65,000 [19.04]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	45-75 [25-41.7]	40-70 [22.2-38.9]	35-65 [19.4-36.1]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	4	5	1	4
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/2/Scroll	1/2/Scroll	1/2/Scroll	1/2/Scroll
Outdoor Sound Rating (dB)[5]	76	76	76	76
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	15.37 [1.43]	15.37 [1.43]	15.37 [1.43]	15.37 [1.43]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	3.98 [0.37]	3.98 [0.37]	3.98 [0.37]	3.98 [0.37]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	4150 [1958]	4150 [1958]	4150 [1958]	4150 [1958]
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	1050	1050	1050	1050
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	78.4 [2223]	78.4 [2223]	78.4 [2223]	78.4 [2223]
Weights				
Net Weight lbs. [kg]	487 [221]	492 [223]	492 [223]	487 [221]
Ship Weight lbs. [kg]	495 [225]	500 [227]	500 [227]	495 [225]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	048AJT08U	048AJT101/X	048AJT10U	060ACT081/X
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	47,900 [14.04]	47,900 [14.04]	47,900 [14.04]	58,600 [17.17]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	1600/1730 [755/816]	1600/1730 [755/816]	1600/1730 [755/816]	2000/1700 [944/802]
AHRI Net Cooling Capacity Btu/h [kW]	45,500 [13.33]	45,500 [13.33]	45,500 [13.33]	56,000 [16.41]
Net Sensible Capacity Btu/h [kW]	33,500 [9.82]	33,500 [9.82]	33,500 [9.82]	40,000 [11.72]
Net Latent Capacity Btu/h [kW]	12,000 [3.52]	12,000 [3.52]	12,000 [3.52]	16,000 [4.69]
Net System Power kW	4.10	4.10	4.10	5.21
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]	80,000 [23.44]
Heating Output Btu/h [kW]	65,600 [19.22]	81,000 [23.73]	82,000 [24.03]	65,000 [19.04]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	45-75 [25-41.7]	40-70 [22.2-38.9]	35-65 [19.4-36.1]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	1	5	1	4
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/2/Scroll	1/2/Scroll	1/2/Scroll	1/2/Scroll
Outdoor Sound Rating (dB)[5]	76	76	76	77
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	15.37 [1.43]	15.37 [1.43]	15.37 [1.43]	15.37 [1.43]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	3.98 [0.37]	3.98 [0.37]	3.98 [0.37]	3.96 [0.37]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	4150 [1958]	4150 [1958]	4150 [1958]	4300 [2029]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/2 HP
Motor RPM	1050	1050	1050	1050
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	78.4 [2223]	78.4 [2223]	78.4 [2223]	80 [2268]
Weights				
Net Weight lbs. [kg]	487 [221]	492 [223]	492 [223]	490 [222]
Ship Weight lbs. [kg]	495 [225]	500 [227]	500 [227]	498 [226]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	060ACT101/X	060ACT10U	060ADT081/X	060ADT101/X
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu/h [kW]	58,600 [17.17]	58,600 [17.17]	58,600 [17.17]	58,600 [17.17]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	2000/1700 [944/802]	2000/1700 [944/802]	2000/1700 [944/802]	2000/1700 [944/802]
AHRI Net Cooling Capacity Btu/h [kW]	56,000 [16.41]	56,000 [16.41]	56,000 [16.41]	56,000 [16.41]
Net Sensible Capacity Btu/h [kW]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]
Net Latent Capacity Btu/h [kW]	16,000 [4.69]	16,000 [4.69]	16,000 [4.69]	16,000 [4.69]
Net System Power kW	5.21	5.21	5.21	5.21
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	100,000 [29.3]	100,000 [29.3]	80,000 [23.44]	100,000 [29.3]
Heating Output Btu/h [kW]	81,000 [23.73]	82,000 [24.03]	65,000 [19.04]	81,000 [23.73]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	45-75 [25-41.7]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	5	1	4	5
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/2/Scroll	1/2/Scroll	1/2/Scroll	1/2/Scroll
Outdoor Sound Rating (dB)[5]	77	77	77	77
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	15.37 [1.43]	15.37 [1.43]	15.37 [1.43]	15.37 [1.43]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	3.96 [0.37]	3.96 [0.37]	3.96 [0.37]	3.96 [0.37]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	4300 [2029]	4300 [2029]	4300 [2029]	4300 [2029]
No. Motors/HP	1 at 1/2 HP	1 at 1/2 HP	1 at 1/2 HP	1 at 1/2 HP
Motor RPM	1050	1050	1050	1050
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	80 [2268]	80 [2268]	80 [2268]	80 [2268]
Weights				
Net Weight lbs. [kg]	495 [225]	495 [225]	490 [222]	495 [225]
Ship Weight lbs. [kg]	503 [228]	503 [228]	498 [226]	503 [228]

See Page 19 for Notes.

[ ] Designates Metric Conversions

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

Model RGEAYB Series	060ADT10U	060AJT081/X	060AJT101/X	060AJT10U
Cooling Performance[1]				
Gross Cooling Capacity Btu/h [kW]	58,500 [17.14]	58,500 [17.14]	58,500 [17.14]	58,500 [17.14]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	2000/1700 [944/802]	2000/1700 [944/802]	2000/1700 [944/802]	2000/1700 [944/802]
AHRI Net Cooling Capacity Btu/h [kW]	56,000 [16.41]	56,000 [16.41]	56,000 [16.41]	56,000 [16.41]
Net Sensible Capacity Btu/h [kW]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]	40,000 [11.72]
Net Latent Capacity Btu/h [kW]	16,000 [4.69]	16,000 [4.69]	16,000 [4.69]	16,000 [4.69]
Net System Power kW	5.21	5.21	5.21	5.21
Heating Performance (Gas)[3]				
Heating Input Btu/h [kW]	100,000 [29.3]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu/h [kW]	82,000 [24.03]	65,000 [19.04]	81,000 [23.73]	82,000 [24.03]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	45-75 [25-41.7]	40-70 [22.2-38.9]
AFUE %[4]	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	1	4	5	1
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Stg/Type	1/2/Scroll	1/2/Scroll	1/2/Scroll	1/2/Scroll
Outdoor Sound Rating (dB)[5]	77	77	77	77
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1 [25.4]	1 [25.4]	1 [25.4]	1 [25.4]
Face Area sq. ft. [sq. m]	15.37 [1.43]	15.37 [1.43]	15.37 [1.43]	15.37 [1.43]
Rows / FPI [FPcm]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]	1 / 23 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	MicroChannel	MicroChannel	MicroChannel	MicroChannel
MicroChannel Depth in. [mm]	1.26 [32]	1.26 [32]	1.26 [32]	1.26 [32]
Face Area sq. ft. [sq. m]	3.96 [0.37]	3.96 [0.37]	3.96 [0.37]	3.96 [0.37]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	4300 [2029]	4300 [2029]	4300 [2029]	4300 [2029]
No. Motors/HP	1 at 1/2 HP	1 at 1/2 HP	1 at 1/2 HP	1 at 1/2 HP
Motor RPM	1050	1050	1050	1050
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	80 [2268]	80 [2268]	80 [2268]	80 [2268]
Weights				
Net Weight lbs. [kg]	495 [225]	490 [222]	495 [225]	495 [225]
Ship Weight lbs. [kg]	503 [228]	498 [226]	503 [228]	503 [228]

See Page 19 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 to ±20% of nominal cfm. Units are certified in accordance with the Unitary Air Conditioner Equipment certification program, which is based on AHRI Standard 210/240 or 360.
2. EER2 and/or SEER2 are rated at AHRI conditions and in accordance with DOE test procedures.
3. Heating Performance limit settings and rating data were established and approved under laboratory test conditions using American National Standard Institute standards. Ratings shown are for elevations up to 2000 feet. For elevations above 2000 feet, ratings should be reduced at the rate of 4% for each 1000 feet above sea level.
4. AFUE is rated in accordance with DOE test procedures.
5. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.

GROSS SYSTEMS PERFORMANCE DATA—RGEAYB024

ENTERING INDOOR AIR @ 80°F [26.7°C] dbe												
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]			900 [425]	825 [389]	700 [330]	900 [425]	825 [389]	700 [330]	900 [425]	825 [389]	700 [330]	
DR			.05	.09	.12	.05	.09	.12	.05	.09	.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW]	29.9 [8.8]	29.4 [8.6]	28.6 [8.4]	28.2 [8.3]	27.7 [8.1]	27.0 [7.9]	26.5 [7.8]	26.1 [7.6]	25.4 [7.4]	
		Sens kBtu/h [kW]	16.8 [4.9]	16.1 [4.7]	15.0 [4.4]	19.7 [5.8]	18.9 [5.5]	17.5 [5.1]	22.6 [6.6]	21.6 [6.3]	20.1 [5.9]	
		Power	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	
	80°F [26.7°C]	Total kBtu/h [kW]	29.0 [8.5]	28.6 [8.4]	27.8 [8.1]	27.3 [8.0]	26.9 [7.9]	26.2 [7.7]	25.7 [7.5]	25.2 [7.4]	24.6 [7.2]	
		Sens kBtu/h [kW]	16.3 [4.8]	15.6 [4.6]	14.5 [4.2]	19.2 [5.6]	18.4 [5.4]	17.1 [5.0]	22.1 [6.5]	21.2 [6.2]	19.7 [5.8]	
		Power	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	
	85°F [29.4°C]	Total kBtu/h [kW]	28.2 [8.3]	27.7 [8.1]	27.0 [7.9]	26.5 [7.8]	26.1 [7.6]	25.4 [7.4]	24.8 [7.3]	24.4 [7.2]	23.7 [6.9]	
		Sens kBtu/h [kW]	15.8 [4.6]	15.2 [4.5]	14.1 [4.1]	18.7 [5.5]	18 [5.3]	16.7 [4.9]	21.6 [6.3]	20.7 [6.1]	19.3 [5.7]	
		Power	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	
	90°F [32.2°C]	Total kBtu/h [kW]	27.3 [8.0]	26.9 [7.9]	26.2 [7.7]	25.7 [7.5]	25.2 [7.4]	24.5 [7.2]	24.0 [7.0]	23.6 [6.9]	22.9 [6.7]	
		Sens kBtu/h [kW]	15.4 [4.5]	14.7 [4.3]	13.7 [4.0]	18.3 [5.4]	17.5 [5.1]	16.3 [4.8]	21.2 [6.2]	20.3 [5.9]	18.9 [5.5]	
		Power	2.0	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.9	
	95°F [35°C]	Total kBtu/h [kW]	26.5 [7.8]	26.1 [7.6]	25.3 [7.4]	24.8 [7.3]	24.4 [7.2]	23.7 [6.9]	23.1 [6.8]	22.8 [6.7]	22.1 [6.5]	
		Sens kBtu/h [kW]	14.9 [4.4]	14.3 [4.2]	13.3 [3.9]	17.8 [5.2]	17.1 [5]	15.9 [4.7]	20.7 [6.1]	19.9 [5.8]	18.5 [5.4]	
		Power	2.1	2.1	2.0	2.1	2.1	2.0	2.0	2.0	2.0	
	100°F [37.8°C]	Total kBtu/h [kW]	25.7 [7.5]	25.2 [7.4]	24.5 [7.2]	24.0 [7.0]	23.6 [6.9]	22.9 [6.7]	22.3 [6.5]	21.9 [6.4]	21.3 [6.2]	
		Sens kBtu/h [kW]	14.4 [4.2]	13.9 [4.1]	12.9 [3.8]	17.3 [5.1]	16.6 [4.9]	15.5 [4.5]	20.2 [5.9]	19.4 [5.7]	18.0 [5.3]	
		Power	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	
	105°F [40.6°C]	Total kBtu/h [kW]	24.8 [7.3]	24.4 [7.2]	23.7 [6.9]	23.1 [6.8]	22.7 [6.7]	22.1 [6.5]	21.4 [6.3]	21.1 [6.2]	20.5 [6.0]	
		Sens kBtu/h [kW]	14.0 [4.1]	13.4 [3.9]	12.5 [3.7]	16.9 [5.0]	16.2 [4.7]	15.0 [4.4]	19.8 [5.8]	19.0 [5.6]	17.6 [5.2]	
		Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	
	110°F [43.3°C]	Total kBtu/h [kW]	24.0 [7.0]	23.6 [6.9]	22.9 [6.7]	22.3 [6.5]	21.9 [6.4]	21.3 [6.2]	20.6 [6.0]	20.3 [5.9]	19.7 [5.8]	
		Sens kBtu/h [kW]	13.5 [4.0]	13.0 [3.8]	12.0 [3.5]	16.4 [4.8]	15.7 [4.6]	14.6 [4.3]	19.3 [5.7]	18.5 [5.4]	17.2 [5.0]	
		Power	2.5	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	
	115°F [46.1°C]	Total kBtu/h [kW]	23.1 [6.8]	22.7 [6.7]	22.1 [6.5]	21.4 [6.3]	21.1 [6.2]	20.5 [6.0]	19.8 [5.8]	19.4 [5.7]	18.9 [5.5]	
		Sens kBtu/h [kW]	13.0 [3.8]	12.5 [3.7]	11.6 [3.4]	15.9 [4.7]	15.3 [4.5]	14.2 [4.2]	18.8 [5.5]	18.1 [5.3]	16.8 [4.9]	
		Power	2.6	2.6	2.5	2.6	2.6	2.5	2.5	2.5	2.5	
	120°F [48.9°C]	Total kBtu/h [kW]	22.3 [6.5]	21.9 [6.4]	21.3 [6.2]	20.6 [6.0]	20.3 [5.9]	19.7 [5.8]	18.9 [5.5]	18.6 [5.5]	18.1 [5.3]	
		Sens kBtu/h [kW]	12.6 [3.7]	12.1 [3.5]	11.2 [3.3]	15.5 [4.5]	14.8 [4.3]	13.8 [4.0]	18.4 [5.4]	17.6 [5.2]	16.4 [4.8]	
		Power	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	
	125°F [51.7°C]	Total kBtu/h [kW]	21.4 [6.3]	21.1 [6.2]	20.5 [6.0]	19.7 [5.8]	19.4 [5.7]	18.9 [5.5]	18.1 [5.3]	17.8 [5.2]	17.3 [5.1]	
		Sens kBtu/h [kW]	12.1 [3.5]	11.6 [3.4]	10.8 [3.2]	15.0 [4.4]	14.4 [4.2]	13.4 [3.9]	17.9 [5.2]	17.2 [5.0]	16.0 [4.7]	
		Power	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb
Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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—RGEAYB030

ENTERING INDOOR AIR @ 80°F [26.7°C] dbe												
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]			1125 [531]	1050 [496]	875 [413]	1125 [531]	1050 [496]	875 [413]	1125 [531]	1050 [496]	875 [413]	
DR			.05	.09	.12	.05	.09	.12	.05	.09	.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW]	36.3 [10.6]	35.8 [10.5]	34.8 [10.2]	33.9 [9.9]	33.4 [9.8]	32.4 [9.5]	32.0 [9.4]	31.6 [9.3]	30.7 [9.0]	
		Sens kBtu/h [kW]	20.7 [6.1].	20.1 [5.9]	18.5 [5.4]	23.8 [7.0]	23.1 [6.8]	21.3 [6.2]	27.6 [8.1]	26.7 [7.8]	24.6 [7.2]	
		Power	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	1.9	
	80°F [26.7°C]	Total kBtu/h [kW]	35.4 [10.4]	34.9 [10.2]	33.9 [9.9]	32.9 [9.6]	32.5 [9.5]	31.5 [9.2]	31.1 [9.1]	30.7 [9.0]	29.8 [8.7]	
		Sens kBtu/h [kW]	20.4 [6.0]	19.7 [5.8]	18.2 [5.3]	23.5 [6.9]	22.8 [6.7]	21.0 [6.2]	27.3 [8.0]	26.4 [7.7]	24.3 [7.1]	
		Power	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.0	
	85°F [29.4°C]	Total kBtu/h [kW]	34.4 [10.1]	34.0 [10.0]	32.9 [9.6]	32.0 [9.4]	31.5 [9.2]	30.6 [9.0]	30.1 [8.8]	29.8 [8.7]	28.9 [8.5]	
		Sens kBtu/h [kW]	20.1 [5.9]	19.4 [5.7]	17.9 [5.2]	23.2 [6.8]	22.4 [6.6]	20.7 [6.1]	26.9 [7.9]	26.1 [7.6]	24.0 [7.0]	
		Power	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	
	90°F [32.2°C]	Total kBtu/h [kW]	33.4 [9.8]	33.0 [9.7]	32.0 [9.4]	31.0 [9.1]	30.6 [9.0]	29.6 [8.7]	29.1 [8.5]	28.8 [8.4]	27.9 [8.2]	
		Sens kBtu/h [kW]	19.7 [5.8]	19.1 [5.6]	17.6 [5.2]	22.8 [6.7]	22.1 [6.5]	20.4 [6.0]	26.6 [7.8]	25.7 [7.5]	23.7 [6.9]	
		Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	
	95°F [35°C]	Total kBtu/h [kW]	32.4 [9.5]	32.0 [9.4]	31.0 [9.1]	30.0 [8.8]	29.6 [8.7]	28.7 [8.4]	28.1 [8.2]	27.8 [8.1]	26.9 [7.9]	
		Sens kBtu/h [kW]	19.3 [5.7]	18.7 [5.5]	17.2 [5.0]	22.4 [6.6]	21.7 [6.4]	20.0 [5.9]	26.2 [7.7]	25.3 [7.4]	23.4 [6.9]	
		Power	2.5	2.5	2.4	2.5	2.5	2.4	2.5	2.5	2.4	
	100°F [37.8°C]	Total kBtu/h [kW]	31.4 [9.2]	31.0 [9.1]	30.0 [8.8]	28.9 [8.5]	28.5 [8.4]	27.7 [8.1]	27.1 [7.9]	26.7 [7.8]	25.9 [7.6]	
		Sens kBtu/h [kW]	18.9 [5.5]	18.3 [5.4]	16.9 [5.0]	22.0 [6.4]	21.3 [6.2]	19.7 [5.8]	25.8 [7.6]	24.9 [7.3]	23.0 [6.7]	
		Power	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	
	105°F [40.6°C]	Total kBtu/h [kW]	30.3 [8.9]	29.9 [8.8]	29.0 [8.5]	27.9 [8.2]	27.5 [8.1]	26.7 [7.8]	26.0 [7.6]	25.7 [7.5]	24.9 [7.3]	
		Sens kBtu/h [kW]	18.5 [5.4]	17.9 [5.2]	16.5 [4.8]	21.6 [6.3]	20.9 [6.1]	19.3 [5.7]	25.3 [7.4]	24.5 [7.2]	22.6 [6.6]	
		Power	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	
	110°F [43.3°C]	Total kBtu/h [kW]	29.2 [8.6]	28.8 [8.4]	28.0 [8.2]	26.8 [7.9]	26.4 [7.7]	25.6 [7.5]	24.9 [7.3]	24.6 [7.2]	23.9 [7.0]	
		Sens kBtu/h [kW]	18.0 [5.3]	17.4 [5.1]	16.1 [4.7]	21.1 [6.2]	20.4 [6.0]	18.9 [5.5]	24.9 [7.3]	24.1 [7.1]	22.2 [6.5]	
		Power	3.0	3.0	2.9	3.0	3.0	2.9	3.0	3.0	2.9	
	115°F [46.1°C]	Total kBtu/h [kW]	28.1 [8.2]	27.7 [8.1]	26.9 [7.9]	25.7 [7.5]	25.3 [7.4]	24.6 [7.2]	23.8 [7.0]	23.5 [6.9]	22.8 [6.7]	
		Sens kBtu/h [kW]	17.5 [5.1]	17.0 [5.0]	15.6 [4.6]	20.6 [6.0]	20.0 [5.9]	18.4 [5.4]	23.8 [7.0]	23.5 [6.9]	21.8 [6.4]	
		Power	3.2	3.2	3.1	3.2	3.2	3.1	3.2	3.2	3.1	
	120°F [48.9°C]	Total kBtu/h [kW]	27.0 [7.9]	26.6 [7.8]	25.8 [7.6]	24.5 [7.2]	24.2 [7.1]	23.5 [6.9]	22.7 [6.7]	22.4 [6.6]	21.7 [6.4]	
		Sens kBtu/h [kW]	17.0 [5.0]	16.5 [4.8]	15.2 [4.5]	20.1 [5.9]	19.5 [5.7]	18.0 [5.3]	22.7 [6.7]	22.4 [6.6]	21.3 [6.2]	
		Power	3.4	3.4	3.3	3.4	3.4	3.3	3.4	3.4	3.3	
	125°F [51.7°C]	Total kBtu/h [kW]	25.8 [7.6]	25.5 [7.5]	24.7 [7.2]	23.4 [6.9]	23.1 [6.8]	22.4 [6.6]	21.5 [6.3]	21.3 [6.2]	20.6 [6.0]	
		Sens kBtu/h [kW]	16.5 [4.8]	16.0 [4.7]	14.7 [4.3]	19.6 [5.7]	19.0 [5.6]	17.5 [5.1]	21.5 [6.3]	21.3 [6.2]	20.6 [6.0]	
		Power	3.6	3.6	3.6	3.6	3.6	3.5	3.6	3.6	3.5	

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

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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—RGEAYB036

ENTERING INDOOR AIR @ 80°F [26.7°C] dbe												
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]			1350 [637]	1100 [519]	1050 [496]	1350 [637]	1100 [519]	1050 [496]	1350 [637]	1100 [519]	1050 [496]	
DR			.05	.09	.12	.05	.09	.12	.05	.09	.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW]	45.0 [13.2]	43.2 [12.7]	42.8 [12.5]	42.6 [12.5]	40.9 [12.0]	40.5 [11.9]	40.1 [11.8]	38.6 [11.3]	38.2 [11.2]	
		Sens kBtu/h [kW]	26.0 [7.6]	23.5 [6.9]	23.0 [6.7]	30.1 [8.8]	27.2 [8.0]	26.6 [7.8]	34.2 [10.0]	30.9 [9.1]	30.3 [8.9]	
		Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	
	80°F [26.7°C]	Total kBtu/h [kW]	43.7 [12.8]	42.0 [12.3]	41.6 [12.2]	41.3 [12.1]	39.6 [11.6]	39.3 [11.5]	38.9 [11.4]	37.3 [10.9]	37.0 [10.8]	
		Sens kBtu/h [kW]	25.4 [7.4]	22.9 [6.7]	22.5 [6.6]	29.5 [8.6]	26.7 [7.8]	26.1 [7.6]	33.6 [9.8]	30.4 [8.9]	29.7 [8.7]	
		Power	2.5	2.4	2.4	2.5	2.4	2.4	2.5	2.4	2.4	
	85°F [29.4°C]	Total kBtu/h [kW]	42.4 [12.4]	40.7 [11.9]	40.4 [11.8]	40.0 [11.7]	38.4 [11.3]	38.1 [11.2]	37.6 [11.0]	36.1 [10.6]	35.8 [10.5]	
		Sens kBtu/h [kW]	24.8 [7.3]	22.4 [6.6]	21.9 [6.4]	28.9 [8.5]	26.1 [7.6]	25.6 [7.5]	33.0 [9.7]	29.8 [8.7]	29.2 [8.6]	
		Power	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.6	2.5	
	90°F [32.2°C]	Total kBtu/h [kW]	41.2 [12.1]	39.5 [11.6]	39.2 [11.5]	38.8 [11.4]	37.2 [10.9]	36.9 [10.8]	36.4 [10.7]	34.9 [10.2]	34.6 [10.1]	
		Sens kBtu/h [kW]	24.2 [7.1]	21.9 [6.4]	21.4 [6.3]	28.3 [8.3]	25.6 [7.5]	25.0 [7.3]	32.4 [9.5]	29.3 [8.6]	28.6 [8.4]	
		Power	2.8	2.7	2.7	2.8	2.7	2.7	2.8	2.7	2.7	
	95°F [35°C]	Total kBtu/h [kW]	39.9 [11.7]	38.3 [11.2]	38.0 [11.1]	37.5 [11.0]	36.0 [10.6]	35.7 [10.5]	35.1 [10.3]	33.7 [9.9]	33.4 [9.8]	
		Sens kBtu/h [kW]	23.6 [6.9]	21.3 [6.2]	20.9 [6.1]	27.7 [8.1]	25.0 [7.3]	24.5 [7.2]	31.8 [9.3]	28.7 [8.4]	28.1 [8.2]	
		Power	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	
	100°F [37.8°C]	Total kBtu/h [kW]	38.6 [11.3]	37.1 [10.9]	36.8 [10.8]	36.2 [10.6]	34.8 [10.2]	34.5 [10.1]	33.8 [9.9]	32.5 [9.5]	32.2 [9.4]	
		Sens kBtu/h [kW]	23.0 [6.7]	20.8 [6.1]	20.3 [5.9]	27.1 [7.9]	24.5 [7.2]	23.9 [7.0]	31.2 [9.1]	28.2 [8.3]	27.6 [8.1]	
		Power	3.1	3.0	3.0	3.1	3.0	3.0	3.1	3.0	3.0	
	105°F [40.6°C]	Total kBtu/h [kW]	37.4 [11.0]	35.9 [10.5]	35.6 [10.4]	35.0 [10.3]	33.6 [9.8]	33.3 [9.8]	32.6 [9.6]	31.3 [9.2]	31.0 [9.1]	
		Sens kBtu/h [kW]	22.4 [6.6]	20.2 [5.9]	19.8 [5.8]	26.5 [7.8]	23.9 [7.0]	23.4 [6.9]	30.6 [9.0]	27.6 [8.1]	27.0 [7.9]	
		Power	3.3	3.2	3.2	3.3	3.2	3.2	3.3	3.2	3.2	
	110°F [43.3°C]	Total kBtu/h [kW]	36.1 [10.6]	34.7 [10.2]	34.4 [10.1]	33.7 [9.9]	32.4 [9.5]	32.1 [9.4]	31.3 [9.2]	30.0 [8.8]	29.8 [8.7]	
		Sens kBtu/h [kW]	21.8 [6.4]	19.7 [5.8]	19.2 [5.6]	25.9 [7.6]	23.4 [6.9]	22.9 [6.7]	30.0 [8.8]	27.1 [7.9]	26.5 [7.8]	
		Power	3.5	3.4	3.4	3.5	3.4	3.4	3.5	3.4	3.4	
	115°F [46.1°C]	Total kBtu/h [kW]	34.8 [10.2]	33.4 [9.8]	33.2 [9.7]	32.4 [9.5]	31.1 [9.1]	30.9 [9.1]	30.0 [8.8]	28.8 [8.4]	28.6 [8.4]	
		Sens kBtu/h [kW]	21.1 [6.2]	19.1 [5.6]	18.7 [5.5]	25.3 [7.4]	22.8 [6.7]	22.3 [6.5]	29.4 [8.6]	26.5 [7.8]	26.0 [7.6]	
		Power	3.7	3.6	3.6	3.7	3.6	3.6	3.7	3.6	3.6	
	120°F [48.9°C]	Total kBtu/h [kW]	33.6 [9.8]	32.2 [9.4]	32.0 [9.4]	31.2 [9.1]	29.9 [8.8]	29.7 [8.7]	28.8 [8.4]	27.6 [8.1]	27.4 [8.0]	
		Sens kBtu/h [kW]	20.5 [6.0]	18.6 [5.5]	18.2 [5.3]	24.6 [7.2]	22.3 [6.5]	21.8 [6.4]	28.8 [8.4]	26.0 [7.6]	25.4 [7.4]	
		Power	3.9	3.8	3.8	3.9	3.8	3.8	3.9	3.8	3.8	
	125°F [51.7°C]	Total kBtu/h [kW]	32.3 [9.5]	31.0 [9.1]	30.8 [9.0]	29.9 [8.8]	28.7 [8.4]	28.5 [8.4]	27.5 [8.1]	26.4 [7.7]	26.2 [7.7]	
		Sens kBtu/h [kW]	19.9 [5.8]	18.0 [5.3]	17.6 [5.2]	24.0 [7.0]	21.7 [6.4]	21.3 [6.2]	27.5 [8.1]	25.4 [7.4]	24.9 [7.3]	
		Power	4.1	4.0	4.0	4.1	4.0	4.0	4.1	4.0	4.0	

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb
Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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—RGEAYB042

ENTERING INDOOR AIR @ 80°F [26.7°C] dbe												
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]			1575 [743]	1400 [661]	1225 [578]	1575 [743]	1400 [661]	1225 [578]	1575 [743]	1400 [661]	1225 [578]	
DR			.05	.09	.12	.05	.09	.12	.05	.09	.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW]	52.8 [15.5]	51.7 [15.2]	50.5 [14.8]	49.6 [14.5]	48.5 [14.2]	47.4 [13.9]	47.3 [13.9]	46.2 [13.5]	45.2 [13.2]	
		Sens kBtu/h [kW]	29.5 [8.6]	27.9 [8.2]	26.3 [7.7]	33.6 [9.8]	31.7 [9.3]	29.9 [8.8]	38.6 [11.3]	36.5 [10.7]	34.4 [10.1]	
		Power	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.7	2.7	
	80°F [26.7°C]	Total kBtu/h [kW]	51.6 [15.1]	50.5 [14.8]	49.3 [14.4]	48.4 [14.2]	47.3 [13.9]	46.2 [13.5]	46.1 [13.5]	45.0 [13.2]	44.0 [12.9]	
		Sens kBtu/h [kW]	29.3 [8.6]	27.7 [8.1]	26.1 [7.6]	33.4 [9.8]	31.5 [9.2]	29.7 [8.7]	38.4 [11.3]	36.3 [10.6]	34.2 [10.0]	
		Power	2.9	2.9	2.8	2.9	2.9	2.9	2.9	2.9	2.9	
	85°F [29.4°C]	Total kBtu/h [kW]	50.3 [14.7]	49.2 [14.4]	48.1 [14.1]	47.1 [13.8]	46.1 [13.5]	45.0 [13.2]	44.8 [13.1]	43.8 [12.8]	42.8 [12.5]	
		Sens kBtu/h [kW]	29.1 [8.5]	27.5 [8.1]	25.9 [7.6]	33.1 [9.7]	31.3 [9.2]	29.5 [8.6]	38.2 [11.2]	36.0 [10.6]	33.9 [9.9]	
		Power	3.1	3.1	3.0	3.1	3.1	3.0	3.1	3.1	3.0	
	90°F [32.2°C]	Total kBtu/h [kW]	49.0 [14.4]	48.0 [14.1]	46.9 [13.7]	45.8 [13.4]	44.8 [13.1]	43.8 [12.8]	43.5 [12.7]	42.5 [12.5]	41.6 [12.2]	
		Sens kBtu/h [kW]	28.8 [8.4]	27.2 [8.0]	25.6 [7.5]	32.8 [9.6]	31.0 [9.1]	29.2 [8.6]	37.9 [11.1]	35.8 [10.5]	33.7 [9.9]	
		Power	3.3	3.2	3.2	3.3	3.3	3.2	3.3	3.3	3.2	
	95°F [35°C]	Total kBtu/h [kW]	47.7 [14.0]	46.6 [13.7]	45.6 [13.4]	44.5 [13.0]	43.5 [12.7]	42.5 [12.5]	42.2 [12.4]	41.2 [12.1]	40.3 [11.8]	
		Sens kBtu/h [kW]	28.4 [8.3]	26.9 [7.9]	25.3 [7.4]	32.5 [9.5]	30.7 [9.0]	28.9 [8.5]	37.5 [11]	35.5 [10.4]	33.4 [9.8]	
		Power	3.5	3.4	3.4	3.5	3.4	3.4	3.5	3.4	3.4	
	100°F [37.8°C]	Total kBtu/h [kW]	46.3 [13.6]	45.3 [13.3]	44.3 [13.0]	43.1 [12.6]	42.1 [12.3]	41.2 [12.1]	40.8 [12.0]	39.9 [11.7]	39.0 [11.4]	
		Sens kBtu/h [kW]	28.1 [8.2]	26.5 [7.8]	25.0 [7.3]	32.1 [9.4]	30.4 [8.9]	28.6 [8.4]	37.2 [10.9]	35.1 [10.3]	33.1 [9.7]	
		Power	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.6	3.6	
	105°F [40.6°C]	Total kBtu/h [kW]	44.9 [13.2]	43.9 [12.9]	42.9 [12.6]	41.7 [12.2]	40.7 [11.9]	39.8 [11.7]	39.3 [11.5]	38.5 [11.3]	37.6 [11.0]	
		Sens kBtu/h [kW]	27.6 [8.1]	26.1 [7.6]	24.6 [7.2]	31.7 [9.3]	30.0 [8.8]	28.2 [8.3]	36.7 [10.8]	34.7 [10.2]	32.7 [9.6]	
		Power	3.8	3.8	3.7	3.8	3.8	3.7	3.8	3.8	3.7	
	110°F [43.3°C]	Total kBtu/h [kW]	43.4 [12.7]	42.5 [12.5]	41.5 [12.2]	40.2 [11.8]	39.3 [11.5]	38.4 [11.3]	37.9 [11.1]	37.0 [10.8]	36.2 [10.6]	
		Sens kBtu/h [kW]	27.2 [8.0]	25.7 [7.5]	24.2 [7.1]	31.3 [9.2]	29.5 [8.6]	27.8 [8.1]	36.3 [10.6]	34.3 [10.1]	32.3 [9.5]	
		Power	4.0	3.9	3.9	4.0	4.0	3.9	4.0	4.0	3.9	
	115°F [46.1°C]	Total kBtu/h [kW]	41.9 [12.3]	41.0 [12.0]	40.1 [11.8]	38.7 [11.3]	37.9 [11.1]	37.0 [10.8]	36.4 [10.7]	35.6 [10.4]	34.8 [10.2]	
		Sens kBtu/h [kW]	26.7 [7.8]	25.2 [7.4]	23.7 [6.9]	30.8 [9.0]	29.1 [8.5]	27.4 [8.0]	35.8 [10.5]	33.8 [9.9]	31.8 [9.3]	
		Power	4.2	4.1	4.1	4.2	4.1	4.1	4.2	4.1	4.1	
	120°F [48.9°C]	Total kBtu/h [kW]	40.4 [11.8]	39.5 [11.6]	38.6 [11.3]	37.2 [10.9]	36.3 [10.6]	35.5 [10.4]	34.8 [10.2]	34.1 [10.0]	33.3 [9.8]	
		Sens kBtu/h [kW]	26.2 [7.7]	24.7 [7.2]	23.3 [6.8]	30.2 [8.9]	28.6 [8.4]	26.9 [7.9]	34.8 [10.2]	33.3 [9.8]	31.4 [9.2]	
		Power	4.3	4.3	4.3	4.4	4.3	4.3	4.4	4.3	4.3	
	125°F [51.7°C]	Total kBtu/h [kW]	38.8 [11.4]	38.0 [11.1]	37.1 [10.9]	35.6 [10.4]	34.8 [10.2]	34.0 [10.0]	33.3 [9.8]	32.5 [9.5]	31.8 [9.3]	
		Sens kBtu/h [kW]	25.6 [7.5]	24.2 [7.1]	22.8 [6.7]	29.7 [8.7]	28.0 [8.2]	26.4 [7.7]	33.3 [9.8]	32.5 [9.5]	30.9 [9.1]	
		Power	4.5	4.5	4.4	4.5	4.5	4.4	4.6	4.5	4.5	

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

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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—RGEAYB048

ENTERING INDOOR AIR @ 80°F [26.7°C] dbe												
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]			1800 [850]	1550 [732]	1400 [661]	1800 [850]	1550 [732]	1400 [661]	1800 [850]	1550 [732]	1400 [661]	
DR			.05	.09	.12	.05	.09	.12	.05	.09	.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW]	59.4 [17.4]	57.7 [16.9]	56.7 [16.6]	57.9 [17.0]	56.2 [16.5]	55.2 [16.2]	53.3 [15.6]	51.8 [15.2]	50.8 [14.9]	
		Sens kBtu/h [kW]	39.5 [11.6]	36.8 [10.8]	35.1 [10.3]	41.6 [12.2]	38.7 [11.3]	37.0 [10.8]	49.8 [14.6]	46.3 [13.6]	44.2 [13.0]	
		Power	3.6	3.5	3.5	3.6	3.5	3.5	3.6	3.5	3.5	
	80°F [26.7°C]	Total kBtu/h [kW]	58.1 [17.0]	56.4 [16.5]	55.5 [16.3]	56.6 [16.6]	55.0 [16.1]	54.0 [15.8]	52.0 [15.2]	50.5 [14.8]	49.6 [14.5]	
		Sens kBtu/h [kW]	38.3 [11.2]	35.6 [10.4]	34.0 [10.0]	40.4 [11.8]	37.6 [11.0]	35.9 [10.5]	48.6 [14.2]	45.2 [13.2]	43.1 [12.6]	
		Power	3.7	3.6	3.6	3.7	3.6	3.6	3.7	3.6	3.6	
	85°F [29.4°C]	Total kBtu/h [kW]	56.7 [16.6]	55.1 [16.1]	54.1 [15.9]	55.2 [16.2]	53.6 [15.7]	52.7 [15.4]	50.6 [14.8]	49.2 [14.4]	48.3 [14.2]	
		Sens kBtu/h [kW]	37.2 [10.9]	34.6 [10.1]	33.1 [9.7]	39.3 [11.5]	36.6 [10.7]	34.9 [10.2]	47.5 [13.9]	44.2 [13.0]	42.2 [12.4]	
		Power	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	
	90°F [32.2°C]	Total kBtu/h [kW]	55.3 [16.2]	53.7 [15.7]	52.7 [15.4]	53.7 [15.7]	52.2 [15.3]	51.3 [15.0]	49.1 [14.4]	47.7 [14.0]	46.9 [13.7]	
		Sens kBtu/h [kW]	36.2 [10.6]	33.7 [9.9]	32.2 [9.4]	38.3 [11.2]	35.7 [10.5]	34.0 [10.0]	46.5 [13.6]	43.2 [12.7]	41.3 [12.1]	
		Power	4.0	4	3.9	4.0	4.0	3.9	4.0	3.9	3.9	
	95°F [35°C]	Total kBtu/h [kW]	53.7 [15.7]	52.2 [15.3]	51.2 [15.0]	52.2 [15.3]	50.7 [14.9]	49.8 [14.6]	47.6 [14.0]	46.2 [13.5]	45.4 [13.3]	
		Sens kBtu/h [kW]	35.4 [10.4]	32.9 [9.6]	31.4 [9.2]	37.5 [11.0]	34.8 [10.2]	33.3 [9.8]	45.6 [13.4]	42.4 [12.4]	40.5 [11.9]	
		Power	4.2	4.2	4.1	4.2	4.1	4.1	4.2	4.1	4.1	
	100°F [37.8°C]	Total kBtu/h [kW]	52.0 [15.2]	50.5 [14.8]	49.7 [14.6]	50.5 [14.8]	49.1 [14.4]	48.2 [14.1]	45.9 [13.5]	44.6 [13.1]	43.8 [12.8]	
		Sens kBtu/h [kW]	34.6 [10.1]	32.2 [9.4]	30.7 [9.0]	36.7 [10.8]	34.1 [10.0]	32.6 [9.6]	44.8 [13.1]	41.7 [12.2]	39.8 [11.7]	
		Power	4.4	4.4	4.3	4.4	4.4	4.3	4.4	4.4	4.3	
	105°F [40.6°C]	Total kBtu/h [kW]	50.3 [14.7]	48.8 [14.3]	48.0 [14.1]	48.7 [14.3]	47.4 [13.9]	46.5 [13.6]	44.2 [13.0]	42.9 [12.6]	42.2 [12.4]	
		Sens kBtu/h [kW]	33.9 [9.9]	31.5 [9.2]	30.1 [8.8]	36.0 [10.6]	33.5 [9.8]	32.0 [9.4]	44.1 [12.9]	41.1 [12.0]	39.2 [11.5]	
		Power	4.7	4.6	4.6	4.7	4.6	4.6	4.7	4.6	4.5	
	110°F [43.3°C]	Total kBtu/h [kW]	48.4 [14.2]	47.1 [13.8]	46.2 [13.5]	46.9 [13.7]	45.6 [13.4]	44.8 [13.1]	42.3 [12.4]	41.1 [12.0]	40.4 [11.8]	
		Sens kBtu/h [kW]	33.3 [9.8]	31.0 [9.1]	29.6 [8.7]	35.4 [10.4]	32.9 [9.6]	31.5 [9.2]	42.3 [12.4]	40.5 [11.9]	38.7 [11.3]	
		Power	4.9	4.9	4.8	4.9	4.8	4.8	4.9	4.8	4.8	
	115°F [46.1°C]	Total kBtu/h [kW]	46.5 [13.6]	45.2 [13.2]	44.4 [13.0]	45.0 [13.2]	43.7 [12.8]	42.9 [12.6]	40.4 [11.8]	39.2 [11.5]	38.5 [11.3]	
		Sens kBtu/h [kW]	32.9 [9.6]	30.6 [9.0]	29.2 [8.6]	34.9 [10.2]	32.5 [9.5]	31.0 [9.1]	40.4 [11.8]	39.2 [11.5]	38.3 [11.2]	
		Power	5.2	5.1	5.1	5.2	5.1	5.1	5.2	5.1	5.1	
	120°F [48.9°C]	Total kBtu/h [kW]	44.5 [13.0]	43.2 [12.7]	42.4 [12.4]	42.9 [12.6]	41.7 [12.2]	41.0 [12.0]	38.4 [11.3]	37.3 [10.9]	36.6 [10.7]	
		Sens kBtu/h [kW]	32.5 [9.5]	30.2 [8.9]	28.8 [8.4]	34.6 [10.1]	32.2 [9.4]	30.7 [9.0]	38.4 [11.3]	37.3 [10.9]	36.6 [10.7]	
		Power	5.5	5.4	5.4	5.5	5.4	5.4	5.5	5.4	5.4	
	125°F [51.7°C]	Total kBtu/h [kW]	42.3 [12.4]	41.1 [12.0]	40.4 [11.8]	40.8 [12.0]	39.7 [11.6]	39.0 [11.4]	36.2 [10.6]	35.2 [10.3]	34.6 [10.1]	
		Sens kBtu/h [kW]	32.2 [9.4]	30.0 [8.8]	28.6 [8.4]	34.3 [10.1]	31.9 [9.3]	30.5 [8.9]	36.2 [10.6]	35.2 [10.3]	34.6 [10.1]	
		Power	5.8	5.8	5.7	5.8	5.7	5.7	5.8	5.7	5.7	

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb
Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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—RGEAYB060

ENTERING INDOOR AIR @ 80°F [26.7°C] dbe												
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]			2250 [1062]	1750 [826]	1750 [826]	2250 [1062]	1750 [826]	1750 [826]	2250 [1062]	1750 [826]	1750 [826]	
DR			.05	.09	.12	.05	.09	.12	.05	.09	.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW]	76.1 [22.3]	72.3 [21.2]	72.3 [21.2]	71.4 [20.9]	67.9 [19.9]	67.9 [19.9]	66.7 [19.5]	63.4 [18.6]	63.4 [18.6]	
		Sens kBtu/h [kW]	44.3 [13.0]	39.1 [11.5]	39.1 [11.5]	52.0 [15.2]	45.8 [13.4]	45.8 [13.4]	59.6 [17.5]	52.6 [15.4]	52.6 [15.4]	
		Power	4.5	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2	
	80°F [26.7°C]	Total kBtu/h [kW]	74.1 [21.7]	70.5 [20.7]	70.5 [20.7]	69.5 [20.4]	66.0 [19.3]	66.0 [19.3]	64.8 [19.0]	61.6 [18.1]	61.6 [18.1]	
		Sens kBtu/h [kW]	43.1 [12.6]	38.1 [11.2]	38.1 [11.2]	50.8 [14.9]	44.8 [13.1]	44.8 [13.1]	58.4 [17.1]	51.6 [15.1]	51.6 [15.1]	
		Power	4.7	4.6	4.6	4.7	4.6	4.6	4.6	4.5	4.5	
	85°F [29.4°C]	Total kBtu/h [kW]	72.2 [21.2]	68.6 [20.1]	68.6 [20.1]	67.5 [19.8]	64.2 [18.8]	64.2 [18.8]	62.8 [18.4]	59.7 [17.5]	59.7 [17.5]	
		Sens kBtu/h [kW]	42.0 [12.3]	37.1 [10.9]	37.1 [10.9]	49.7 [14.6]	43.8 [12.8]	43.8 [12.8]	57.3 [16.8]	50.6 [14.8]	50.6 [14.8]	
		Power	5.0	4.8	4.8	4.9	4.8	4.8	4.8	4.7	4.7	
	90°F [32.2°C]	Total kBtu/h [kW]	70.3 [20.6]	66.8 [19.6]	66.8 [19.6]	65.6 [19.2]	62.3 [18.3]	62.3 [18.3]	60.9 [17.8]	57.9 [17.0]	57.9 [17.0]	
		Sens kBtu/h [kW]	40.9 [12.0]	36.1 [10.6]	36.1 [10.6]	48.6 [14.2]	42.9 [12.6]	42.9 [12.6]	56.2 [16.5]	49.6 [14.5]	49.6 [14.5]	
		Power	5.2	5.1	5.1	5.2	5.0	5.0	5.1	4.9	4.9	
	95°F [35°C]	Total kBtu/h [kW]	68.3 [20.0]	64.9 [19.0]	64.9 [19.0]	63.6 [18.6]	60.5 [17.7]	60.5 [17.7]	58.9 [17.3]	56.0 [16.4]	56.0 [16.4]	
		Sens kBtu/h [kW]	39.9 [11.7]	35.2 [10.3]	35.2 [10.3]	47.6 [14.0]	42.0 [12.3]	42.0 [12.3]	55.2 [16.2]	48.7 [14.3]	48.7 [14.3]	
		Power	5.5	5.3	5.3	5.4	5.3	5.3	5.3	5.2	5.2	
	100°F [37.8°C]	Total kBtu/h [kW]	66.4 [19.5]	63.1 [18.5]	63.1 [18.5]	61.7 [18.1]	58.6 [17.2]	58.6 [17.2]	57.0 [16.7]	54.2 [15.9]	54.2 [15.9]	
		Sens kBtu/h [kW]	38.9 [11.4]	34.3 [10.1]	34.3 [10.1]	46.5 [13.6]	41.1 [12.0]	41.1 [12.0]	54.2 [15.9]	47.8 [1.04]	47.8 [14.0]	
		Power	5.7	5.6	5.6	5.7	5.5	5.5	5.6	5.4	5.4	
	105°F [40.6°C]	Total kBtu/h [kW]	64.4 [18.9]	61.2 [17.9]	61.2 [17.9]	59.7 [17.5]	56.8 [16.6]	56.8 [16.6]	55.0 [16.1]	52.3 [15.3]	52.3 [15.3]	
		Sens kBtu/h [kW]	37.9 [11.1]	33.4 [9.8]	33.4 [9.8]	45.6 [13.4]	40.2 [11.8]	40.2 [11.8]	53.2 [15.6]	46.9 [13.7]	46.9 [13.7]	
		Power	5.9	5.8	5.8	5.9	5.8	5.8	5.8	5.7	5.7	
	110°F [43.3°C]	Total kBtu/h [kW]	62.5 [18.3]	59.4 [17.4]	59.4 [17.4]	57.8 [16.9]	54.9 [16.1]	54.9 [16.1]	53.1 [15.6]	50.5 [14.8]	50.5 [14.8]	
		Sens kBtu/h [kW]	37.0 [10.8]	32.6 [9.6]	32.6 [9.6]	44.6 [13.1]	39.4 [11.5]	39.4 [11.5]	52.3 [15.3]	46.1 [13.5]	46.1 [13.5]	
		Power	6.2	6.0	6.0	6.1	6.0	6.0	6.0	5.9	5.9	
	115°F [46.1°C]	Total kBtu/h [kW]	60.5 [17.7]	57.5 [16.9]	57.5 [16.9]	55.8 [16.4]	53.1 [15.6]	53.1 [15.6]	51.1 [15.0]	48.6 [14.2]	48.6 [14.2]	
		Sens kBtu/h [kW]	36.1 [10.6]	31.8 [9.3]	31.8 [9.3]	43.7 [12.8]	38.6 [11.3]	38.6 [11.3]	51.1 [15.0]	45.3 [13.3]	45.3 [13.3]	
		Power	6.4	6.3	6.3	6.4	6.2	6.2	6.3	6.1	6.1	
	120°F [48.9°C]	Total kBtu/h [kW]	58.6 [17.2]	55.7 [16.3]	55.7 [16.3]	53.9 [15.8]	51.2 [15.0]	51.2 [15.0]	49.2 [14.4]	46.8 [13.7]	46.8 [13.7]	
		Sens kBtu/h [kW]	35.2 [10.3]	31.1 [9.1]	31.1 [9.1]	42.9 [12.6]	37.8 [11.1]	37.8 [11.1]	49.2 [14.4]	44.6 [13.1]	44.6 [13.1]	
		Power	6.7	6.5	6.5	6.6	6.5	6.5	6.5	6.4	6.4	
	125°F [51.7°C]	Total kBtu/h [kW]	56.6 [16.6]	53.8 [15.8]	53.8 [15.8]	51.9 [15.2]	49.4 [14.5]	49.4 [14.5]	47.2 [13.8]	44.9 [13.2]	44.9 [13.2]	
		Sens kBtu/h [kW]	34.4 [10.1]	30.3 [8.9]	30.3 [8.9]	42.0 [12.3]	37.1 [10.9]	37.1 [10.9]	47.2 [13.8]	43.8 [12.8]	43.8 [12.8]	
		Power	6.9	6.7	6.7	6.9	6.7	6.7	6.8	6.6	6.6	

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

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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

INDOOR AIRFLOW PERFORMANCE RGEAYB (208/230V, 1-PHASE) 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 Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
2.0 [7.03]	Tap 3			700 CFM / 900 CFM	10X9 Blower 1/3 HP [249] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	717	580	499	440	378	295	246	219	172	
							RPM	589	622	695	746	804	852	894	936	977	
							Watts	68	64	71	75	80	85	87	92	95	
		Tap 2	40,000 [11.72]			Tap 2 - 40K	CFM	874	825	771	703	590	553	511	451	398	347
							RPM	671	721	774	842	888	921	959	1016	1057	1092
							Watts	105	112	119	128	134	138	143	150	156	160
		Tap 2	60,000 [17.58]			Tap 2 - 60K	CFM	971	920	875	826	757	707	667	630	588	530
							RPM	725	771	813	866	930	966	996	1032	1077	1126
							Watts	134	142	148	157	166	172	177	182	189	197
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1274	1239	1208	1168	1138	1098	1024	865	796	713
							RPM	882	922	953	989	1027	1066	1101	1131	1138	1149
							Watts	268	277	285	295	303	313	312	285	272	253
						Tap 3 - Low Static Cool	CFM	874	825	771	703	590	553	511	451	398	347
							RPM	671	721	774	842	888	921	959	1016	1057	1092
							Watts	105	112	119	128	134	138	143	150	156	160
						Tap 4 - Med Static Cool *	CFM	1037	1000	957	905	838	776	738	701	668	616
							RPM	757	796	839	886	949	994	1026	1057	1089	1128
							Watts	156	163	171	178	190	197	204	207	214	217
						Tap 5 - High Static Cool	CFM	1274	1239	1208	1168	1138	1098	1024	865	796	713
							RPM	882	922	953	989	1027	1066	1101	1131	1138	1149
							Watts	268	277	285	295	303	313	312	285	272	253

NOTES: 1. FOR CONSTANT TORQUE MOTORS: Use motor taps 3-5 to achieve rated airflow at AHRI minimum external static pressure.
(a) Use * marked tap for AHRI 210/240-2023
2. Grayed out portions not recommended for use in field

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

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEAYB (208/230V, 1 & 3-PHASE) 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 Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
2.5 [8.79]	Tap 3			875 CFM / 1125 CFM	10X9 Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	929	889	845	790	719	676	636	589	530	479
							RPM	706	750	794	850	910	943	977	1010	1076	1109
							Watts	123	130	136	145	154	159	163	169	179	185
		Tap 2	40,000 [11.72]			Tap 2 - 40K	CFM	891	850	795	730	672	627	584	528	463	413
							RPM	685	729	782	844	890	927	961	1017	1065	1091
							Watts	111	117	124	134	140	147	149	157	165	167
		Tap 2	60,000 [17.58]			Tap 2 - 60K	CFM	980	930	891	840	764	717	676	646	602	536
							RPM	731	775	814	866	935	970	1002	1030	1076	1131
							Watts	138	144	149	159	171	175	181	185	193	202
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1197	1160	1130	1091	1052	1011	965	876	796	711
							RPM	853	890	923	961	996	1043	1092	1134	1150	1160
							Watts	229	238	246	253	262	275	286	289	278	259
						Tap 3 - Low Static Cool	CFM	980	930	891	840	764	717	676	646	602	536
							RPM	731	775	814	866	935	970	1002	1030	1076	1131
							Watts	138	144	149	159	171	175	181	185	193	202
						Tap 4 - Med Static Cool *	CFM	1212	1178	1144	1103	1064	1018	966	912	829	734
							RPM	856	897	935	967	1011	1054	1102	1136	1151	1160
							Watts	235	244	253	260	271	280	291	293	279	261
						Tap 5 - High Static Cool	CFM	1549	1522	1463	1404	1339	1270	1161	970	857	769
							RPM	1044	1074	1099	1113	1124	1134	1147	1162	1167	1174
							Watts	464	472	467	452	432	411	378	325	298	281
3.0 [10.55]	Tap 3			1050 CFM / 1350 CFM	12x9T Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	977	915	833	764	700	557	475	398	338	295
							RPM	609	649	709	766	806	846	880	901	911	934
							Watts	115	118	130	141	147	154	159	164	165	167
		Tap 2	60,000 [17.58]			Tap 2 - 60K	CFM	1058	1020	963	885	831	765	682	586	526	445
							RPM	646	680	725	795	832	875	912	953	970	988
							Watts	140	145	156	170	176	185	191	201	204	207
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1347	1314	1279	1245	1198	1128	1083	1038	985	923
							RPM	773	809	837	870	907	955	989	1037	1069	1107
							Watts	255	270	276	287	297	313	320	335	344	356
		Tap 2	100,000 [29.31]			Tap 2 - 100K	CFM	1286	1250	1215	1178	1102	1041	983	936	877	832
							RPM	760	791	823	857	908	950	983	1012	1045	1066
							Watts	237	246	254	264	275	290	300	307	316	323
						Tap 3 - Low Static Cool	CFM	1336	1297	1264	1225	1188	1105	1043	984	931	867
							RPM	771	804	837	866	897	952	988	1022	1056	1083
							Watts	249	259	271	278	285	300	315	319	328	337
						Tap 4 - Med Static Cool *	CFM	1486	1449	1418	1386	1351	1311	1240	1189	1135	1098
							RPM	840	874	902	930	958	988	1036	1069	1100	1130
							Watts	332	344	353	364	374	384	398	412	422	433
						Tap 5 - High Static Cool	CFM	1517	1493	1465	1429	1401	1364	1294	1249	1203	1148
							RPM	868	893	922	947	973	1003	1052	1088	1113	1145
							Watts	362	371	380	391	400	411	430	443	453	462

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEAYB (208/230V, 1 & 3-PHASE) CONSTANT TORQUE MOTOR (CON'T.)

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 Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
3.5 [12.31]	Tap 3			1225 CFM / 1575 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	992	903	804	723	629	525	455	375	333	296
							RPM	589	622	680	725	761	814	837	855	883	915
							Watts	106	110	119	127	132	141	145	146	152	157
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1440	1390	1354	1309	1257	1194	1136	1040	987	923
							RPM	767	801	828	861	896	937	973	1021	1047	1073
							Watts	266	276	283	292	304	317	327	342	350	360
		Tap 2	100,000 [29.31]			Tap 2 - 100K	CFM	1465	1414	1370	1334	1290	1228	1164	1100	1032	978
							RPM	775	810	841	869	899	938	974	1011	1048	1074
							Watts	277	287	297	305	314	327	337	349	362	371
						Tap 3 - Low Static Cool *	CFM	1557	1517	1475	1436	1398	1352	1306	1245	1178	1119
							RPM	821	849	882	908	936	966	997	1033	1068	1102
							Watts	330	339	350	360	370	381	390	403	415	428
						Tap 4 - Med Static Cool	CFM	1703	1659	1624	1589	1549	1508	1469	1424	1351	1263
							RPM	870	900	926	952	979	1009	1033	1062	1102	1121
							Watts	407	418	430	439	451	462	472	483	497	484
						Tap 5 - High Static Cool	CFM	1832	1807	1775	1740	1704	1672	1639	1583	1505	1348
							RPM	940	961	984	1009	1033	1061	1083	1103	1119	1136
							Watts	519	530	540	552	562	577	586	583	570	531
4.0 [14.07]	Tap 3 - Low Stage Tap 4 - High Stage			1400 CFM / 1800 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	1013	866	781	695	561	493	427	371	322	268
							RPM	116	104	108	116	120	125	130	134	140	144
							Watts	590	597	644	689	720	755	785	816	847	875
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1349	1306	1264	1220	1169	1108	1046	990	938	883
							RPM	733	766	791	820	848	882	913	937	964	999
							Watts	232	241	248	256	264	273	281	288	296	306
		Tap 2	100,000 [29.31]			Tap 2 - 100K	CFM	1416	1383	1340	1293	1253	1201	1141	1080	1015	977
							RPM	764	790	819	847	873	902	936	963	990	1012
							Watts	266	273	282	291	298	307	317	324	333	340
						Tap 3 - Low Static Cool	CFM	1354	1316	1273	1229	1179	1121	1062	997	954	891
							RPM	745	773	802	826	856	888	919	945	968	1007
							Watts	239	247	255	260	270	280	287	295	301	312
						Tap 4 - Med Static Cool	CFM	1769	1734	1706	1665	1634	1595	1560	1526	1481	1444
							RPM	903	931	953	980	999	1028	1048	1071	1094	1117
							Watts	468	481	490	500	511	524	532	543	554	566
						Tap 5 - High Static Cool *	CFM	1966	1938	1916	1882	1855	1822	1803	1778	1739	1700
							RPM	1003	1027	1047	1070	1091	1115	1128	1150	1172	1195
							Watts	657	670	682	695	707	721	730	742	756	769

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEAYB (208/230V, 1 & 3-PHASE) CONSTANT TORQUE MOTOR (CON'T.)

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 Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
5.0 [17.59]	Tap 3 - Low Stage Tap 4 - High Stage			1750 CFM / 2250 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	999	856	786	694	575	502	428	379	331	280
							RPM	590	599	640	681	715	752	789	814	847	871
							Watts	116	104	108	114	120	125	131	135	140	145
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1373	1328	1291	1244	1197	1144	1088	1032	978	931
							RPM	742	773	804	833	862	895	926	953	977	1001
							Watts	247	255	264	273	281	291	300	308	315	323
		Tap 2	100,000 [29.31]			Tap 2 - 100K	CFM	1438	1392	1356	1318	1273	1223	1172	1115	1056	1009
							RPM	772	801	832	856	883	915	945	975	1000	1026
							Watts	278	288	297	306	313	324	334	343	351	359
						Tap 3 - Low Stage Cool	CFM	1419	1381	1350	1301	1256	1207	1140	1086	1035	977
							RPM	763	791	817	847	876	909	943	970	995	1020
							Watts	268	277	285	295	304	314	323	332	340	348
						Tap 4 - High Stage Cool * Med Static	CFM	1938	1904	1873	1841	1813	1811	1754	1726	1694	1661
							RPM	976	1002	1019	1043	1063	1065	1107	1130	1159	1180
							Watts	622	638	645	657	669	670	693	707	725	737
						Tap 5 - High Stage Cool High Static	CFM	2138	2106	2084	2050	2025	1990	1963	1943	1914	1891
							RPM	1057	1075	1094	1117	1134	1162	1186	1206	1229	1245
							Watts	823	833	848	860	873	891	908	924	941	953

NOTES: 1. FOR CONSTANT TORQUE MOTORS: Use motor taps 3-5 to achieve rated airflow at AHRI minimum external static pressure.
(a) Use * marked tap for AHRI 210/240-2023
2. Grayed out portions not recommended for use in field

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

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEAYB (460V, 3-PHASE) 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 Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
3.0 [10.55]	Tap 3			1050 CFM / 1350 CFM	12x9T Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	940	888	807	746	669	576	495	416	349	323
							RPM	594	633	701	748	800	836	876	901	914	948
							Watts	114	120	133	142	151	158	166	170	172	176
		Tap 2	60,000 [17.58]			Tap 2 - 60K	CFM	713	572	640	783	847	913	955	1038	1079	1102
							RPM	678	708	742	810	847	896	929	1005	1029	963
							Watts	172	179	188	205	212	226	234	253	260	243
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1258	1233	1207	1174	1101	1052	1016	948	897	829
							RPM	754	781	811	844	898	935	974	1016	1049	1086
							Watts	240	250	259	269	285	297	310	322	333	345
		Tap 2	100,000 [29.31]			Tap 2 - 100K	CFM	1287	1253	1199	1127	1076	1019	959	899	861	794
							RPM	789	821	857	911	945	978	1008	1036	1066	1101
							Watts	242	250	260	275	285	292	301	309	317	324
						Tap 3 - Low Static Cool *	CFM	1285	1271	1247	1213	1159	1100	1041	991	941	892
							RPM	770	794	827	857	903	947	986	1019	1050	1080
							Watts	259	266	278	287	303	317	330	340	350	360
						Tap 4 - Med Static Cool	CFM	1422	1414	1396	1370	1340	1303	1244	1183	1129	1086
							RPM	841	860	884	914	940	970	1018	1060	1093	1122
							Watts	342	349	359	370	380	392	410	426	440	452
						Tap 5 - High Static Cool	CFM	1467	1459	1441	1414	1383	1354	1315	1244	1187	1125
							RPM	865	880	905	932	958	985	1016	1068	1108	1138
							Watts	370	376	388	399	409	420	433	455	470	480
4.0 [14.07]	Tap 3			1400 CFM / 1800 CFM	12 x 9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	988	844	750	677	546	482	421	358	309	260
							RPM	584	593	636	670	714	746	776	810	836	865
							Watts	100	106	110	116	123	129	134	139	143	147
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1352	1317	1277	1229	1177	1122	1059	1009	961	909
							RPM	742	770	798	828	859	893	923	947	972	1007
							Watts	251	259	269	279	288	299	308	316	326	336
		Tap 2	100,000 [29.31]			Tap 2 - 100K	CFM	1413	1381	1337	1293	1244	1196	1132	1082	1034	991
							RPM	770	798	830	858	882	911	945	969	995	1020
							Watts	282	292	302	313	320	330	341	350	359	368
						Tap 3 - Low Static Cool	CFM	1359	1322	1277	1232	1179	1123	1065	1021	964	918
							RPM	748	779	809	838	869	903	928	947	975	1008
							Watts	255	266	276	284	295	305	313	319	329	338
						Tap 4 - Med Static Cool *	CFM	1751	1717	1680	1645	1610	1581	1534	1494	1449	1408
							RPM	901	925	951	976	1001	1024	1050	1075	1105	1128
							Watts	481	495	507	517	530	542	557	567	582	594
						Tap 5 - High Static Cool	CFM	1942	1913	1884	1850	1824	1790	1759	1725	1682	1640
							RPM	991	1012	1033	1054	1075	1098	1119	1142	1163	1187
							Watts	654	669	680	693	706	717	728	743	753	765

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEAYB (460V, 3-PHASE) 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 Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
5.0 [17.59]	Tap 3 - Low Stage Tap 4 - High Stage			1750 CFM / 2250 CFM	12 x 9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	984	831	758	674	531	468	409	354	295	258
							RPM	582	595	635	678	720	753	780	810	842	873
							Watts	117	104	110	116	123	128	133	137	142	146
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1361	1319	1287	1242	1190	1131	1081	1023	973	921
							RPM	743	771	799	833	865	900	928	953	982	1015
							Watts	257	266	276	286	297	308	317	325	333	344
		Tap 2	100,000 [29.31]			Tap 2 - 100K	CFM	1407	1365	1335	1294	1247	1189	1131	1081	1034	981
							RPM	761	790	817	845	879	912	946	970	994	1031
							Watts	278	289	299	308	319	330	342	350	360	369
						Tap 3 - Low Stage Cool	CFM	1407	1365	1335	1294	1247	1189	1131	1081	1034	981
							RPM	761	790	817	845	879	912	946	970	994	1031
							Watts	278	289	299	308	319	330	342	350	360	369
						Tap 4 - High Stage Cool* Med Static	CFM	1947	1918	1881	1858	1828	1794	1760	1732	1689	1655
							RPM	981	1003	1025	1047	1069	1093	1114	1136	1157	1178
							Watts	657	672	684	696	708	723	733	745	756	770
						Tap 5 - High Stage Cool High Static	CFM	2137	2104	2078	2051	2014	1983	1954	1926	1894	1855
							RPM	1067	1083	1097	1122	1138	1164	1182	1198	1215	1237
							Watts	876	889	898	912	924	936	947	957	968	978

NOTES: 1. FOR CONSTANT TORQUE MOTORS: Use motor taps 3-5 to achieve rated airflow at AHRI minimum external static pressure.
(a) Use * marked tap for AHRI 210/240-2023
2. Grayed out portions not recommended for use in field

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

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEAYB ULN (208/230V, 1-PHASE) 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 Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
2.0 [7.03]	Tap 3			700 CFM / 900 CFM	10X9 Blower 1/3 HP [249] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	890	842	788	736	660	623	579	521	462	408
							RPM	680	729	783	835	895	926	967	1021	1062	1098
							Watts	111	118	124	132	140	144	150	157	162	167
		Tap 2	40,000 [11.72]			Tap 2 - 40K	CFM	744	686	553	502	454	399	324	276	240	212
							RPM	601	658	737	778	822	882	921	957	1000	1046
							Watts	74	80	88	92	97	103	106	110	115	119
		Tap 2	60,000 [17.58]			Tap 2 - 60K	CFM	880	839	784	713	650	578	530	469	423	375
							RPM	674	718	775	841	888	920	960	1015	1052	1089
							Watts	108	114	121	130	137	141	147	153	158	163
						Tap 3 - Low Static Cool	CFM	874	825	771	703	590	553	511	451	398	347
							RPM	671	721	774	842	888	921	959	1016	1057	1092
							Watts	105	112	119	128	134	138	143	150	156	160
						Tap 4 - Med Static Cool *	CFM	1037	1000	957	905	838	776	738	701	668	616
							RPM	757	796	839	886	949	994	1026	1057	1089	1128
							Watts	156	163	171	178	190	197	204	207	214	217
						Tap 5 - High Static Cool	CFM	1274	1239	1208	1168	1138	1098	1024	865	796	713
							RPM	882	922	953	989	1027	1066	1101	1131	1138	1149
							Watts	268	277	285	295	303	313	312	285	272	253

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEAYB ULN (208/230V, 1 & 3-PHASE) 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 Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
2.5 [8.79]	Tap 3			875 CFM / 1125 CFM	10X9 Blower 1/2 HP [372] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	944	895	852	801	716	669	633	585	546	498
							RPM	715	760	805	855	923	964	993	1031	1085	1118
							Watts	128	135	141	149	159	165	170	176	184	190
		Tap 2	40,000 [11.72]			Tap 2 - 40K	CFM	713	564	483	438	375	296	248	220	189	
							RPM	591	635	708	749	817	862	902	955	989	
							Watts	68	69	75	78	84	89	92	97	101	
		Tap 2	60,000 [17.58]			Tap 2 - 60K	CFM	870	826	766	689	646	599	558	490	430	402
							RPM	675	719	776	848	882	921	958	1013	1057	1083
							Watts	106	111	119	129	132	139	143	151	157	160
						Tap 3 - Low Static Cool	CFM	980	930	891	840	764	717	676	646	602	536
							RPM	731	775	814	866	935	970	1002	1030	1076	1131
							Watts	138	144	149	159	171	175	181	185	193	202
						Tap 4 - Med Static Cool *	CFM	1212	1178	1144	1103	1064	1018	966	912	829	734
							RPM	856	897	935	967	1011	1054	1102	1136	1151	1160
							Watts	235	244	253	260	271	280	291	293	279	261
						Tap 5 - High Static Cool	CFM	1549	1522	1463	1404	1339	1270	1161	970	857	769
							RPM	1044	1074	1099	1113	1124	1134	1147	1162	1167	1174
							Watts	464	472	467	452	432	411	378	325	298	281
3.0 [10.55]	Tap 3			1050 CFM / 1350 CFM	12x9T Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	967	917	840	779	708	580	492	419	335	300
							RPM	615	658	718	771	817	855	887	911	929	943
							Watts	118	126	136	145	152	160	164	168	171	176
		Tap 2	60,000 [17.58]			Tap 2 - 60K	CFM	922	854	766	698	553	466	400	325	286	256
							RPM	592	629	700	748	796	834	856	875	885	928
							Watts	107	110	119	127	133	140	143	147	149	153
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1152	1116	1071	993	939	883	824	762	684	612
							RPM	700	733	773	831	870	917	955	989	1025	1048
							Watts	179	188	197	206	219	229	237	246	255	262
						Tap 3 - Low Static Cool	CFM	1336	1297	1264	1225	1188	1105	1043	984	931	867
							RPM	771	804	837	866	897	952	988	1022	1056	1083
							Watts	249	259	271	278	285	300	315	319	328	337
						Tap 4 - Med Static Cool *	CFM	1486	1449	1418	1386	1351	1311	1240	1189	1135	1098
							RPM	840	874	902	930	958	988	1036	1069	1100	1130
							Watts	332	344	353	364	374	384	398	412	422	433
						Tap 5 - High Static Cool	CFM	1517	1493	1465	1429	1401	1364	1294	1249	1203	1148
							RPM	868	893	922	947	973	1003	1052	1088	1113	1145
							Watts	362	371	380	391	400	411	430	443	453	462

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEAYB ULN (208/230V, 1 & 3-PHASE) 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 Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
3.5 [12.31]	Tap 3			1225 CFM / 1575 CFM	12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	1130	1077	1027	946	841	764	692	634	551	497
							RPM	647	685	723	770	822	854	905	929	956	974
							Watts	148	155	164	174	182	190	198	206	210	215
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1317	1266	1226	1170	1105	1032	945	873	817	748
							RPM	718	753	785	821	863	904	947	977	1001	1051
							Watts	213	221	231	239	250	261	271	280	286	298
						Tap 3 - Low Static Cool *	CFM	1557	1517	1475	1436	1398	1352	1306	1245	1178	1119
							RPM	821	849	882	908	936	966	997	1033	1068	1102
							Watts	330	339	350	360	370	381	390	403	415	428
						Tap 4 - Med Static Cool	CFM	1703	1659	1624	1589	1549	1508	1469	1424	1351	1263
							RPM	870	900	926	952	979	1009	1033	1062	1102	1121
							Watts	407	418	430	439	451	462	472	483	497	484
						Tap 5 - High Static Cool	CFM	1832	1807	1775	1740	1704	1672	1639	1583	1505	1348
							RPM	940	961	984	1009	1033	1061	1083	1103	1119	1136
							Watts	519	530	540	552	562	577	586	583	570	531
4.0 [14.07]	Tap 3 - Low Stage Tap 4 - High Stage			1400 CFM / 1800 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	1174	1130	1076	1026	947	872	810	744	689	641
							RPM	664	696	729	759	800	828	860	897	924	942
							Watts	166	173	180	187	195	201	208	217	223	227
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1262	1220	1175	1117	1058	993	923	870	805	751
							RPM	695	726	756	788	824	856	884	908	948	974
							Watts	197	203	211	218	227	235	242	248	258	265
		Tap 2	100,000 [29.31]			Tap 2 - 100K	CFM	1460	1416	1385	1342	1298	1253	1200	1128	1076	1037
							RPM	780	811	837	865	893	919	949	981	1003	1024
							Watts	285	296	303	313	322	329	340	349	358	364
						Tap 3 - Low Stage Cool	CFM	1354	1316	1273	1229	1179	1121	1062	997	954	891
							RPM	745	773	802	826	856	888	919	945	968	1007
							Watts	239	247	255	260	270	280	287	295	301	312
						Tap 4 - High Stage Cool * Med Static	CFM	1769	1734	1706	1665	1634	1595	1560	1526	1481	1444
							RPM	903	931	953	980	999	1028	1048	1071	1094	1117
							Watts	468	481	490	500	511	524	532	543	554	566
						Tap 5 - High Stage Cool High Static	CFM	1966	1938	1916	1882	1855	1822	1803	1778	1739	1700
							RPM	1003	1027	1047	1070	1091	1115	1128	1150	1172	1195
							Watts	657	670	682	695	707	721	730	742	756	769

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEAYB ULN (208/230V, 1 & 3-PHASE) CONSTANT TORQUE MOTOR (CONTINUED)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Recommended Speed Tap for Field Installed Heater Kit	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size, Motor HP [W] & # of Speeds	Motor Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
5.0 [17.59]	Tap 3 - Low Stage Tap 4 - High Stage			1750 CFM / 2250 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	1171	1124	1068	1012	943	886	829	766	702	642
							RPM	659	692	727	762	800	829	857	891	924	953
							Watts	166	173	181	190	197	204	209	218	225	233
		Tap 2	100,000 [29.31]			Tap 2 - 80K	CFM	1567	1532	1495	1460	1418	1383	1340	1291	1244	1186
							RPM	828	854	879	907	935	960	985	1012	1042	1070
							Watts	350	361	371	380	391	400	410	420	430	442
						Tap 3 - Low Stage Cool	CFM	1419	1381	1350	1301	1256	1207	1140	1086	1035	977
							RPM	763	791	817	847	876	909	943	970	995	1020
							Watts	268	277	285	295	304	314	323	332	340	348
						Tap 4 - High Stage Cool * Med Static	CFM	1938	1904	1873	1841	1813	1811	1754	1726	1694	1661
							RPM	976	1002	1019	1043	1063	1065	1107	1130	1159	1180
							Watts	622	638	645	657	669	670	693	707	725	737
						Tap 5 - High Stage Cool High Static	CFM	2138	2106	2084	2050	2025	1990	1963	1943	1914	1891
							RPM	1057	1075	1094	1117	1134	1162	1186	1206	1229	1245
							Watts	823	833	848	860	873	891	908	924	941	953

NOTES: 1. FOR CONSTANT TORQUE MOTORS: Use motor taps 3-5 to achieve rated airflow at AHRI minimum external static pressure.
(a) Use * marked tap for AHRI 210/240-2023
2. Grayed out portions not recommended for use in field

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

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEAYB ULN (460V, 3-PHASE) 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 Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
3.0 [10.55]	Tap 3			1050 CFM / 1350 CFM	12x9T Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	964	915	839	775	707	643	537	473	388	335
							RPM	603	643	708	758	804	842	887	908	931	940
							Watts	121	128	140	150	160	167	176	180	184	187
		Tap 2	60,000 [17.58]			Tap 2 - 60K	CFM	942	882	801	733	661	532	453	376	320	300
							RPM	592	632	693	746	791	840	869	889	904	938
							Watts	113	119	130	140	148	157	163	167	168	176
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1099	1066	1026	954	896	873	814	741	653	586
							RPM	667	704	740	798	843	894	930	961	1001	1025
							Watts	167	176	184	199	209	222	230	239	248	254
						Tap 3 - Low Static Cool	CFM	1285	1271	1247	1213	1159	1100	1041	991	941	892
							RPM	770	794	827	857	903	947	986	1019	1050	1080
							Watts	259	266	278	287	303	317	330	340	350	360
						Tap 4 - Med Static Cool *	CFM	1422	1414	1396	1370	1340	1303	1244	1183	1129	1086
							RPM	841	860	884	914	940	970	1018	1060	1093	1122
							Watts	342	349	359	370	380	392	410	426	440	452
						Tap 5 - High Static Cool	CFM	1467	1459	1441	1414	1383	1354	1315	1244	1187	1125
							RPM	865	880	905	932	958	985	1016	1068	1108	1138
							Watts	370	376	388	399	409	420	433	455	470	480
4.0 [14.07]	Tap 3 - Low Stage Tap 4 - High Stage			1400 CFM / 1800 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	1177	1130	1075	1024	949	886	832	773	700	663
							RPM	662	692	729	762	802	829	862	893	928	946
							Watts	175	182	191	200	210	217	225	233	241	247
		Tap 2	80,000 [23.45]			Tap 2 - 80K	CFM	1274	1233	1183	1133	1078	1016	949	899	843	781
							RPM	704	734	769	801	832	864	895	921	956	986
							Watts	213	222	232	241	250	259	268	275	285	294
		Tap 2	100,000 [29.31]			Tap 2 - 100K	CFM	1413	1381	1337	1293	1244	1196	1132	1082	1034	991
							RPM	770	798	830	858	882	911	945	969	995	1020
							Watts	282	292	302	313	320	330	341	350	359	368
						Tap 3 - Low Stage Cool	CFM	1359	1322	1277	1232	1179	1123	1065	1021	964	918
							RPM	748	779	809	838	869	903	928	947	975	1008
							Watts	255	266	276	284	295	305	313	319	329	338
						Tap 4 - High Stage Cool *	CFM	1751	1717	1680	1645	1610	1581	1534	1494	1449	1408
							RPM	901	925	951	976	1001	1024	1050	1075	1105	1128
							Watts	481	495	507	517	530	542	557	567	582	594
						Tap 5 - High Stage Cool High Static	CFM	1942	1913	1884	1850	1824	1790	1759	1725	1682	1640
							RPM	991	1012	1033	1054	1075	1098	1119	1142	1163	1187
							Watts	654	669	680	693	706	717	728	743	753	765

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE RGEAYB ULN (460V, 3-PHASE) CONSTANT TORQUE MOTOR

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Recommended Speed Tap for Field Installed Heater Kit	Manufacturer Recommended Cooling Airflow (Min/Max)	Blower Size, Motor HP [W] & # of Speeds	Motor Tap - Usage		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	Heat						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]
5.0 [17.59]	Tap 3 - Low Stage Tap 4 - High Stage			1750 CFM / 2250 CFM	12x9R Blower 1 HP [746] 5 Speed (Constant Torque)	Tap 1 - FAN	CFM	1171	1124	1068	1012	943	886	829	766	702	642
							RPM	659	692	727	762	800	829	857	891	924	953
							Watts	166	173	181	190	197	204	209	218	225	233
		Tap 2	100,000 [29.31]			Tap 2 - 100K	CFM	1558	1519	1485	1454	1413	1369	1328	1280	1229	1173
							RPM	825	849	879	905	932	962	989	1019	1047	1073
							Watts	362	374	385	395	408	420	433	445	456	467
						Tap 3 - Low Stage Cool	CFM	1407	1365	1335	1294	1247	1189	1131	1081	1034	981
							RPM	761	790	817	845	879	912	946	970	994	1031
							Watts	278	289	299	308	319	330	342	350	360	369
						Tap 4 - High Stage Cool * Med Static	CFM	1947	1918	1881	1858	1828	1794	1760	1732	1689	1655
							RPM	981	1003	1025	1047	1069	1093	1114	1136	1157	1178
							Watts	657	672	684	696	708	723	733	745	756	770
						Tap 5 - High Stage Cool High Static	CFM	2137	2104	2078	2051	2014	1983	1954	1926	1894	1855
							RPM	1067	1083	1097	1122	1138	1164	1182	1198	1215	1237
							Watts	876	889	898	912	924	936	947	957	968	978

NOTES: 1. FOR CONSTANT TORQUE MOTORS: Use motor taps 3-5 to achieve rated airflow at AHRI minimum external static pressure.
(a) Use * marked tap for AHRI 210/240-2023
2. Grayed out portions not recommended for use in field

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

[ ] Designates Metric Conversions

ELECTRICAL DATA - RGEAYB SERIES

		024AJT041/X	024AJT04U	024AJT061/X	024AJT06U	024AJT081/X	030ACT041/X	030ACT04U	030ACT061/X	030ACT06U
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	3	3	3	3
	Hz	60	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	19	19	19	19	19	18	18	18	18
	Minimum Overcurrent Protection Device Size	25	25	25	25	25	20	20	20	20
	Maximum Overcurrent Protection Device Size	25	25	25	25	25	25	25	25	25
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	3	3	3	3
	RPM	3500	3500	3500	3500	3500	3500	3500	3500	3500
	Amps (RLA), Comp. 1	11.4	11.4	11.4	11.4	11.4	9.6	9.6	9.6	9.6
	Amps (LRA), Comp. 1	64.4	64.4	64.4	64.4	64.4	70	70	70	70
	HP, Compressor 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (RLA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (LRA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Amps (LRA, each)	3	3	3	3	3	3	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/2	1/2	1/2	1/2
	Amps (FLA, each)	2.8	2.8	2.8	2.8	2.8	4.1	4.1	4.1	4.1
	Amps (LRA, each)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ELECTRICAL DATA - RGEAYB SERIES

		030ACT081/X	030AJT041/X	030AJT04U	030AJT061/X	030AJT06U	030AJT081/X	036ACT061/X	036ACT06U	036ACT081/X
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	3	1	1	1	1	1	3	3	3
	Hz	60	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	18	22	22	22	22	22	25	25	25
	Minimum Overcurrent Protection Device Size	20	25	25	25	25	25	30	30	30
	Maximum Overcurrent Protection Device Size	25	30	30	30	30	30	35	35	35
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	3	1	1	1	1	1	3	3	3
	RPM	3500	3500	3500	3500	3500	3500	3500	3500	3500
	Amps (RLA), Comp. 1	9.6	12.7	12.7	12.7	12.7	12.7	12.2	12.2	12.2
	Amps (LRA), Comp. 1	70	75.6	75.6	75.6	75.6	75.6	97.5	97.5	97.5
	HP, Compressor 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (RLA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (LRA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Amps (LRA, each)	3	3	3	3	3	3	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1	1	1
	Amps (FLA, each)	4.1	4.1	4.1	4.1	4.1	4.1	7.6	7.6	7.6
	Amps (LRA, each)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ELECTRICAL DATA - RGEAYB SERIES

		036ACT08U	036ACT101/X	036ADT061/X	036ADT06U	036ADT081/X	036ADT08U	036ADT101/X	036AJT061/X	036AJT06U
Unit Information	Unit Operating Voltage Range	187-253	187-253	414-506	414-506	414-506	414-506	414-506	187-253	187-253
	Volts	208/230	208/230	460	460	460	460	460	208/230	208/230
	Phase	3	3	3	3	3	3	3	1	1
	Hz	60	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	25	25	12	12	12	12	12	30	30
	Minimum Overcurrent Protection Device Size	30	30	15	15	15	15	15	35	35
	Maximum Overcurrent Protection Device Size	35	35	15	15	15	15	15	45	45
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	460	460	460	460	460	208/230	208/230
	Phase	3	3	3	3	3	3	3	1	1
	RPM	3500	3500	3500	3500	3500	3500	3500	3500	3500
	Amps (RLA), Comp. 1	12.2	12.2	5.8	5.8	5.8	5.8	5.8	16.7	16.7
	Amps (LRA), Comp. 1	97.5	97.5	44.3	44.3	44.3	44.3	44.3	93.5	93.5
	HP, Compressor 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (RLA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (LRA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	460	460	460	460	460	208/230	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5	1.5	0.8	0.8	0.8	0.8	0.8	1.5	1.5
	Amps (LRA, each)	3	3	1.6	1.6	1.6	1.6	1.6	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	460	460	460	460	460	208/230	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1	1	1	1	1	1	1	1	1
	Amps (FLA, each)	7.6	7.6	3.5	3.5	3.5	3.5	3.5	7.6	7.6
	Amps (LRA, each)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ELECTRICAL DATA - RGEAYB SERIES

		036AJT081/X	036AJT08U	036AJT101/X	042ACT081/X	042ACT08U	042ACT101/X	042AJT081/X	042AJT08U	042AJT101/X
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	3	3	3	1	1	1
	Hz	60	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	30	30	30	24	24	24	30	30	30
	Minimum Overcurrent Protection Device Size	35	35	35	30	30	30	35	35	35
	Maximum Overcurrent Protection Device Size	45	45	45	35	35	35	45	45	45
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	3	3	3	1	1	1
	RPM	3500	3500	3500	3500	3500	3500	3500	3500	3500
	Amps (RLA), Comp. 1	16.7	16.7	16.7	12.8	12.8	12.8	17.3	17.3	17.3
	Amps (LRA), Comp. 1	93.5	93.5	93.5	102.8	102.8	102.8	123	123	123
	HP, Compressor 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (RLA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (LRA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5	1.5	1.5	2	2	2	2	2	2
	Amps (LRA, each)	3	3	3	3.9	3.9	3.9	3.9	3.9	3.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1	1	1	3/4	3/4	3/4	3/4	3/4	3/4
	Amps (FLA, each)	7.6	7.6	7.6	6	6	6	6	6	6
	Amps (LRA, each)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

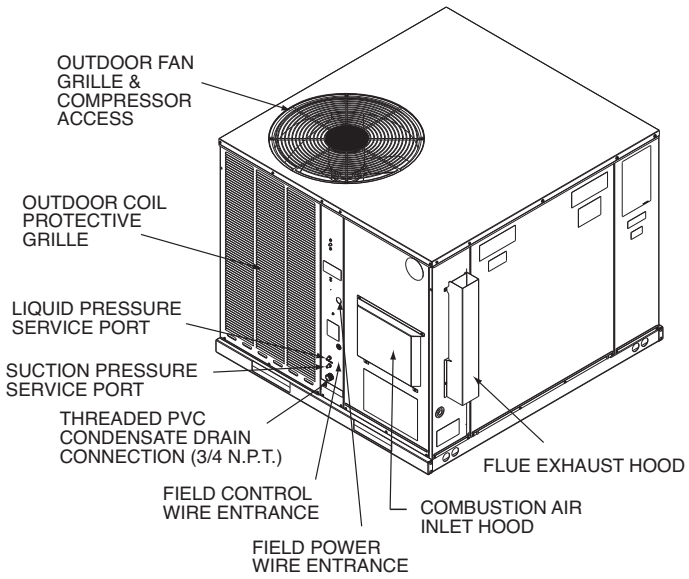
ELECTRICAL DATA - RGEAYB SERIES

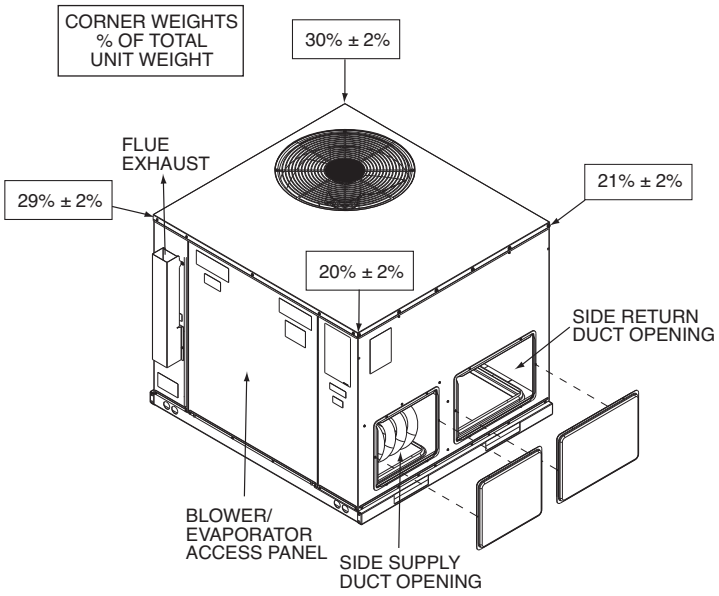
		048ACT081/X	048ACT08U	048ACT101/X	048ACT10U	048ADT081/X	048ADT101/X	048ADT10U	048AJT081/X	048AJT08U
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	414-506	414-506	414-506	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	460	460	460	208/230	208/230
	Phase	3	3	3	3	3	3	3	1	1
	Hz	60	60	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	27	27	27	27	14	14	14	37	37
	Minimum Overcurrent Protection Device Size	35	35	35	35	20	20	20	45	45
	Maximum Overcurrent Protection Device Size	35	35	35	35	20	20	20	50	50
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	460	208/230	208/230
	Phase	3	3	3	3	3	3	3	1	1
	RPM	3500	3500	3500	3500	3500	3500	3500	3500	3500
	Amps (RLA), Comp. 1	12.1	12.1	12.1	12.1	7.1	7.1	7.1	20.1	20.1
	Amps (LRA), Comp. 1	123	123	123	123	60	60	60	141	141
	HP, Compressor 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (RLA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (LRA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	460	208/230	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	2	2	2	2	1	1	1	2	2
	Amps (LRA, each)	3.9	3.9	3.9	3.9	2.2	2.2	2.2	3.9	3.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	460	208/230	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1	1	1	1	1	1	1	1	1
	Amps (FLA, each)	7.6	7.6	7.6	7.6	3.5	3.5	3.5	8.9	8.9
	Amps (LRA, each)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ELECTRICAL DATA - RGEAYB SERIES

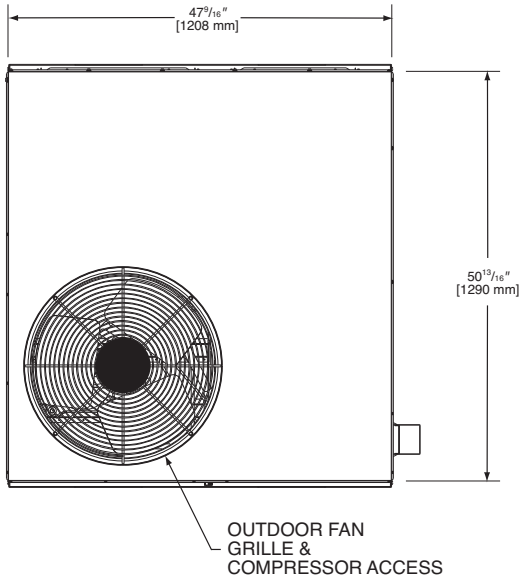
		048AJT101/X	048AJT10U	060ACT081/X	060ACT101/X	060ACT10U	060ADT081/X	060ADT101/X	060ADT10U	060AJT081/X
Unit Information	Unit Operating Voltage Range	208/230	208/230	208/230	208/230	208/230	460	460	460	208/230
	Volts	1	1	3	3	3	3	3	3	1
	Phase	60	60	60	60	60	60	60	60	60
	Hz	37	37	29	29	29	14	14	14	43
	Minimum Circuit Ampacity	45	45	35	35	35	20	20	20	50
	Minimum Overcurrent Protection Device Size	50	50	40	40	40	20	20	20	60
	Maximum Overcurrent Protection Device Size	1	1	1	1	1	1	1	1	1
Compressor Motor	No.	208/230	208/230	208/230	208/230	208/230	460	460	460	208/230
	Volts	1	1	3	3	3	3	3	3	1
	Phase	3500	3500	3500	3500	3500	3500	3500	3500	3500
	RPM	20.1	20.1	13.8	13.8	13.8	6.9	6.9	6.9	25.2
	Amps (RLA), Comp. 1	141	141	150	150	150	60	60	60	147.3
	Amps (LRA), Comp. 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	HP, Compressor 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (RLA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (LRA), Comp. 2	1	1	1	1	1	1	1	1	1
Condenser Motor	No.	208/230	208/230	208/230	208/230	208/230	460	460	460	208/230
	Volts	1	1	1	1	1	1	1	1	1
	Phase	1/3	1/3	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	HP	2	2	2.3	2.3	2.3	1.2	1.2	1.2	2.3
	Amps (FLA, each)	3.9	3.9	5.5	5.5	5.5	3	3	3	5.5
	Amps (LRA, each)	1	1	1	1	1	1	1	1	1
Evaporator Fan	No.	208/230	208/230	208/230	208/230	208/230	460	460	460	208/230
	Volts	1	1	1	1	1	1	1	1	1
	Phase	1	1	1	1	1	1	1	1	1
	HP	8.9	8.9	8.9	8.9	8.9	3.5	3.5	3.5	8.9
	Amps (FLA, each)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (LRA, each)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ELECTRICAL DATA - RGEAYB SERIES			
		060AJT101/X	**060AJT10U**
Unit Information	Unit Operating Voltage Range	187-253	187-253
	Volts	208/230	208/230
	Phase	1	1
	Hz	60	60
	Minimum Circuit Ampacity	43	43
	Minimum Overcurrent Protection Device Size	50	50
	Maximum Overcurrent Protection Device Size	60	60
Compressor Motor	No.	1	1
	Volts	208/230	208/230
	Phase	1	1
	RPM	3500	3500
	Amps (RLA), Comp. 1	25.2	25.2
	Amps (LRA), Comp. 1	147.3	147.3
	HP, Compressor 2	N/A	N/A
	Amps (RLA), Comp. 2	N/A	N/A
	Amps (LRA), Comp. 2	N/A	N/A
Condenser Motor	No.	1	1
	Volts	208/230	208/230
	Phase	1	1
	HP	1/2	1/2
	Amps (FLA, each)	2.3	2.3
	Amps (LRA, each)	5.5	5.5
Evaporator Fan	No.	1	1
	Volts	208/230	208/230
	Phase	1	1
	HP	1	1
	Amps (FLA, each)	8.9	8.9
	Amps (LRA, each)	N/A	N/A

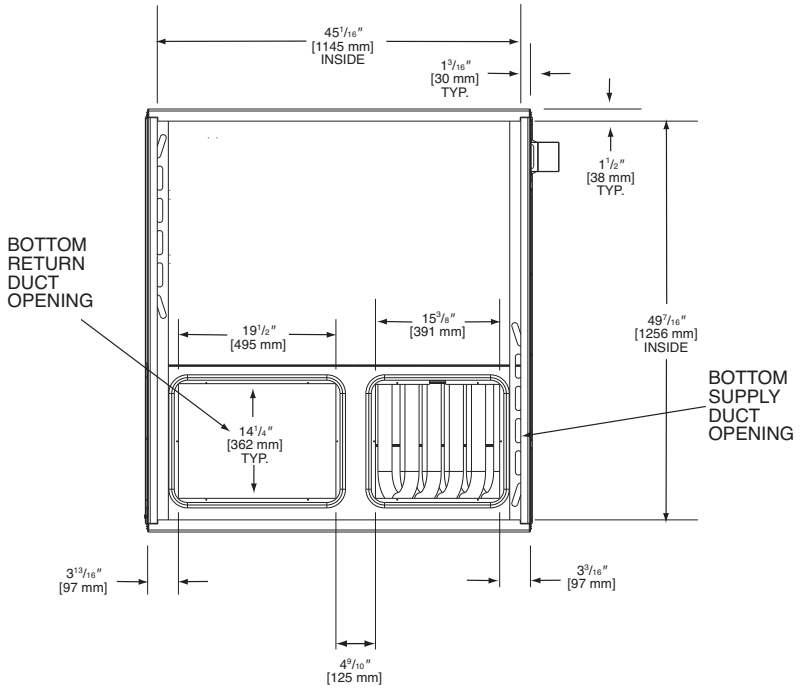




TOP VIEW

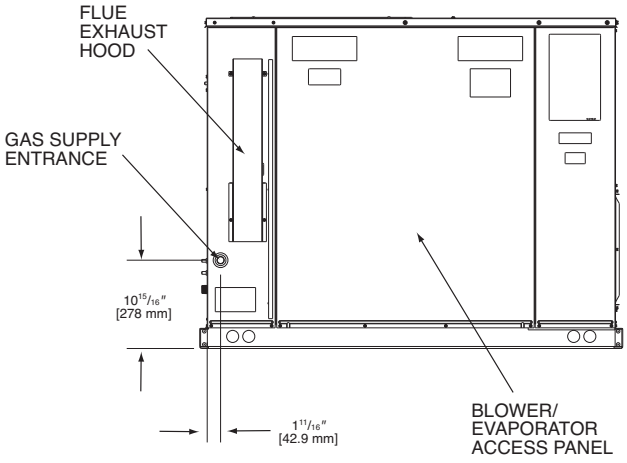


BOTTOM VIEW

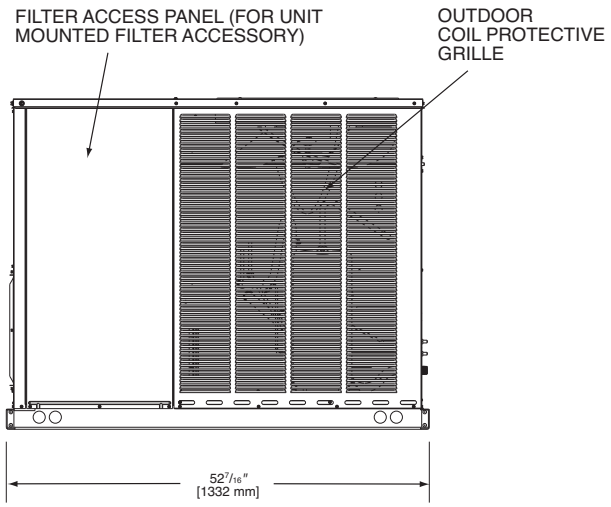


[ ] Designates Metric Conversions

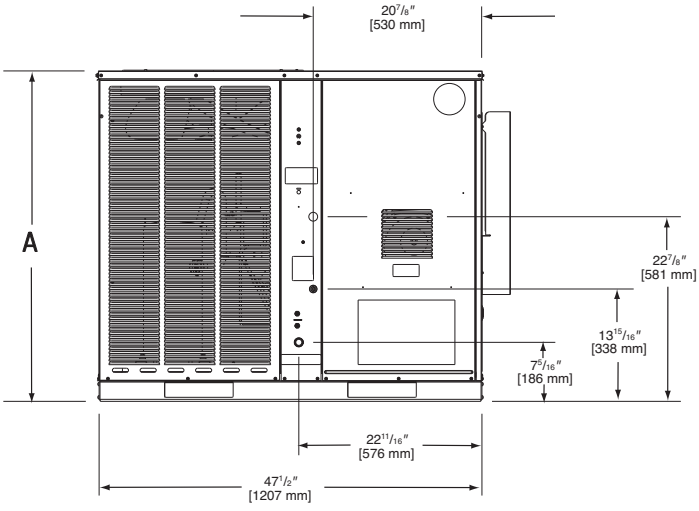
SIDE VIEW



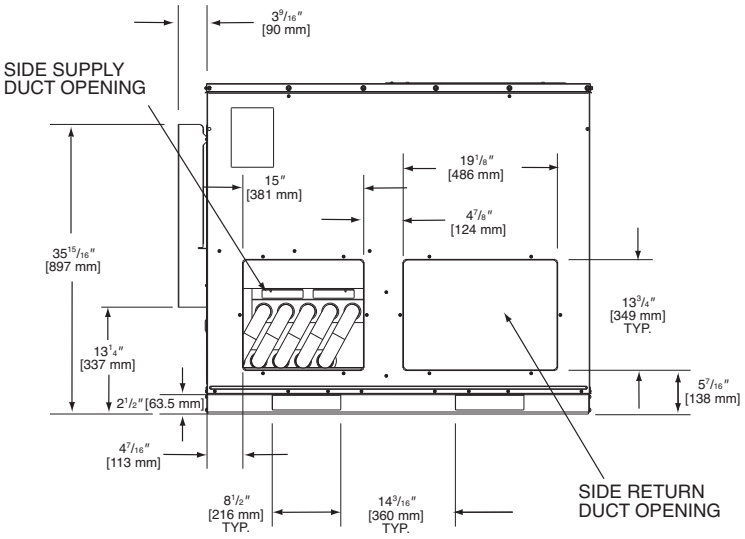
SIDE VIEW



FRONT VIEW



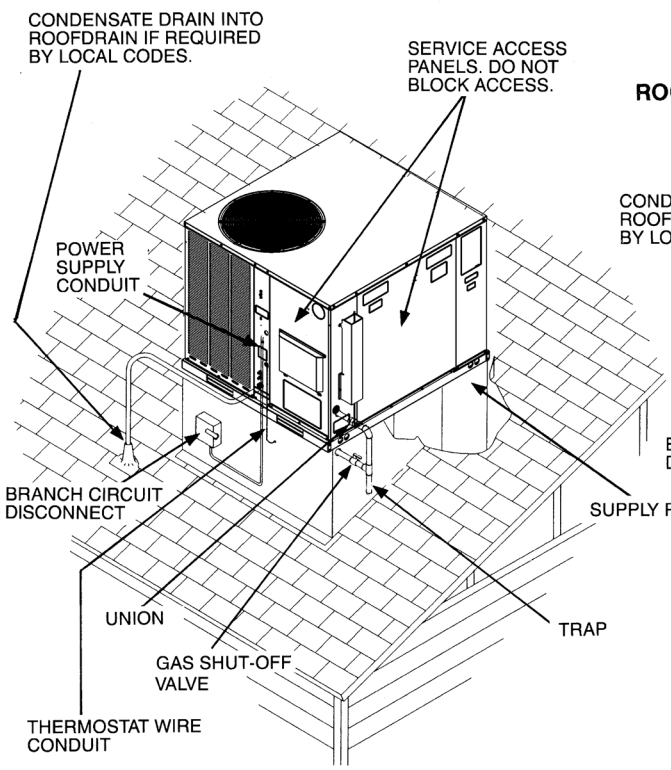
BACK VIEW



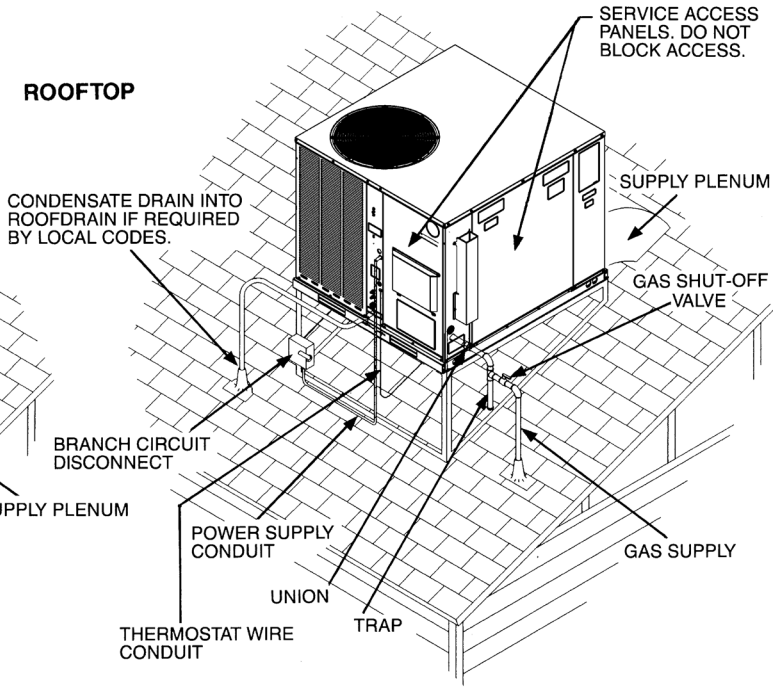
SHOWN WITH DUCT COVERS REMOVED.

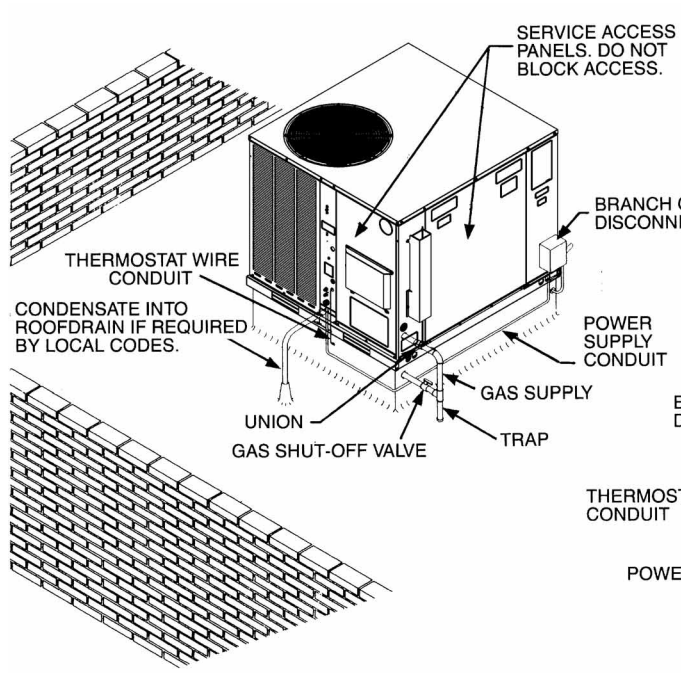
Models RGEAYB	Height "A"
024, 030, 036	35 15/16"
042, 048, 060	41"

[ ] Designates Metric Conversions

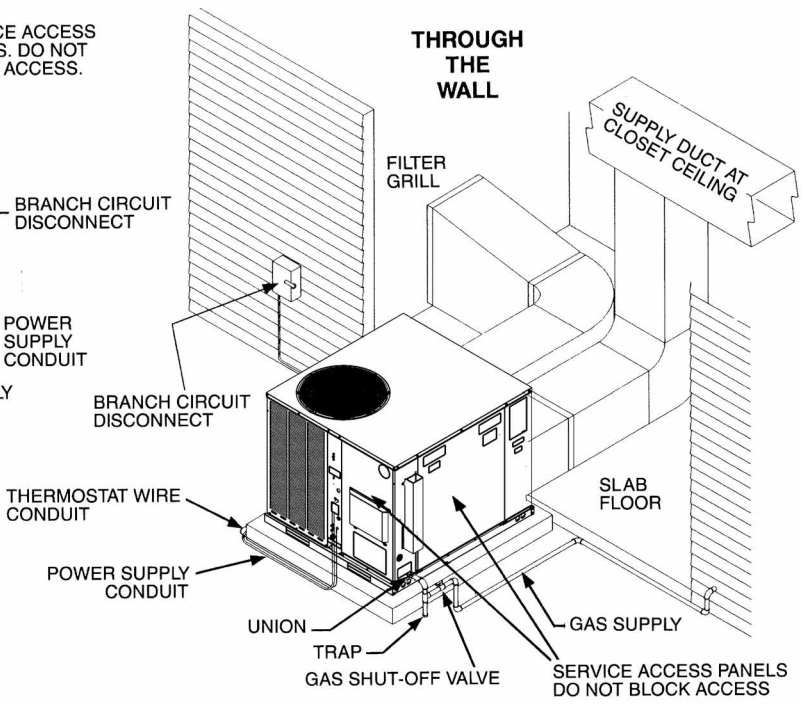


ROOFTOP





ROOFTOP



IMPORTANT: UNIT MUST BE LEVEL TO PREVENT WATER MIGRATION

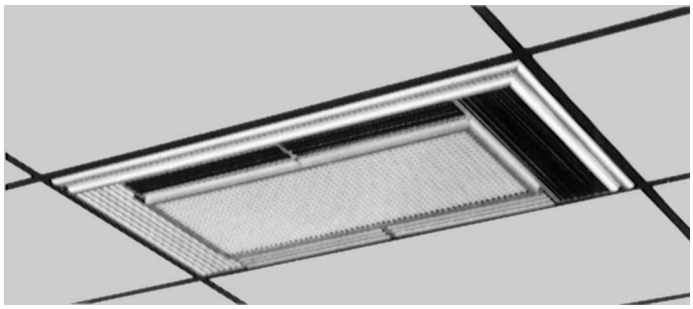
[ ] Designates Metric Conversions

ACCESSORY EQUIPMENT

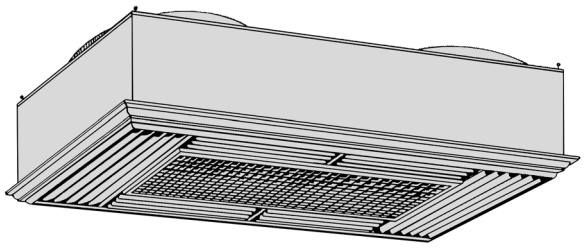
Accessory Description	Model Application	Accessory Model No.
Roofcurb	RGEA	RXSG-AAA08 (8" [203 mm] Height) RXSG-AAA14 (14" [356 mm] Height)
Duct Adapter Square to Round Transition (Sideflow)	RGEA	AXMC-BA01
Supply & Return Diffusers (Downflow)	RGEA	RXRN-BD15
Rectangular to Round Transition (Downflow)	RGEA	RXMC-CA02 (16" [406 mm] Ducts) RXMC-CA03 (18" [457 mm] Ducts)
Economizers (Convertible)	RGEA	AXRD-01RACAM3
Dual Enthalpy Kit	RGEA	RXRX-AV04
Fresh Air Damper	RGEA	AXRF-FAA1 (Fixed-35%) AXRF-FAB1 (Motorized-35%)
LP Conversion Kit[1]	RGEA	RXGJ-EP94D
Filter Kit	RGEA	RXRY-B01
Low Ambient Control	RGEA	RXPZ-G01
Low Pressure Control[2]	RGEA	RXAC-C01
Phase Monitor Kit	3ph-RGEA	RXRX-PM3A01

[1]If a particular unit is to be converted to operate on LP (propane) for elevations above 2000 ft. [609.6 m] in Canada, the existing Natural Gas to LP Conversion Kits for the subject models already contain the necessary orifices and instructions to de-rate the input for 2000-4500 ft. [609.6-1371.6 m] Canadian applications. [2]High pressure switches are standard for RGEA Models.

COMMON SUPPLY/RETURN CONCENTRIC AIR DIFFUSER



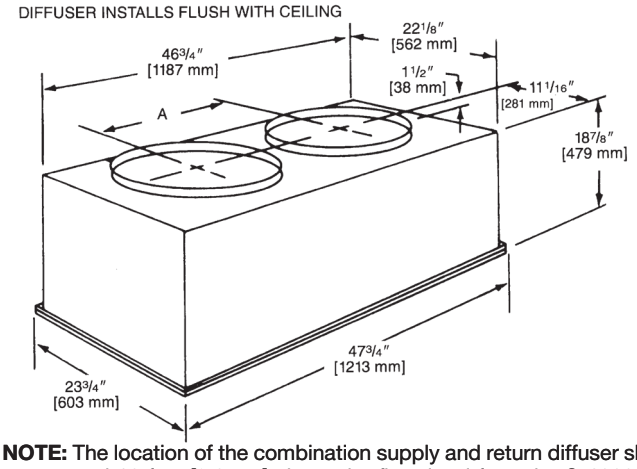
SUPPLY/RETURN DIFFUSER



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

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

[ ] Designates Metric Conversions



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

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

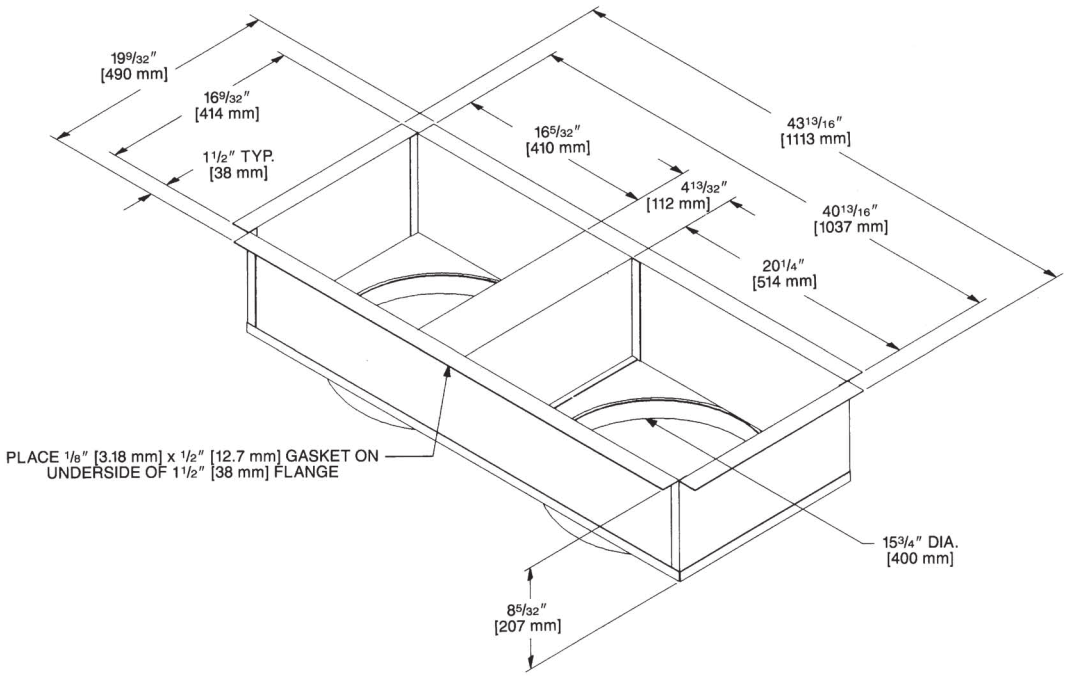
Accessory	Approximate CFM [L/s]-Supply Air			
	1300 [614]	1575 [743]	1800 [850]	2200 [1038]
Plenum & Supply/Return Duct	.07 [.017]	.10 [.024]	.12 [.030]	.17 [.042]
Diffuser	.09 [.022]	.13 [.032]	.16 [.040]	.24 [.060]
Economizer	.06 [.015]	.09 [.022]	.11 [.027]	.17 [.042]

SUPPLY AIR/PERFORMANCE

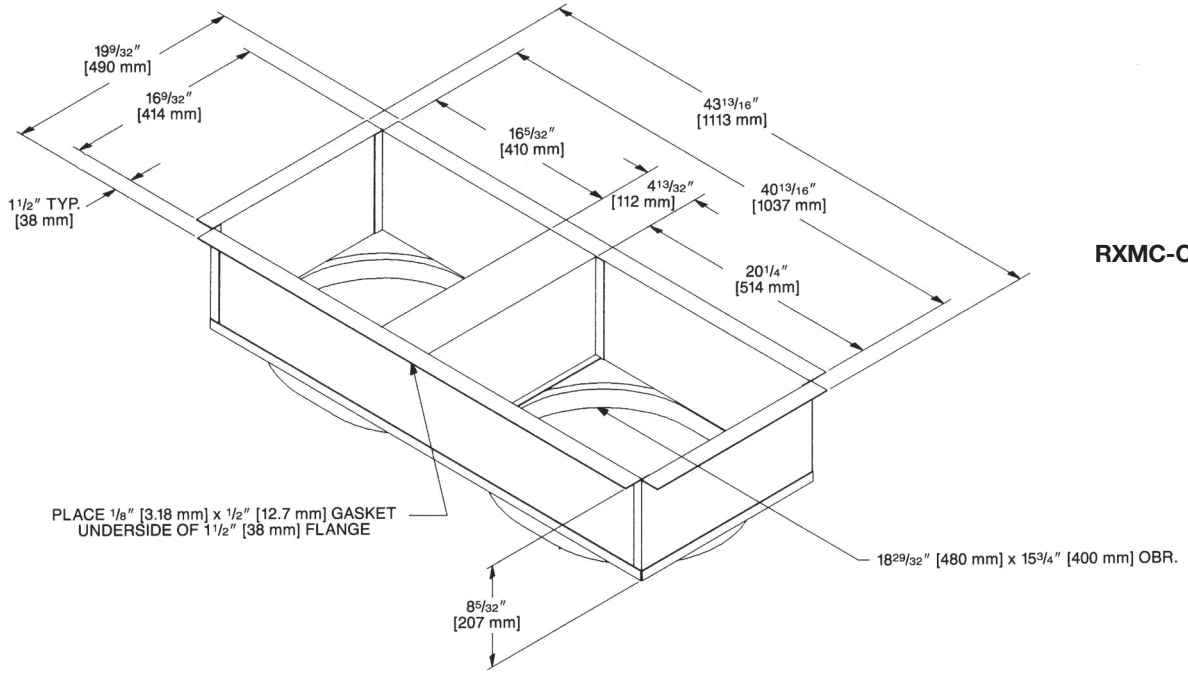
Diffuser Airflow CFM [L/s]	Range of Throw Ft. [m]
800 [378]-1200 [566]	14 [4.27]-16 [4.88]
1600 [755]-2000 [944]	18 [5.49]-28 [8.53]

DUCT ADAPTERS RECTANGULAR TO ROUND TRANSITIONS (DOWNFLOW)

RXMC-CA02



RXMC-CA03



[ ] Designates Metric Conversions

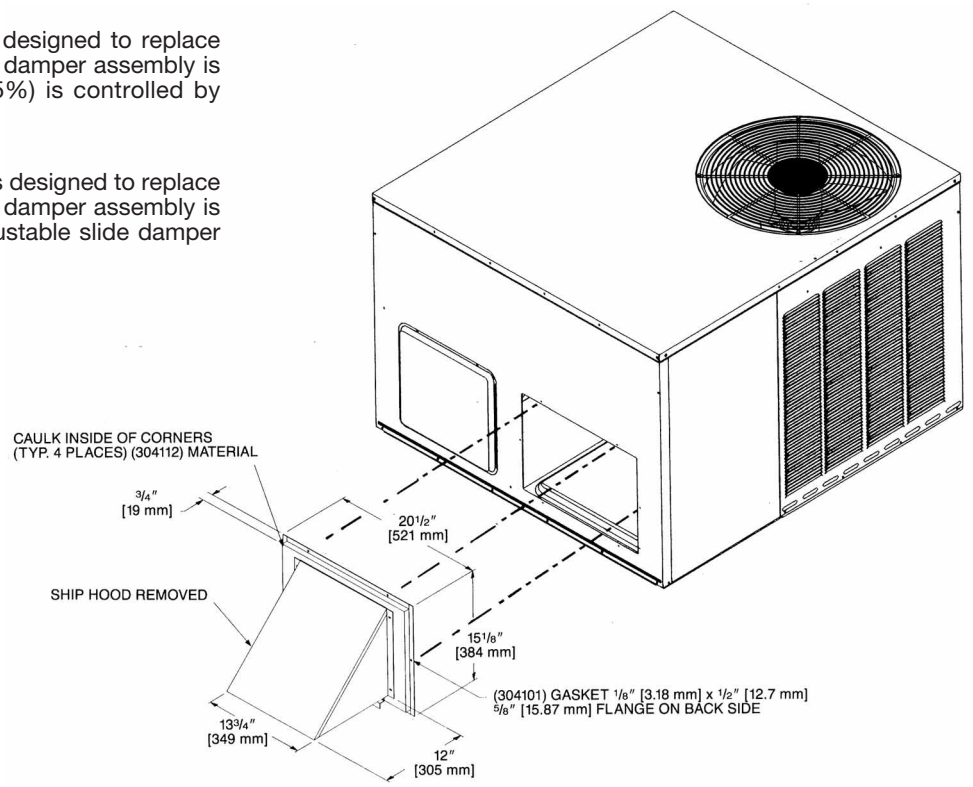
FRESH AIR DAMPER

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.

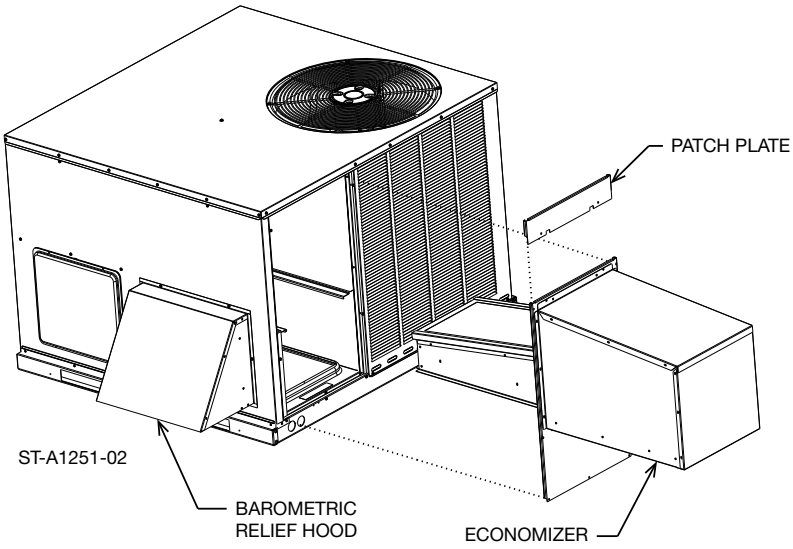


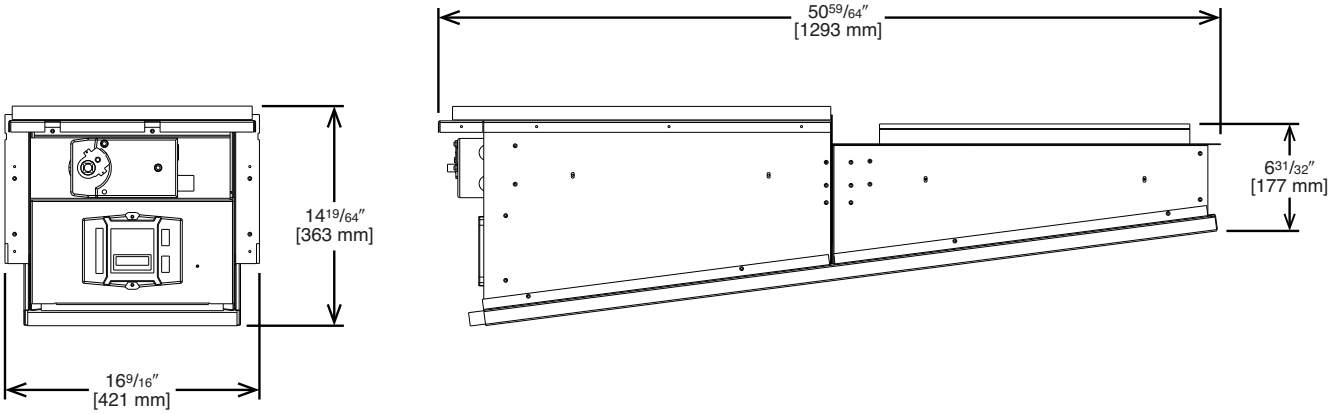
[ ] Designates Metric Conversions

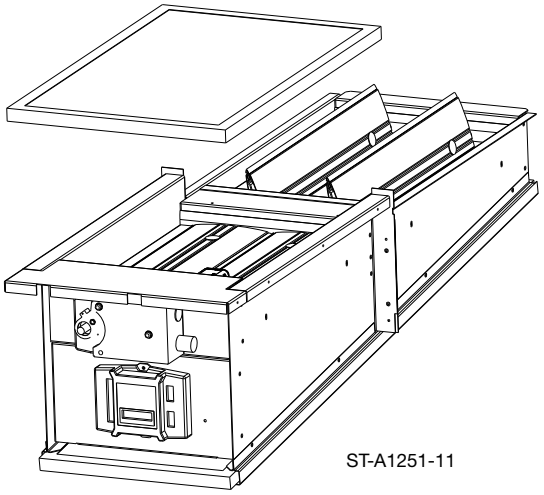
ECONOMIZERS

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

- LCD Screen for Continuous diagnostic and system status
- Programmable set points for accurate positioning
- Simplified wiring and color coded terminals
- Onboard fault detection and diagnostics (FDD)
- Operational Checkout to verify installation
- Enthalpy sensors and actuator that communicate through a Sylk Bus Network with the Jade Controller reducing wiring errors while providing more information
- CO_2 sensor input for DCV (Demand Control Ventilation) applications
- RXRX-AV04 Dual Enthalpy kit available for field installation
- AMCA licensed class 1A low leak Dampers



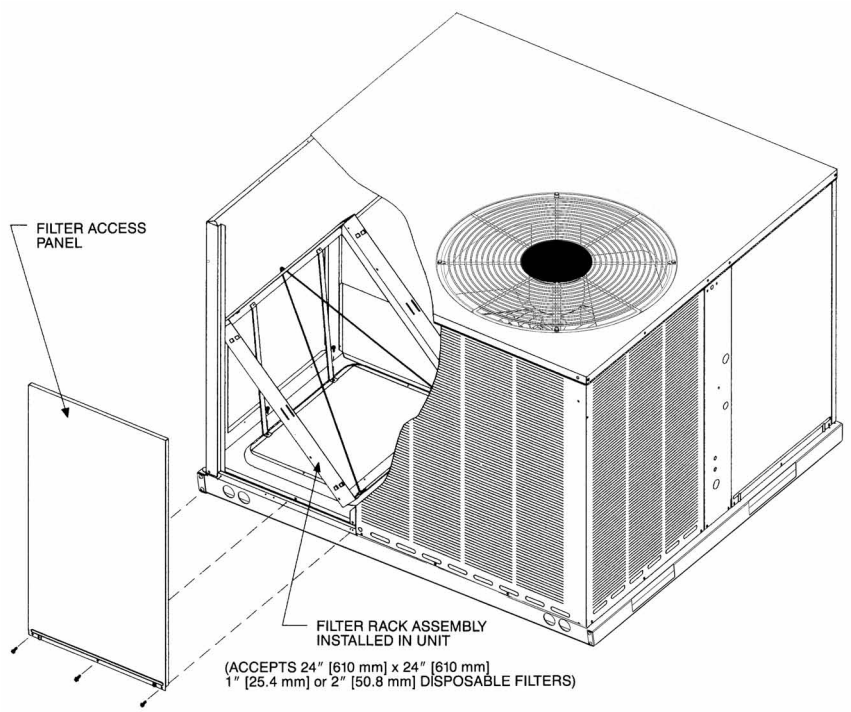




[ ] Designates Metric Conversions

FILTER KIT INSTALLATION
RXRY-B01

For use in either vertical or horizontal discharge



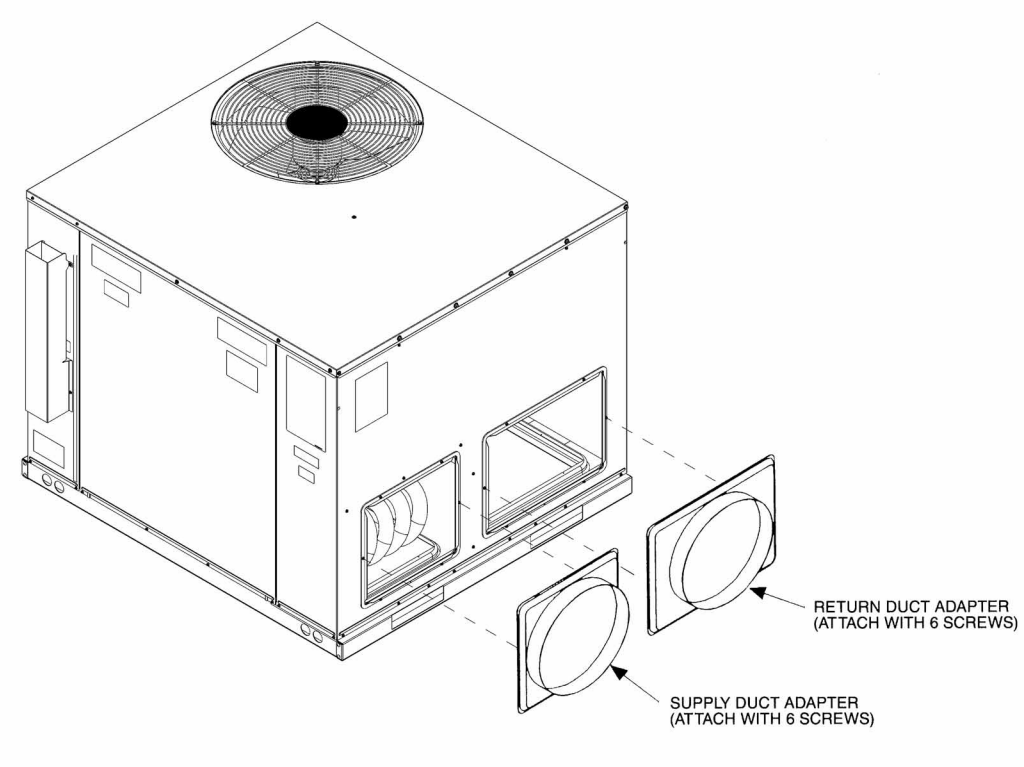
Airflow Pressure Drop, Inches W.C. [kPa]		
CFM [L/s]	**1" Filter**	**2" Filter**
500 [236]	.02 [.0050]	.03 [.0075]
600 [283]	.02 [.0050]	.03 [.0075]
700 [330]	.03 [.0075]	.04 [.0010]
800 [378]	.04 [.0010]	.05 [.0124]
900 [425]	.05 [.0124]	.06 [.0149]
1000 [472]	.07 [.0174]	.08 [.0199]
1100 [519]	.08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

[ ] Designates Metric Conversions

DUCT ADAPTER SIDEFLOW SQUARE TO ROUND TRANSITION AXMC-BA01

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

[ ] Designates Metric Conversions

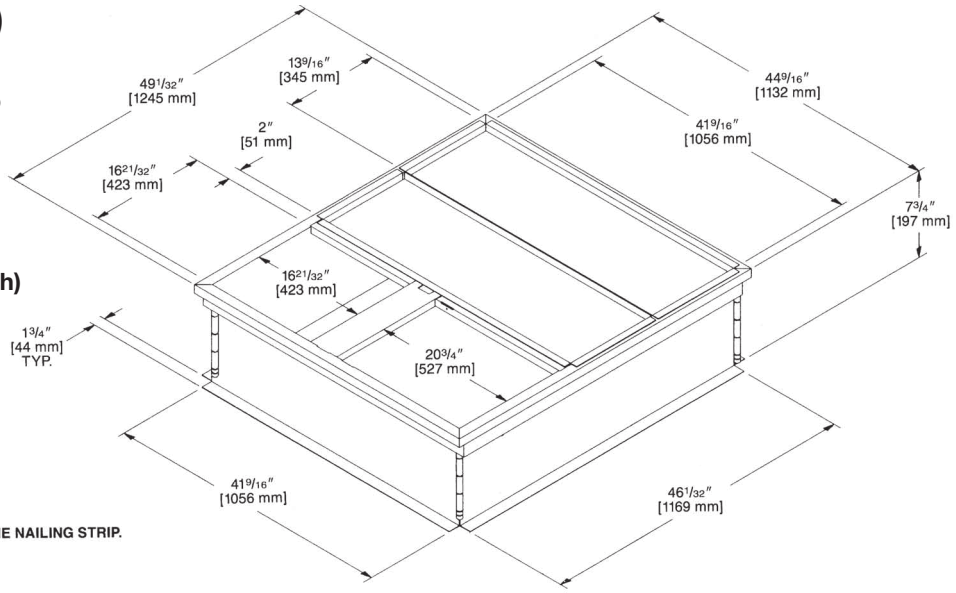


ROOFCURB (Full Perimeter)

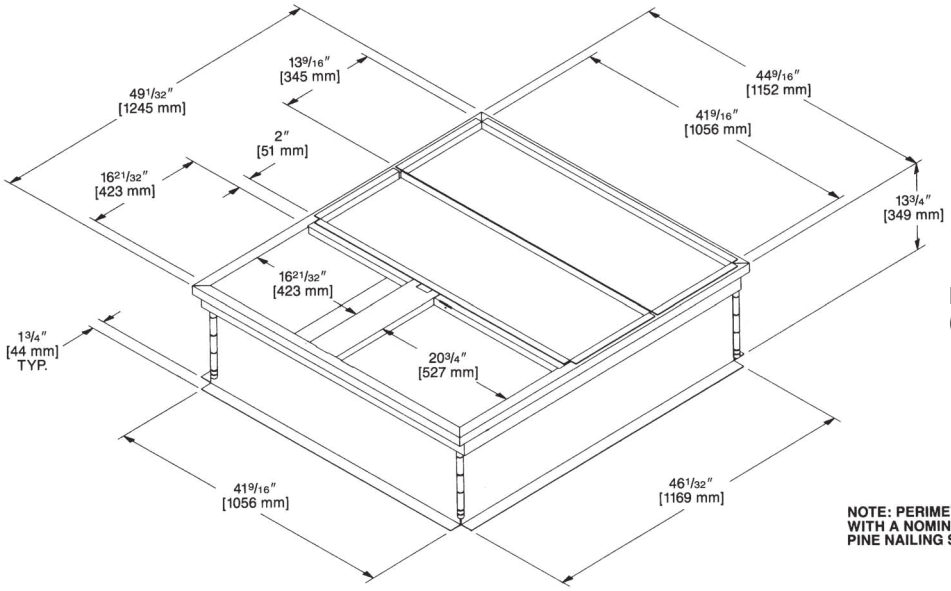
RXSG-AAA08, RXSG-AAA14

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.

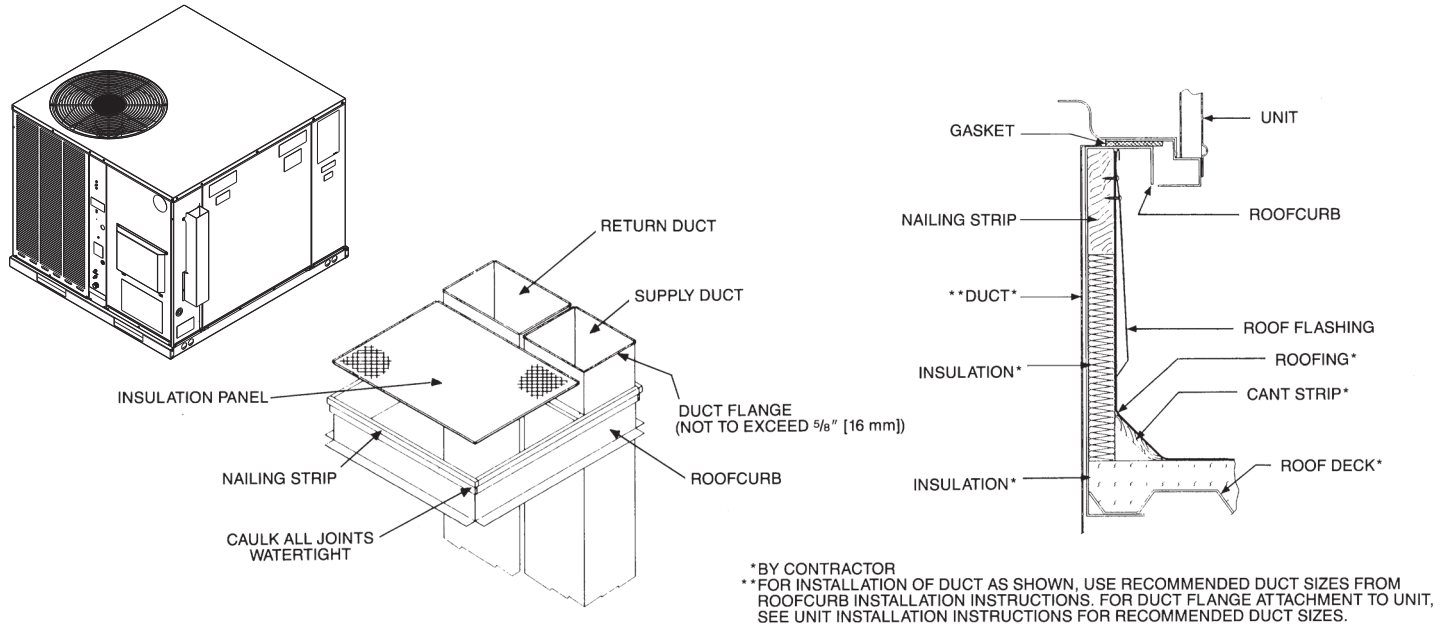


RXSG-AAA14
(14" [356 mm] High)

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

[ ] Designates Metric Conversions

PACKAGED AIR CONDITIONERS & PACKAGED 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 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	OLD CURB MODEL	NEW MODEL TO OLD MODEL ROOF ADAPTER	NEW MODEL PACKAGE
SMALL CABINET (1 1/2-2 TON) [5.28-7.03 KW] RSNC-, RSND-, RSNE- RRGE-, RRGF-, RRGG-, RSNY	20 SERIES → RXPA-CA20 (1)	RXRX-BACDB20 RXRX-BACDB21 RXRX-BCCCA23 RXRX-BCCDB23	ONLY 1 CABINET SIZE– ALL MODELS → RGEA
MEDIUM CABINET (2 1/2-3 TON) [8.79-10.55 KW] RSNC-, RSND-, RSNE- RRGE-, RRGF-, RRGG-, RSNY	21 SERIES → RXRA-DB21 (1)		
EXTRA LARGE CABINET (3 1/2-5 TON) [12.31-17.6 KW] RSNC-, RSND-, RSNE- RRGE-, RRGF-, RRGG-, RSNY (4-5 TON) [14.07-17.58 kW]	23 SERIES → RXPA-CA23 (1) RXRA-DB23 (2)		

(1) SLOPE TYPE
(2) FULL PERIMETER TYPE

[ ] Designates Metric Conversions

GENERAL TERMS OF LIMITED WARRANTY*

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

Heat Exchanger

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

Compressor

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

Parts

Residential Applications
(Registration Required).....Ten (10) Years
Commercial Applications.....One (1) Year

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

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

®/TM ©2025 Whirlpool. All rights reserved. Manufactured under license by RHEEM MANUFACTURING COMPANY, USA. Limited warranty provided by manufacturer
.
© 2025 Rheem Manufacturing Company. *Rheem trademarks owned by Rheem Manufacturing Company.
In keeping with its policy of continuous progress and product improvement, Manufacturer reserves the right to make changes without notice.

5600 Old Greenwood Road
Fort Smith, Arkansas 72908 • www.whirlpoolHVAC.com

PRINTED IN U.S.A. 7/25 QG FORM NO. RWL-887