



PACKAGE GAS ELECTRIC UNITS

FORM NO. R11-840 REV. 5
Supersedes Form No. R11-840 Rev. 4

Featuring Industry Standard R-410A Refrigerant

R-410A

RKNL- 13 SEER SERIES
NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

RKPL- 14 SEER SERIES
NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]



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



Engineering Features3

Introduction4

Selection Procedure5

Model Identification Options6-7

General Data

 RKNL- Series8-28

 RKPL- Series29-46

 General Data Notes47

Performance Data

 RKNL- Series48-49

 RKPL- Series50-51

Airflow Performance52-59

Electrical Data

 RKNL- Series60-69

 RKPL- Series70-77

Dimensional Data78-80

Accessories81-89

Typical Wiring90-97

Limited Warranty100

These quality features are included in the Rheem Package Gas Electric Unit



RKNL - A036, A042, A048, A060
RKPL - A036, A042, A048, A060

STANDARD FEATURES INCLUDE:

- R-410A HFC refrigerant.
- Complete factory charged, wired and run tested.
- Scroll compressors with internal line break overload and high-pressure protection.
- Single stage compressor on all models.
- Convertible airflow.
- TXV refrigerant metering system on each circuit.
- High Pressure and Low Pressure/Loss of charge protection standard on all models.
- Solid Core liquid line filter drier on each circuit.
- Single slab, single pass designed evaporator coil facilitate easy cleaning for maintained high efficiencies.
- Cooling operation up to 125 degree F ambient.
- Easily removable filter, blower, gas heat, and compressor/control access panels permits prompt service.
- Powder Paint Finish meets ASTM B117 steel coated on each side for maximum protection. G90 galvanized.
- One piece top cover and one piece base pan with drawn supply and return opening for superior water management.
- Externally mounted refrigerant gauge ports for easy service diagnostics.
- Easy to install plug-in; slip in, 100% fully modulating economizer.
- Forkable base rails for easy handling and lifting.
- Single point electrical and gas connections.
- Direct drive or high performance belt drive motor with variable pitch pulleys and quick adjust belt system.
- Permanently lubricated evaporator, condenser and gas heat inducer motors.
- Condenser motors are internally protected, totally enclosed with shaft down design.
- 1 inch filter standard with slide out design.
- Single stage gas valve, direct spark ignition, and induced draft for efficiency and reliability.
- Tubular heat exchange for long life and induced draft for efficiency and reliability.
- Solid state furnace control with on board diagnostics.
- Colored and labeled wiring.
- Copper tube/Aluminum Fin coils.
- Molded compressor plug.

These quality features are included in the Rheem Package Gas Electric Unit

Evaporator Coil/Filter Access

- Return air filters, normally provided, are removed in this photo.



- Non-corrosive plastic condensate pan



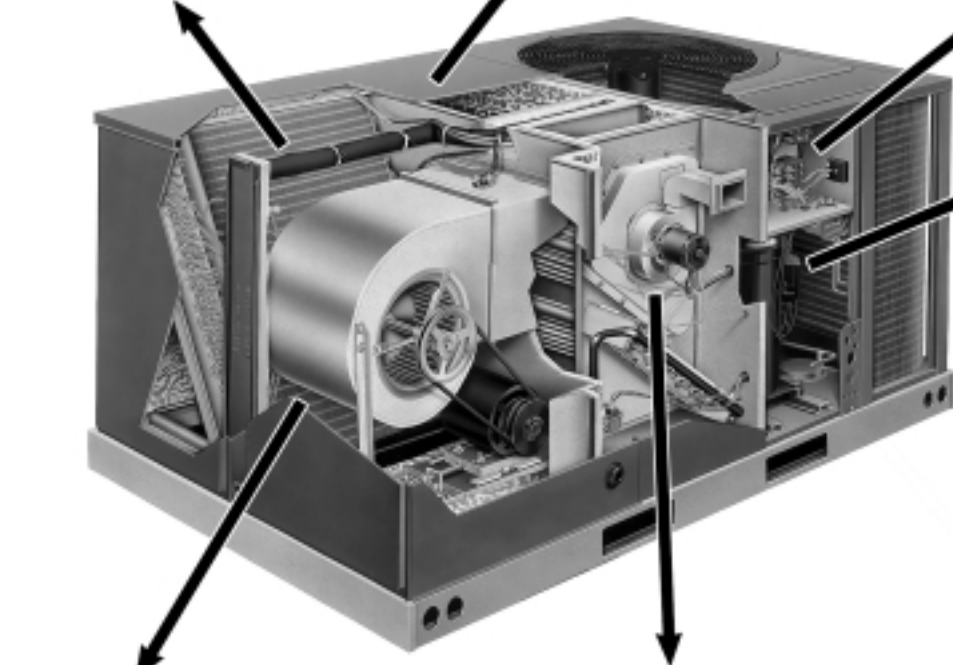
Tubular Heat Exchanger

- Aluminized steel (viewed from supply air side panel.)
- Stainless steel available

Control Box Access



Compressor Access (3 to 5 Ton [10.6 to 17.6 kW] Models)



Blower Access

- Belt drive model shown. (Available on 3-phase models only.)



Heating Compartment Access



SELECTION PROCEDURE EXAMPLE—RKNL/RKPL- SERIES

1. Determine cooling and heating requirements at design conditions.

Example:

Power Supply	208/230-3 Phase
Total cooling capacity	42,500 BTUH [12.44 kW]
Sensible cooling capacity	34,000 BTUH [9.96 kW]
Heating capacity	96,000 BTUH [28.13 kW]
Condenser entering air	95°F [35°C]
Evaporator entering air	63°F [17°C] wb/76°F [24°C] db
Indoor air flow	1600 CFM [755 L/s]
External static pressure.....	1.1 in wg
Required efficiency	13 SEER

2. Select unit to meet cooling requirements.

Since total cooling is within the range of 4 ton [14.07 kW] unit and requires 13 SEER efficiency level, enter cooling performance from the RKNL-A048 at 95°F [35°C] outdoor temperature, 63°F [17°C] wb entering indoor air, and 1600 CFM [755 L/s]:

Total capacity	45,100 BTUH [13.21 kW]
Sensible capacity	44,100 BTUH [12.01 kW]
Power input	3.6 kW

And also, at 76°F [24°C] db indoor entering air, and using the formula at the bottom of the table:

Sensible capacity	38,327 BTUH [11.22 kW]
-------------------------	------------------------

3. Select heating capacity of the unit.

In the general data tables, note that the heating capacity of the 4 ton [14.07 kW] model with the 135,000 input heater can deliver 109,400 BTUH [32.03 kW], which is suitable for this application.

4. Determine blower speed and power to meet the system requirements.

At the given external static pressure of 1.1 in wg, the belt model must be selected. Enter the belt drive blower performance data at 1600 CFM [755 L/s] and 1.1 in wg ESP:

RPM	1195
Watts.....	755
Drive	M

5. Calculate indoor blower BTUH heat effect.

$$\text{BTUH} = \text{Watts} \times 3.413 = 2577$$

6. Calculate net cooling capacities.

$$\begin{aligned}\text{Net total cooling} &= 45,100 - 2577 = 42,523 \text{ BTUH [12.45 kW]} \\ \text{Net sensible cooling} &= 41,708 - 2577 = 39,131 \text{ BTUH [11.45 kW]}\end{aligned}$$

7. Select model

RKNL-A048CM13E

[] Designates Metric Conversions



R

K

N

L

—

A

036

J

K

08

E

X

X

X

Economizer Option (See Next Page)

Factory Installed Options (See Next Page)

Ignition System
E = Electric Ignition,
1 Stage Gas Valve
X = Electric Ignition,
1 Stage Gas Valve, NO_x

Heating Capacity (MBH)
08 = 80,000 [23.5]
10 = 100,000 [29.3]
12 = 120,000 [35.2]
13 = 135,000 [39.6]

Drive Package
K = Direct Drive
L = Belt Drive
M = Belt Drive—High Static

Electrical Designation
C = 208-230 V, 3 PH, 60 Hz
D = 460 V, 3 PH, 60 Hz
J = 208-230V, 1 PH, 60 Hz

Cooling Capacity (BTUH) [kW]
036 = 36,000 [10.55]
042 = 42,000 [12.31]
048 = 48,000 [14.07]
060 = 60,000 [17.58]

Future Technical Variations

Design Series (R-410A)

Efficiency Designation
N = 13 SEER
P = 14 SEER

Product Classification
K = Rooftop—Commercial

Tradebrand
R = Rheem Package Gas Electric

[] Designates Metric Conversions



FACTORY INSTALLED OPTION CODES FOR RKNL/RKPL (3-5 TON) [10.6-17.6 kW] (A036, A042, A048, A060)

Option Code	Hail Guard	Stainless Steel Heat Exchanger	Non-Powered Convenience Outlet/Unfused Service Disconnect	Low Ambient/ Freeze Stat
AD	x			
AJ		x		
AH			x	
AP				x
BF	x		x	
BG	x	x		
BY	x			x
JB		x	x	
CR	x	x		x
DN	x	x	x	x

Economizer Codes

A = No Economizer

B = Economizer with Single Enthalpy

Example: RKNL-A060JK13E**XX** (where **XX** is factory installed option)

Example: No Options

RKNL-A060JK13E

Example: No option with factory installed economizer

RKNL-A060JK13EAAB

Example: Options with stainless steel heat exchanger and no factory installed economizer

RKNL-A060JK13EAJA

Example: Options same as above with factory installed economizer

RKNL-A060JK13EAJB

ECONOMIZER SELECTION FOR RKNL/RKPL (3-5 TON) [10.6-17.6 kW]

	No Economizer	Single Enthalpy Economizer With Barometric Relief
A	x	
B		x

"x" indicates factory installed option.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A036CK08E	A036CK12E	A036CL08E	A036CL12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]
EER/SEER ²	11.4/13	11.4/13	11.4/13	11.4/13
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
Net Sensible Capacity Btu [kW]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]
Net Latent Capacity Btu [kW]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]
Net System Power kW	3.1	3.1	3.1	3.1
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Direct/3	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1075	1075	1725	1725
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A036CM08E	A036CM12E	A036DK08E	A036DK12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]
EER/SEER ²	11.4/13	11.4/13	11.4/13	11.4/13
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
Net Sensible Capacity Btu [kW]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]
Net Latent Capacity Btu [kW]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]
Net System Power kW	3.1	3.1	3.1	3.1
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1725	1725	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A036DL08E	A036DL12E	A036DM08E	A036DM12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]
EER/SEER ²	11.4/13	11.4/13	11.4/13	11.4/13
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
Net Sensible Capacity Btu [kW]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]
Net Latent Capacity Btu [kW]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]
Net System Power kW	3.1	3.1	3.1	3.1
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1725	1725	1725	1725
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A036JK08E	A036JK08X	A036JK12E	A036JK12X
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]
EER/SEER ²	11.4/13	11.4/13	11.4/13	11.4/13
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
Net Sensible Capacity Btu [kW]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]
Net Latent Capacity Btu [kW]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]
Net System Power kW	3.1	3.1	3.1	3.1
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	80,000 [23.44]	120,000 [35.16]	120,000 [35.16]
Heating Output Btu [kW]	62,500 [18.31]	62,500 [18.31]	94,500 [27.69]	94,500 [27.69]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	4	6	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Direct/3	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A036YL08E	A036YL12E	A036YM08E	A036YM12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]
EER/SEER ²	11.4/13	11.4/13	11.4/13	11.4/13
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
Net Sensible Capacity Btu [kW]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]
Net Latent Capacity Btu [kW]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]
Net System Power kW	3.1	3.1	3.1	3.1
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1725	1725	1725	1725
Motor Frame Size	56	56	56	56
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A042CK08E	A042CK12E	A042CL08E	A042CL12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]
EER/SEER ²	11.2/13	11.2/13	11.2/13	11.2/13
Nominal CFM/AHRI Rated CFM [L/s]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]
Net Sensible Capacity Btu [kW]	30,600 [8.97]	30,600 [8.97]	30,600 [8.97]	30,600 [8.97]
Net Latent Capacity Btu [kW]	9,900 [2.9]	9,900 [2.9]	9,900 [2.9]	9,900 [2.9]
Net System Power kW	3.62	3.62	3.62	3.62
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Direct/3	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1075	1075	1725	1725
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	125 [3544]	125 [3544]	125 [3544]	125 [3544]
Weights				
Net Weight lbs. [kg]	570 [259]	579 [263]	570 [259]	579 [263]
Ship Weight lbs. [kg]	577 [262]	586 [266]	577 [262]	586 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A042CM08E	A042CM12E	A042DK08E	A042DK12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]
EER/SEER ²	11.2/13	11.2/13	11.2/13	11.2/13
Nominal CFM/AHRI Rated CFM [L/s]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]
Net Sensible Capacity Btu [kW]	30,600 [8.97]	30,600 [8.97]	30,600 [8.97]	30,600 [8.97]
Net Latent Capacity Btu [kW]	9,900 [2.9]	9,900 [2.9]	9,900 [2.9]	9,900 [2.9]
Net System Power kW	3.62	3.62	3.62	3.62
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1725	1725	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	125 [3544]	125 [3544]	125 [3544]	125 [3544]
Weights				
Net Weight lbs. [kg]	570 [259]	570 [259]	570 [259]	579 [263]
Ship Weight lbs. [kg]	577 [262]	577 [262]	577 [262]	586 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A042DL08E	A042DL12E	A042DM08E	A042DM12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]
EER/SEER ²	11.2/13	11.2/13	11.2/13	11.2/13
Nominal CFM/AHRI Rated CFM [L/s]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]
Net Sensible Capacity Btu [kW]	30,600 [8.97]	30,600 [8.97]	30,600 [8.97]	30,600 [8.97]
Net Latent Capacity Btu [kW]	9,900 [2.9]	9,900 [2.9]	9,900 [2.9]	9,900 [2.9]
Net System Power kW	3.62	3.62	3.62	3.62
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1725	1725	1725	1725
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	125 [3544]	125 [3544]	125 [3544]	125 [3544]
Weights				
Net Weight lbs. [kg]	570 [259]	570 [259]	570 [259]	570 [259]
Ship Weight lbs. [kg]	577 [262]	577 [262]	577 [262]	577 [262]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A042JK08E	A042JK08X	A042JK12E	A042JK12X
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]
EER/SEER ²	11.2/13	11.2/13	11.2/13	11.2/13
Nominal CFM/AHRI Rated CFM [L/s]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]
Net Sensible Capacity Btu [kW]	30,600 [8.97]	30,600 [8.97]	30,600 [8.97]	30,600 [8.97]
Net Latent Capacity Btu [kW]	9,900 [2.9]	9,900 [2.9]	9,900 [2.9]	9,900 [2.9]
Net System Power kW	3.62	3.62	3.62	3.62
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	80,000 [23.44]	120,000 [35.16]	120,000 [35.16]
Heating Output Btu [kW]	62,500 [18.31]	62,500 [18.31]	94,500 [27.69]	94,500 [27.69]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	4	6	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Direct/3	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1075	1075	1725	1075
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	125 [3544]	125 [3544]	125 [3544]	125 [3544]
Weights				
Net Weight lbs. [kg]	570 [259]	570 [259]	579 [263]	579 [263]
Ship Weight lbs. [kg]	577 [262]	577 [262]	586 [266]	586 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A048CK08E	A048CK10E	A048CK13E	A048CL08E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]
EER/SEER ²	11.45/13	11.45/13	11.45/13	11.45/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]
Net Sensible Capacity Btu [kW]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]
Net Latent Capacity Btu [kW]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]
Net System Power kW	4.19	4.19	4.19	4.19
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	135,000 [39.55]	80,000 [23.44]
Heating Output Btu [kW]	64,800 [18.99]	81,000 [23.73]	109,400 [32.05]	64,800 [18.99]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	40-70 [22.2/38.9]	50-80 [27.8/44.4]	30-60 [16.7/33.3]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	5	6	4
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Direct/3	Direct/3	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1075	1075	1075	1725
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	585 [265]	580 [263]
Ship Weight lbs. [kg]	587 [266]	587 [266]	592 [269]	587 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A048CL10E	A048CL13E	A048CM08E	A048CM10E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]
EER/SEER ²	11.45/13	11.45/13	11.45/13	11.45/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]
Net Sensible Capacity Btu [kW]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]
Net Latent Capacity Btu [kW]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]
Net System Power kW	4.19	4.19	4.19	4.19
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.55]	80,000 [23.44]	100,000 [29.3]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	64,800 [18.99]	81,000 [23.73]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	30-60 [16.7/33.3]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	4	5
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	3/4	3/4
Motor RPM	1725	1725	1725	1725
Motor Frame Size	48	48	56	56
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	585 [265]	580 [263]	580 [263]
Ship Weight lbs. [kg]	587 [266]	592 [269]	587 [266]	587 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A048CM13E	A048DK08E	A048DK10E	A048DK13E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]
EER/SEER ²	11.45/13	11.45/13	11.45/13	11.45/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]
Net Sensible Capacity Btu [kW]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]
Net Latent Capacity Btu [kW]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]
Net System Power kW	4.19	4.19	4.19	4.19
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	135,000 [39.55]	80,000 [23.44]	100,000 [29.3]	135,000 [39.55]
Heating Output Btu [kW]	109,400 [32.05]	64,800 [18.99]	81,000 [23.73]	109,400 [32.05]
Temperature Rise Range °F [°C]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	6	4	5	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Direct/3	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	3/4	1/2	1/2	1/2
Motor RPM	1725	1075	1075	1075
Motor Frame Size	56	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	580 [263]	585 [265]
Ship Weight lbs. [kg]	587 [266]	587 [266]	587 [266]	592 [269]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A048DL08E	A048DL10E	A048DL13E	A048DM08E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]
EER/SEER ²	11.45/13	11.45/13	11.45/13	11.45/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]
Net Sensible Capacity Btu [kW]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]
Net Latent Capacity Btu [kW]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]
Net System Power kW	4.19	4.19	4.19	4.19
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	135,000 [39.55]	80,000 [23.44]
Heating Output Btu [kW]	64,800 [18.99]	81,000 [23.73]	109,400 [32.05]	64,800 [18.99]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	5	6	4
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	3/4
Motor RPM	1725	1725	1725	1725
Motor Frame Size	48	48	48	56
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	585 [265]	580 [263]
Ship Weight lbs. [kg]	587 [266]	587 [266]	592 [269]	587 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A048DM10E	A048DM13E	A048JK08E	A048JK08X
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]
EER/SEER ²	11.45/13	11.45/13	11.45/13	11.45/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]
Net Sensible Capacity Btu [kW]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]
Net Latent Capacity Btu [kW]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]
Net System Power kW	4.19	4.19	4.19	4.19
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.55]	80,000 [23.44]	80,000 [23.44]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	62,500 [18.31]	62,500 [18.31]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	30-60 [16.7/33.3]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	4	4
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	3/4	3/4	1/2	1/2
Motor RPM	1725	1725	1075	1075
Motor Frame Size	56	56	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	580 [263]	580 [263]
Ship Weight lbs. [kg]	587 [266]	587 [266]	587 [266]	587 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A048JK10E	A048JK10X	A048JK13E	A048JK13X
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]
EER/SEER ²	11.45/13	11.45/13	11.45/13	11.45/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]
Net Sensible Capacity Btu [kW]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]
Net Latent Capacity Btu [kW]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]
Net System Power kW	4.19	4.19	4.19	4.19
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	100,000 [29.3]	135,000 [39.55]	135,000 [39.55]
Heating Output Btu [kW]	78,500 [23]	78,500 [23]	106,500 [31.2]	106,500 [31.2]
Temperature Rise Range °F [°C]	40-70 [22.2/38.9]	40-70 [22.2/38.9]	50-80 [27.8/44.4]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	5	6	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Direct/3	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	585 [265]	585 [265]
Ship Weight lbs. [kg]	587 [266]	587 [266]	592 [269]	592 [269]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A048YL10E	A048YL13E	A048YM10E	A048YM13E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]	61,000 [17.87]
EER/SEER ²	11.45/13	11.45/13	11.45/13	11.45/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]
Net Sensible Capacity Btu [kW]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]
Net Latent Capacity Btu [kW]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]
Net System Power kW	4.19	4.19	4.19	4.19
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.55]	100,000 [29.3]	135,000 [39.55]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	81,000 [23.73]	109,400 [32.05]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	5	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1725	1725	1725	1725
Motor Frame Size	56	56	56	56
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	585 [265]	580 [263]	580 [263]
Ship Weight lbs. [kg]	587 [266]	592 [269]	587 [266]	587 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A060CK10E	A060CK13E	A060CL10E	A060CL13E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]
EER/SEER ²	11.1/13	11.1/13	11.1/13	11.1/13
Nominal CFM/AHRI Rated CFM [L/s]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]
AHRI Net Cooling Capacity Btu [kW]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]
Net Sensible Capacity Btu [kW]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]
Net Latent Capacity Btu [kW]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]
Net System Power kW	5.32	5.32	5.32	5.32
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.55]	100,000 [29.3]	135,000 [39.55]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	81,000 [23.73]	109,400 [32.05]
Temperature Rise Range °F [°C]	25-55 [13.9/30.6]	40-70 [22.2/38.9]	25-55 [13.9/30.6]	40-70 [22.2/38.9]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	5	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	83	83	83	83
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]	3930 [1855]	3930 [1855]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Direct/3	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1	1	3/4	3/4
Motor RPM	1075	1075	1725	1725
Motor Frame Size	48	48	56	56
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	160 [4536]	160 [4536]	160 [4536]	160 [4536]
Weights				
Net Weight lbs. [kg]	590 [268]	597 [271]	590 [268]	597 [271]
Ship Weight lbs. [kg]	597 [271]	604 [274]	597 [271]	604 [274]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A060CM10E	A060CM13E	A060DK10E	A060DK13E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]
EER/SEER ²	11.1/13	11.1/13	11.1/13	11.1/13
Nominal CFM/AHRI Rated CFM [L/s]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]
AHRI Net Cooling Capacity Btu [kW]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]
Net Sensible Capacity Btu [kW]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]
Net Latent Capacity Btu [kW]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]
Net System Power kW	5.32	5.32	5.32	5.32
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.55]	100,000 [29.3]	135,000 [39.55]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	81,000 [23.73]	109,400 [32.05]
Temperature Rise Range °F [°C]	25-55 [13.9/30.6]	40-70 [22.2/38.9]	25-55 [13.9/30.6]	40-70 [22.2/38.9]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	5	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	83	83	83	83
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]	3930 [1855]	3930 [1855]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1725	1725	1075	1075
Motor Frame Size	56	56	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	160 [4536]	160 [4536]	160 [4536]	160 [4536]
Weights				
Net Weight lbs. [kg]	590 [268]	590 [268]	590 [268]	597 [271]
Ship Weight lbs. [kg]	597 [271]	597 [271]	597 [271]	604 [274]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A060DL10E	A060DL13E	A060DM10E	A060DM13E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]
EER/SEER ²	11.1/13	11.1/13	11.1/13	11.1/13
Nominal CFM/AHRI Rated CFM [L/s]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]
AHRI Net Cooling Capacity Btu [kW]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]
Net Sensible Capacity Btu [kW]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]
Net Latent Capacity Btu [kW]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]
Net System Power kW	5.32	5.32	5.32	5.32
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.55]	100,000 [29.3]	135,000 [39.55]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	81,000 [23.73]	109,400 [32.05]
Temperature Rise Range °F [°C]	25-55 [13.9/30.6]	40-70 [22.2/38.9]	25-55 [13.9/30.6]	40-70 [22.2/38.9]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	5	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	83	83	83	83
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]	3930 [1855]	3930 [1855]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	3/4	1	1
Motor RPM	1725	1725	1725	1725
Motor Frame Size	56	56	56	56
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	160 [4536]	160 [4536]	160 [4536]	160 [4536]
Weights				
Net Weight lbs. [kg]	590 [268]	597 [271]	590 [268]	590 [268]
Ship Weight lbs. [kg]	597 [271]	604 [274]	597 [271]	597 [271]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A060JK10E	A060JK10X	A060JK13E	A060JK13X
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]
EER/SEER ²	11.1/13	11.1/13	11.1/13	11.1/13
Nominal CFM/AHRI Rated CFM [L/s]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]
AHRI Net Cooling Capacity Btu [kW]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]
Net Sensible Capacity Btu [kW]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]
Net Latent Capacity Btu [kW]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]
Net System Power kW	5.32	5.32	5.32	5.32
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	100,000 [29.3]	135,000 [39.55]	135,000 [39.55]
Heating Output Btu [kW]	78,500 [23]	78,500 [23]	106,500 [31.2]	106,500 [31.2]
Temperature Rise Range °F [°C]	25-55 [13.9/30.6]	25-55 [13.9/30.6]	40-70 [22.2/38.9]	40-70 [22.2/38.9]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	5	6	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	83	83	83	83
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]	3930 [1855]	3930 [1855]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Direct/3	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	160 [4536]	160 [4536]	160 [4536]	160 [4536]
Weights				
Net Weight lbs. [kg]	590 [268]	590 [268]	597 [271]	597 [271]
Ship Weight lbs. [kg]	597 [271]	597 [271]	604 [274]	604 [274]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKNL- Series	A060YL10E	A060YL13E	A060YM10E	A060YM13E
Cooling Performance¹				
Gross Cooling Capacity Btu [kW]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]
EER/SEER ²	11.1/13	11.1/13	11.1/13	11.1/13
Nominal CFM/AHRI Rated CFM [L/s]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]
AHRI Net Cooling Capacity Btu [kW]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]
Net Sensible Capacity Btu [kW]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]
Net Latent Capacity Btu [kW]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]
Net System Power kW	5.32	5.32	5.32	5.32
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.55]	100,000 [29.3]	135,000 [39.55]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	81,000 [23.73]	109,400 [32.05]
Temperature Rise Range °F [°C]	25-55 [13.9/30.6]	40-70 [22.2/38.9]	25-55 [13.9/30.6]	40-70 [22.2/38.9]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	5	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴				
	83	83	83	83
Outdoor Coil—Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
Tube Size in. [mm] OD	Rifled	Rifled	Rifled	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type				
Tube Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Size in. [mm]	Rifled	Rifled	Rifled	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]	3930 [1855]	3930 [1855]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type				
	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	3/4	1	1
Motor RPM	1725	1725	1725	1725
Motor Frame Size	56	56	56	56
Filter—Type				
	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]				
	160 [4536]	160 [4536]	160 [4536]	160 [4536]
Weights				
Net Weight lbs. [kg]	590 [268]	597 [271]	590 [268]	590 [268]
Ship Weight lbs. [kg]	597 [271]	604 [274]	597 [271]	597 [271]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A036CK08E	A036CK12E	A036CL08E	A036CL12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,600 [10.72]	36,600 [10.72]	36,600 [10.72]	36,600 [10.72]
EER/SEER ²	12.05/14	12.05/14	12.05/14	12.05/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	35,800 [10.49]	35,800 [10.49]	35,800 [10.49]	35,800 [10.49]
Net Sensible Capacity Btu [kW]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]
Net Latent Capacity Btu [kW]	8,800 [2.58]	8,800 [2.58]	8,800 [2.58]	8,800 [2.58]
Net System Power kW	2.97	2.97	2.97	2.97
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/4	Direct/4	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1075	1075	1725	1725
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A036CM08E	A036CM12E	A036DK08E	A036DK12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,600 [10.72]	36,600 [10.72]	36,600 [10.72]	36,600 [10.72]
EER/SEER ²	12.05/14	12.05/14	12.05/14	12.05/14
Nominal CFM/ARI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
ARI Net Cooling Capacity Btu [kW]	35,800 [10.49]	35,800 [10.49]	35,800 [10.49]	35,800 [10.49]
Net Sensible Capacity Btu [kW]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]
Net Latent Capacity Btu [kW]	8,800 [2.58]	8,800 [2.58]	8,800 [2.58]	8,800 [2.58]
Net System Power kW	2.97	2.97	2.97	2.97
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/4	Direct/4
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1725	1725	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A036DL08E	A036DL12E	A036DM08E	A036DM12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,600 [10.72]	36,600 [10.72]	36,600 [10.72]	36,600 [10.72]
EER/SEER ²	12.05/14	12.05/14	12.05/14	12.05/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	35,800 [10.49]	35,800 [10.49]	35,800 [10.49]	35,800 [10.49]
Net Sensible Capacity Btu [kW]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]
Net Latent Capacity Btu [kW]	8,800 [2.58]	8,800 [2.58]	8,800 [2.58]	8,800 [2.58]
Net System Power kW	2.97	2.97	2.97	2.97
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1725	1725	1725	1725
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A036JK08E	A036JK08X	A036JK12E	A036JK12X
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,600 [10.72]	36,600 [10.72]	36,600 [10.72]	36,600 [10.72]
EER/SEER ²	12.05/14	12.05/14	12.05/14	12.05/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	35,800 [10.49]	35,800 [10.49]	35,800 [10.49]	35,800 [10.49]
Net Sensible Capacity Btu [kW]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]
Net Latent Capacity Btu [kW]	8,800 [2.58]	8,800 [2.58]	8,800 [2.58]	8,800 [2.58]
Net System Power kW	2.97	2.97	2.97	2.97
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	80,000 [23.44]	120,000 [35.16]	120,000 [35.16]
Heating Output Btu [kW]	62,500 [18.31]	62,500 [18.31]	94,500 [27.69]	94,500 [27.69]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	4	6	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/4	Direct/4	Direct/4	Direct/4
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A042CK08E	A042CK12E	A042CL08E	A042CL12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	43,000 [12.6]	43,000 [12.6]	43,000 [12.6]	43,000 [12.6]
EER/SEER ²	11.85/14	11.85/14	11.85/14	11.85/14
Nominal CFM/AHRI Rated CFM [L/s]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]
Net Sensible Capacity Btu [kW]	31,200 [9.14]	31,200 [9.14]	31,200 [9.14]	31,200 [9.14]
Net Latent Capacity Btu [kW]	10,300 [3.02]	10,300 [3.02]	10,300 [3.02]	10,300 [3.02]
Net System Power kW	3.5	3.5	3.5	3.5
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/4	Direct/4	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	3/4	1/2	1/2
Motor RPM	1075	1075	1725	1725
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	125 [3544]	125 [3544]	125 [3544]	125 [3544]
Weights				
Net Weight lbs. [kg]	570 [259]	579 [263]	570 [259]	579 [263]
Ship Weight lbs. [kg]	577 [262]	586 [266]	577 [262]	586 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A042CM08E	A042CM12E	A042DK08E	A042DK12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	43,000 [12.6]	43,000 [12.6]	43,000 [12.6]	43,000 [12.6]
EER/SEER ²	11.85/14	11.85/14	11.85/14	11.85/14
Nominal CFM/AHRI Rated CFM [L/s]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]
Net Sensible Capacity Btu [kW]	31,200 [9.14]	31,200 [9.14]	31,200 [9.14]	31,200 [9.14]
Net Latent Capacity Btu [kW]	10,300 [3.02]	10,300 [3.02]	10,300 [3.02]	10,300 [3.02]
Net System Power kW	3.5	3.5	3.5	3.5
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/4	Direct/4
No. Motors	1	1	1	1
Motor HP	1/2	1/2	3/4	3/4
Motor RPM	1725	1725	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	125 [3544]	125 [3544]	125 [3544]	125 [3544]
Weights				
Net Weight lbs. [kg]	570 [259]	570 [259]	570 [259]	579 [263]
Ship Weight lbs. [kg]	577 [262]	577 [262]	577 [262]	586 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A042DL08E	A042DL12E	A042DM08E	A042DM12E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	43,000 [12.6]	43,000 [12.6]	43,000 [12.6]	43,000 [12.6]
EER/SEER ²	11.85/14	11.85/14	11.85/14	11.85/14
Nominal CFM/ARI Rated CFM [L/s]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]
ARI Net Cooling Capacity Btu [kW]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]
Net Sensible Capacity Btu [kW]	31,200 [9.14]	31,200 [9.14]	31,200 [9.14]	31,200 [9.14]
Net Latent Capacity Btu [kW]	10,300 [3.02]	10,300 [3.02]	10,300 [3.02]	10,300 [3.02]
Net System Power kW	3.5	3.5	3.5	3.5
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	120,000 [35.16]	80,000 [23.44]	120,000 [35.16]
Heating Output Btu [kW]	64,800 [18.99]	97,200 [28.48]	64,800 [18.99]	97,200 [28.48]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	6	4	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1725	1725	1725	1725
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	125 [3544]	125 [3544]	125 [3544]	125 [3544]
Weights				
Net Weight lbs. [kg]	570 [259]	570 [259]	570 [259]	570 [259]
Ship Weight lbs. [kg]	577 [262]	577 [262]	577 [262]	577 [262]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A042JK08E	A042JK08X	A042JK12E	A042JK12X
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	43,000 [12.6]	43,000 [12.6]	43,000 [12.6]	43,000 [12.6]
EER/SEER ²	11.85/14	11.85/14	11.85/14	11.85/14
Nominal CFM/AHRI Rated CFM [L/s]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]
Net Sensible Capacity Btu [kW]	31,200 [9.14]	31,200 [9.14]	31,200 [9.14]	31,200 [9.14]
Net Latent Capacity Btu [kW]	10,300 [3.02]	10,300 [3.02]	10,300 [3.02]	10,300 [3.02]
Net System Power kW	3.5	3.5	3.5	3.5
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	80,000 [23.44]	120,000 [35.16]	120,000 [35.16]
Heating Output Btu [kW]	62,500 [18.31]	62,500 [18.31]	94,500 [27.69]	94,500 [27.69]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	4	6	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/4	Direct/4	Direct/4	Direct/4
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1075	1075	1725	1075
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	125 [3544]	125 [3544]	125 [3544]	125 [3544]
Weights				
Net Weight lbs. [kg]	570 [259]	570 [259]	579 [263]	579 [263]
Ship Weight lbs. [kg]	577 [262]	577 [262]	586 [266]	586 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A048CK08E	A048CK10E	A048CK13E	A048CL08E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]
EER/SEER ²	12.15/14	12.15/14	12.15/14	12.15/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]
Net Sensible Capacity Btu [kW]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]
Net Latent Capacity Btu [kW]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]
Net System Power kW	4.03	4.03	4.03	4.03
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	135,000 [39.56]	80,000 [23.44]
Heating Output Btu [kW]	64,800 [18.99]	81,000 [23.73]	109,400 [32.05]	64,800 [18.99]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	40-70 [22.2/38.9]	50-80 [27.8/44.4]	30-60 [16.7/33.3]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	5	6	4
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/4	Direct/4	Direct/4	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	1/2
Motor RPM	1075	1075	1075	1725
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	585 [265]	580 [263]
Ship Weight lbs. [kg]	587 [266]	587 [266]	592 [269]	587 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A048CL10E	A048CL13E	A048CM08E	A048CM10E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]
EER/SEER ²	12.15/14	12.15/14	12.15/14	12.15/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]
Net Sensible Capacity Btu [kW]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]
Net Latent Capacity Btu [kW]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]
Net System Power kW	4.03	4.03	4.03	4.03
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.56]	80,000 [23.44]	100,000 [29.3]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	64,800 [18.99]	81,000 [23.73]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	30-60 [16.7/33.3]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	4	5
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	3/4	3/4
Motor RPM	1725	1725	1725	1725
Motor Frame Size	48	48	56	56
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	585 [265]	580 [263]	580 [263]
Ship Weight lbs. [kg]	587 [266]	592 [269]	587 [266]	587 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A048CM13E	A048DK08E	A048DK10E	A048DK13E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]
EER/SEER ²	12.15/14	12.15/14	12.15/14	12.15/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]
Net Sensible Capacity Btu [kW]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]
Net Latent Capacity Btu [kW]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]
Net System Power kW	4.03	4.03	4.03	4.03
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	135,000 [39.56]	80,000 [23.44]	100,000 [29.3]	135,000 [39.56]
Heating Output Btu [kW]	109,400 [32.05]	64,800 [18.99]	81,000 [23.73]	109,400 [32.05]
Temperature Rise Range °F [°C]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	40-70 [22.2/38.9]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	6	4	5	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Direct/4	Direct/4	Direct/4
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1725	1075	1075	1075
Motor Frame Size	56	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	580 [263]	585 [265]
Ship Weight lbs. [kg]	587 [266]	587 [266]	587 [266]	592 [269]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A048DL08E	A048DL10E	A048DL13E	A048DM08E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]
EER/SEER ²	12.15/14	12.15/14	12.15/14	12.15/14
Nominal CFM/ARI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
ARI Net Cooling Capacity Btu [kW]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]
Net Sensible Capacity Btu [kW]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]
Net Latent Capacity Btu [kW]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]
Net System Power kW	4.03	4.03	4.03	4.03
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	80,000 [23.44]	100,000 [29.3]	135,000 [39.56]	80,000 [23.44]
Heating Output Btu [kW]	64,800 [18.99]	81,000 [23.73]	109,400 [32.05]	64,800 [18.99]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	4	5	6	4
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	3/4
Motor RPM	1725	1725	1725	1725
Motor Frame Size	48	48	48	56
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	585 [265]	580 [263]
Ship Weight lbs. [kg]	587 [266]	587 [266]	592 [269]	587 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A048DM10E	A048DM13E	A048JK08E	A048JK08X
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]
EER/SEER ²	12.15/14	12.15/14	12.15/14	12.15/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]
Net Sensible Capacity Btu [kW]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]
Net Latent Capacity Btu [kW]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]
Net System Power kW	4.03	4.03	4.03	4.03
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.56]	80,000 [23.44]	80,000 [23.44]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	62,500 [18.31]	62,500 [18.31]
Temperature Rise Range °F [°C]	30-60 [16.7/33.3]	50-80 [27.8/44.4]	30-60 [16.7/33.3]	30-60 [16.7/33.3]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	4	4
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/4	Direct/4
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1725	1725	1075	1075
Motor Frame Size	56	56	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	580 [263]	580 [263]
Ship Weight lbs. [kg]	587 [266]	587 [266]	587 [266]	587 [266]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A048JK10E	A048JK10X	A048JK13E	A048JK13X
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]
EER/SEER ²	12.15/14	12.15/14	12.15/14	12.15/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]
Net Sensible Capacity Btu [kW]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]
Net Latent Capacity Btu [kW]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]
Net System Power kW	4.03	4.03	4.03	4.03
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	100,000 [29.3]	135,000 [39.56]	135,000 [39.56]
Heating Output Btu [kW]	78,500 [23]	78,500 [23]	106,500 [31.2]	106,500 [31.2]
Temperature Rise Range °F [°C]	40-70 [22.2/38.9]	40-70 [22.2/38.9]	50-80 [27.8/44.4]	50-80 [27.8/44.4]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	5	6	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/4	Direct/4	Direct/4	Direct/4
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	585 [265]	585 [265]
Ship Weight lbs. [kg]	587 [266]	587 [266]	592 [269]	592 [269]

See Page 47 for Notes.

[] Designates Metric Conversions

**NOM. SIZES 3-5 TONS [10.6-17.6 kW]**

Model RKPL- Series	A060CK10E	A060CK13E	A060CL10E	A060CL13E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	61,500 [18.02]	61,500 [18.02]	61,500 [18.02]	61,500 [18.02]
EER/SEER ²	12.25/14	12.25/14	12.25/14	12.25/14
Nominal CFM/AHRI Rated CFM [L/s]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]
Net Sensible Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]
Net Latent Capacity Btu [kW]	17,500 [5.13]	17,500 [5.13]	17,500 [5.13]	17,500 [5.13]
Net System Power kW	4.9	4.9	4.9	4.9
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.56]	100,000 [29.3]	135,000 [39.56]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	81,000 [23.73]	109,400 [32.05]
Temperature Rise Range °F [°C]	25-55 [13.9/30.6]	40-70 [22.2/38.9]	25-55 [13.9/30.6]	40-70 [22.2/38.9]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	5	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	83	83	83	83
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]	3930 [1855]	3930 [1855]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/11x10 [279.4x254]	1/11x10 [279.4x254]
Drive Type/No. Speeds	Direct/3	Direct/3	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1	1	3/4	3/4
Motor RPM	1075	1075	1725	1725
Motor Frame Size	48	48	56	56
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	147 [4167]	147 [4167]	147 [4167]	147 [4167]
Weights				
Net Weight lbs. [kg]	590 [268]	597 [271]	590 [268]	597 [271]
Ship Weight lbs. [kg]	597 [271]	604 [274]	597 [271]	604 [274]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A060CM10E	A060CM13E	A060DK10E	A060DK13E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	61,500 [18.02]	61,500 [18.02]	61,500 [18.02]	61,500 [18.02]
EER/SEER ²	12.25/14	12.25/14	12.25/14	12.25/14
Nominal CFM/AHRI Rated CFM [L/s]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]
Net Sensible Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]
Net Latent Capacity Btu [kW]	17,500 [5.13]	17,500 [5.13]	17,500 [5.13]	17,500 [5.13]
Net System Power kW	4.9	4.9	4.9	4.9
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.56]	100,000 [29.3]	135,000 [39.56]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	81,000 [23.73]	109,400 [32.05]
Temperature Rise Range °F [°C]	25-55 [13.9/30.6]	40-70 [22.2/38.9]	25-55 [13.9/30.6]	40-70 [22.2/38.9]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	5	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	83	83	83	83
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]	3930 [1855]	3930 [1855]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/11x10 [279.4x254]	1/11x10 [279.4x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1725	1725	1075	1075
Motor Frame Size	56	56	48	48
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	147 [4167]	147 [4167]	147 [4167]	147 [4167]
Weights				
Net Weight lbs. [kg]	590 [268]	590 [268]	590 [268]	597 [271]
Ship Weight lbs. [kg]	597 [271]	597 [271]	597 [271]	604 [274]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A060DL10E	A060DL13E	A060DM10E	A060DM13E
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	61,500 [18.02]	61,500 [18.02]	61,500 [18.02]	61,500 [18.02]
EER/SEER ²	12.25/14	12.25/14	12.25/14	12.25/14
Nominal CFM/AHRI Rated CFM [L/s]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]
Net Sensible Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]
Net Latent Capacity Btu [kW]	17,500 [5.13]	17,500 [5.13]	17,500 [5.13]	17,500 [5.13]
Net System Power kW	4.9	4.9	4.9	4.9
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	135,000 [39.56]	100,000 [29.3]	135,000 [39.56]
Heating Output Btu [kW]	81,000 [23.73]	109,400 [32.05]	81,000 [23.73]	109,400 [32.05]
Temperature Rise Range °F [°C]	25-55 [13.9/30.6]	40-70 [22.2/38.9]	25-55 [13.9/30.6]	40-70 [22.2/38.9]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	6	5	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	83	83	83	83
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]	3930 [1855]	3930 [1855]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/11x10 [279.4x254]	1/11x10 [279.4x254]	1/11x10 [279.4x254]	1/11x10 [279.4x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	3/4	1	1
Motor RPM	1725	1725	1725	1725
Motor Frame Size	56	56	56	56
Filter—Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	147 [4167]	147 [4167]	147 [4167]	147 [4167]
Weights				
Net Weight lbs. [kg]	590 [268]	597 [271]	590 [268]	590 [268]
Ship Weight lbs. [kg]	597 [271]	604 [274]	597 [271]	597 [271]

See Page 47 for Notes.

[] Designates Metric Conversions



NOM. SIZES 3-5 TONS [10.6-17.6 kW]

Model RKPL- Series	A060JK10E	A060JK10X	A060JK13E	A060JK13X
Cooling Performance¹				
Gross Cooling Capacity Btu [kW]	61,500 [18.02]	61,500 [18.02]	61,500 [18.02]	61,500 [18.02]
EER/SEER ²	12.25/14	12.25/14	12.25/14	12.25/14
Nominal CFM/AHRI Rated CFM [L/s]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]
Net Sensible Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]
Net Latent Capacity Btu [kW]	17,500 [5.13]	17,500 [5.13]	17,500 [5.13]	17,500 [5.13]
Net System Power kW	4.9	4.9	4.9	4.9
Heating Performance (Package Gas/Electric)³				
Heating Input Btu [kW]	100,000 [29.3]	100,000 [29.3]	135,000 [39.56]	135,000 [39.56]
Heating Output Btu [kW]	78,500 [23]	78,500 [23]	106,500 [31.2]	106,500 [31.2]
Temperature Rise Range °F [°C]	25-55 [13.9/30.6]	25-55 [13.9/30.6]	40-70 [22.2/38.9]	40-70 [22.2/38.9]
AFUE %	80	80	80	80
Steady State Efficiency (%)	81	81	81	81
No. Burners	5	5	6	6
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴				
	83	83	83	83
Outdoor Coil—Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
Tube Size in. [mm] OD	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type				
Tube Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]	3930 [1855]	3930 [1855]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type				
FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Direct/3	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	1	1	1	1
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type				
Disposable	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]				
	147 [4167]	147 [4167]	147 [4167]	147 [4167]
Weights				
Net Weight lbs. [kg]	590 [268]	590 [268]	597 [271]	597 [271]
Ship Weight lbs. [kg]	597 [271]	597 [271]	604 [274]	604 [274]

See Page 47 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 $\pm 20\%$ 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. EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
3. Heating Performance limit settings and rating data were established and approved under laboratory test conditions using American National Standard Institute standards. Ratings shown are for elevations up to 2000 feet. For elevations above 2000 feet, ratings should be reduced at the rate of 4% for each 1000 feet above sea level.
4. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.



GROSS SYSTEMS PERFORMANCE DATA—RKNL-A036

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1500 [707.9]	1200 [566.3]	900 [424.8]	1500 [707.9]	1200 [566.3]	900 [424.8]	1500 [707.9]	1200 [566.3]	900 [424.8]
DR ①			.16	.12	.06	.16	.12	.06	.16	.12	.06
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	46.6 [13.66] 28.3 [8.29] 2.1	44.6 [13.07] 25.3 [7.41] 2.1	42.5 [12.46] 22.4 [6.56] 2.0	43.2 [12.66] 33.4 [9.79] 2.2	41.4 [12.13] 29.9 [8.76] 2.1	39.5 [11.58] 26.4 [7.74] 2.1	40.2 [11.78] 38.6 [11.31] 2.2	38.4 [11.25] 34.6 [10.14] 2.1	36.7 [10.76] 30.6 [8.97] 2.1
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	45.4 [13.31] 27.7 [8.12] 2.3	43.5 [12.75] 24.8 [7.27] 2.2	41.5 [12.16] 21.9 [6.42] 2.2	42.1 [12.34] 32.8 [9.61] 2.3	40.3 [11.81] 29.4 [8.62] 2.3	38.4 [11.25] 25.9 [7.59] 2.2	39.0 [11.43] 38.0 [11.14] 2.3	37.3 [10.93] 34.0 [9.96] 2.3	35.6 [10.43] 30.1 [8.82] 2.2
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	44.3 [12.98] 27.1 [7.94] 2.4	42.3 [12.40] 24.2 [7.09] 2.3	40.4 [11.84] 21.4 [6.27] 2.3	40.9 [11.99] 32.2 [9.44] 2.4	39.2 [11.49] 28.8 [8.44] 2.4	37.4 [10.96] 25.4 [7.44] 2.3	37.9 [11.11] 37.4 [10.96] 2.5	36.2 [10.61] 33.5 [9.82] 2.4	34.6 [10.14] 29.6 [8.67] 2.4
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	43.1 [12.63] 26.4 [7.74] 2.5	41.2 [12.07] 23.7 [6.95] 2.5	39.3 [11.52] 20.9 [6.13] 2.4	39.8 [11.66] 31.5 [9.23] 2.6	38.0 [11.14] 28.3 [8.29] 2.5	36.3 [10.64] 25.0 [7.33] 2.5	36.7 [10.76] 36.7 [10.76] 2.6	35.1 [10.29] 32.9 [9.64] 2.5	33.5 [9.82] 29.1 [8.53] 2.5
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	41.9 [12.28] 25.8 [7.56] 2.7	40.1 [11.75] 23.1 [6.77] 2.6	38.3 [11.22] 20.4 [5.98] 2.6	38.6 [11.31] 30.9 [9.06] 2.7	36.9 [10.81] 27.7 [8.12] 2.7	35.2 [10.32] 24.5 [7.18] 2.6	35.5 [10.40] 35.5 [10.40] 2.7	33.9 [9.94] 32.4 [9.50] 2.7	32.4 [9.50] 28.6 [8.38] 2.6
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	40.7 [11.93] 25.2 [7.39] 2.8	38.9 [11.40] 22.5 [6.59] 2.8	37.1 [10.87] 19.9 [5.83] 2.7	37.3 [10.93] 30.3 [8.88] 2.9	35.7 [10.46] 27.1 [7.94] 2.8	34.1 [9.99] 23.9 [7.00] 2.7	34.3 [10.05] 34.3 [10.05] 2.9	32.8 [9.61] 31.8 [9.32] 2.8	31.3 [9.17] 28.1 [8.24] 2.8
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	39.4 [11.55] 24.5 [7.18] 2.9	37.7 [11.05] 21.9 [6.42] 2.9	36.0 [10.55] 19.4 [5.69] 2.8	36.1 [10.58] 29.6 [8.67] 3.0	34.5 [10.11] 26.5 [7.77] 2.9	32.9 [9.64] 23.4 [6.86] 2.9	33.0 [9.67] 33.0 [9.67] 3.0	31.6 [9.26] 31.2 [9.14] 2.9	30.1 [8.82] 27.5 [8.06] 2.9
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	38.1 [11.17] 23.7 [6.95] 3.1	36.5 [10.70] 21.3 [6.24] 3.0	34.8 [10.20] 18.8 [5.51] 3.0	34.8 [10.20] 28.9 [8.47] 3.1	33.3 [9.76] 25.8 [7.56] 3.1	31.8 [9.32] 22.8 [6.68] 3.0	31.7 [9.29] 31.7 [9.29] 3.1	30.3 [8.88] 30.3 [8.88] 3.1	29.0 [8.50] 26.9 [7.88] 3.0
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	36.8 [10.79] 23.0 [6.74] 3.2	35.2 [10.32] 20.6 [6.04] 3.2	33.6 [9.85] 18.2 [5.33] 3.1	33.5 [9.82] 28.1 [8.24] 3.3	32.0 [9.38] 25.1 [7.36] 3.2	30.6 [8.97] 22.2 [6.51] 3.1	30.4 [8.91] 30.4 [8.91] 3.3	29.1 [8.53] 29.1 [8.53] 3.2	27.7 [8.12] 26.3 [7.71] 3.1

GROSS SYSTEMS PERFORMANCE DATA—RKNL-A042

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1810 [854.2]	1450 [684.3]	1090 [514.4]	1810 [854.2]	1450 [684.3]	1090 [514.4]	1810 [854.2]	1450 [684.3]	1090 [514.4]
DR ①			.23	.2	.15	.23	.2	.15	.23	.2	.15
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	52.9 [15.50] 32.9 [9.64] 2.5	50.6 [14.83] 29.4 [8.62] 2.5	48.3 [14.16] 26.0 [7.62] 2.4	49.8 [14.59] 39.1 [11.46] 2.5	47.6 [13.95] 35.0 [10.26] 2.5	45.5 [13.33] 30.9 [9.06] 2.4	47.4 [13.89] 45.3 [13.28] 2.5	45.3 [13.28] 40.6 [11.90] 2.5	43.3 [12.69] 35.9 [10.52] 2.4
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	51.5 [15.09] 32.1 [9.41] 2.7	49.3 [14.45] 28.7 [8.41] 2.6	47.0 [13.77] 25.4 [7.44] 2.6	48.5 [14.21] 38.3 [11.22] 2.7	46.3 [13.57] 34.3 [10.05] 2.6	44.2 [12.95] 30.3 [8.88] 2.6	46.0 [13.48] 44.8 [13.13] 2.7	44.0 [12.90] 39.9 [11.69] 2.6	42.0 [12.31] 35.3 [10.35] 2.6
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	50.1 [14.68] 31.3 [9.17] 2.8	48.0 [14.07] 28.1 [8.24] 2.8	45.8 [13.42] 24.8 [7.27] 2.7	47.1 [13.80] 37.6 [11.02] 2.8	45.0 [13.19] 33.6 [9.85] 2.8	43.0 [12.60] 29.7 [8.70] 2.7	44.7 [13.10] 44.0 [12.90] 2.8	42.7 [12.51] 39.3 [11.52] 2.8	40.8 [11.96] 34.7 [10.17] 2.7
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	48.7 [14.27] 30.7 [9.00] 3.0	46.6 [13.66] 27.4 [8.03] 2.9	44.5 [13.04] 24.2 [7.09] 2.9	45.7 [13.39] 36.9 [10.81] 3.0	43.7 [12.81] 33.0 [9.67] 2.9	41.7 [12.22] 29.2 [8.56] 2.9	43.2 [12.66] 43.0 [12.60] 3.0	41.4 [12.13] 38.7 [11.34] 2.9	39.5 [11.58] 34.2 [10.02] 2.9
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	47.3 [13.86] 30.0 [8.79] 3.2	45.2 [13.25] 26.8 [7.85] 3.1	43.2 [12.66] 23.7 [6.95] 3.0	44.2 [12.95] 36.2 [10.61] 3.2	42.3 [12.40] 32.4 [9.50] 3.1	40.4 [11.84] 28.6 [8.38] 3.0	41.8 [12.25] 41.8 [12.25] 3.2	40.0 [11.72] 38.0 [11.14] 3.1	38.2 [11.20] 33.6 [9.85] 3.0
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	45.8 [13.42] 29.2 [8.56] 3.3	43.8 [12.84] 26.2 [7.68] 3.3	41.8 [12.25] 23.1 [6.77] 3.2	42.7 [12.51] 35.4 [10.37] 3.3	40.9 [11.99] 31.7 [9.29] 3.2	39.0 [11.43] 28.0 [8.21] 3.2	40.3 [11.81] 40.3 [11.81] 3.3	38.6 [11.31] 37.4 [10.96] 3.2	36.8 [10.79] 33.0 [9.67] 3.2
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	44.3 [12.98] 28.5 [8.35] 3.5	42.3 [12.40] 25.5 [7.47] 3.4	40.4 [11.84] 22.5 [6.59] 3.3	41.2 [12.07] 34.7 [10.17] 3.5	39.4 [11.55] 31.0 [9.09] 3.4	37.6 [11.02] 27.4 [8.03] 3.3	38.8 [11.37] 38.8 [11.37] 3.5	37.1 [10.87] 36.7 [10.76] 3.4	35.4 [10.37] 32.4 [9.50] 3.3
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	42.7 [12.51] 27.6 [8.09] 3.6	40.8 [11.96] 24.7 [7.24] 3.6	39.0 [11.43] 21.8 [6.39] 3.5	39.6 [11.61] 33.8 [9.91] 3.6	37.9 [11.11] 30.3 [8.88] 3.6	36.2 [10.61] 26.7 [7.83] 3.5	37.2 [10.90] 37.2 [10.90] 3.6	35.6 [10.43] 35.6 [10.43] 3.6	34.0 [9.96] 31.7 [9.29] 3.5
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	41.1 [12.05] 26.6 [7.80] 3.8	39.3 [11.52] 23.9 [7.00] 3.7	37.5 [10.99] 21.1 [6.18] 3.6	38.0 [11.14] 32.9 [9.64] 3.8	36.3 [10.64] 29.4 [8.62] 3.7	34.7 [10.17] 26.0 [7.62] 3.6	35.6 [10.43] 35.6 [10.43] 3.8	34.0 [9.96] 34.0 [9.96] 3.7	32.5 [9.52] 31.0 [9.09] 3.6

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

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

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

[] Designates Metric Conversions



SYSTEMS PERFORMANCE—RKNL- SERIES

GROSS SYSTEMS PERFORMANCE DATA—RKNL-A048

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			2000 [943.8]	1600 [755.1]	1200 [566.3]	2000 [943.8]	1600 [755.1]	1200 [566.3]	2000 [943.8]	1600 [755.1]	1200 [566.3]
DR ①			.21	.18	.14	.21	.18	.14	.21	.18	.14
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	63.8 [18.70]	61.1 [17.91]	58.3 [17.09]	59.4 [17.41]	56.9 [16.68]	54.3 [15.91]	54.4 [15.94]	52.0 [15.24]	49.6 [14.54]
		Sens BTUH [kW]	38.9 [11.40]	34.9 [10.23]	30.8 [9.03]	45.9 [13.45]	41.1 [12.05]	36.3 [10.64]	53.0 [15.53]	47.5 [13.92]	42.0 [12.31]
		Power	2.9	2.8	2.8	2.9	2.9	2.8	2.9	2.8	2.7
	80 [26.7]	Total BTUH [kW]	62.0 [18.17]	59.3 [17.38]	56.6 [16.59]	57.6 [16.88]	55.1 [16.15]	52.6 [15.42]	52.5 [15.39]	50.3 [14.74]	48.0 [14.07]
		Sens BTUH [kW]	38.0 [11.14]	34.0 [9.96]	30.0 [8.79]	44.9 [13.16]	40.2 [11.78]	35.5 [10.40]	52.1 [15.27]	46.6 [13.66]	41.2 [12.07]
		Power	3.1	3.0	3.0	3.1	3.0	3.0	3.1	3.0	2.9
	85 [29.4]	Total BTUH [kW]	60.2 [17.64]	57.6 [16.88]	55.0 [16.12]	55.8 [16.35]	53.4 [15.65]	50.9 [14.92]	50.7 [14.86]	48.5 [14.21]	46.3 [13.57]
		Sens BTUH [kW]	37.0 [10.84]	33.1 [9.70]	29.2 [8.56]	43.9 [12.87]	39.3 [11.52]	34.7 [10.17]	50.7 [14.86]	45.7 [13.39]	40.4 [11.84]
		Power	3.3	3.2	3.1	3.3	3.2	3.2	3.3	3.2	3.1
	90 [32.2]	Total BTUH [kW]	58.4 [17.12]	55.9 [16.38]	53.3 [15.62]	54.0 [15.83]	51.7 [15.15]	49.3 [14.45]	48.9 [14.33]	46.8 [13.72]	44.7 [13.10]
		Sens BTUH [kW]	36.0 [10.55]	32.2 [9.44]	28.4 [8.32]	42.9 [12.57]	38.4 [11.25]	34.0 [9.96]	48.9 [14.33]	44.8 [13.13]	39.6 [11.61]
		Power	3.5	3.4	3.3	3.5	3.4	3.4	3.4	3.4	3.3
OUTDOOR DRY BULB TEMPERATURE °F [°C]	95 [35]	Total BTUH [kW]	56.6 [16.59]	54.2 [15.88]	51.7 [15.15]	52.2 [15.30]	50.0 [14.65]	47.7 [13.98]	47.2 [13.83]	45.1 [13.22]	43.1 [12.63]
		Sens BTUH [kW]	35.0 [10.26]	31.3 [9.17]	27.7 [8.12]	42.0 [12.31]	37.6 [11.02]	33.2 [9.73]	47.2 [13.83]	44.1 [12.92]	38.8 [11.37]
		Power	3.7	3.6	3.5	3.7	3.6	3.5	3.6	3.6	3.5
	100 [37.8]	Total BTUH [kW]	54.9 [16.09]	52.6 [15.42]	50.2 [14.71]	50.5 [14.80]	48.4 [14.18]	46.2 [13.54]	45.5 [13.33]	43.5 [12.75]	41.5 [12.16]
		Sens BTUH [kW]	34.1 [9.99]	30.5 [8.94]	26.9 [7.88]	41.0 [12.02]	36.7 [10.76]	32.5 [9.52]	45.5 [13.33]	43.1 [12.63]	38.1 [11.17]
		Power	3.9	3.8	3.7	3.9	3.8	3.7	3.8	3.8	3.7
	105 [40.6]	Total BTUH [kW]	53.3 [15.62]	51.0 [14.95]	48.7 [14.27]	48.9 [14.33]	46.8 [13.72]	44.7 [13.10]	43.9 [12.87]	42.0 [12.31]	40.1 [11.75]
		Sens BTUH [kW]	33.2 [9.73]	29.7 [8.70]	26.3 [7.71]	40.2 [11.78]	36.0 [10.55]	31.8 [9.32]	43.9 [12.87]	42.0 [12.31]	37.4 [10.96]
		Power	4.0	4.0	3.9	4.1	4.0	3.9	4.0	3.9	3.9
	110 [43.3]	Total BTUH [kW]	51.9 [15.21]	49.6 [14.54]	47.4 [13.89]	47.5 [13.92]	45.4 [13.31]	43.3 [12.69]	42.4 [12.43]	40.5 [11.87]	38.7 [11.34]
		Sens BTUH [kW]	32.4 [9.50]	29.1 [8.53]	25.7 [7.53]	39.4 [11.55]	35.3 [10.35]	31.2 [9.14]	42.4 [12.43]	40.5 [11.87]	36.8 [10.79]
		Power	4.2	4.2	4.1	4.3	4.2	4.1	4.2	4.1	4.1
OUTDOOR DRY BULB TEMPERATURE °F [°C]	115 [46.1]	Total BTUH [kW]	50.5 [14.80]	48.3 [14.16]	46.1 [13.51]	46.1 [13.51]	44.1 [12.92]	42.1 [12.34]	41.0 [12.02]	39.3 [11.52]	37.5 [10.99]
		Sens BTUH [kW]	31.8 [9.32]	28.5 [8.35]	25.1 [7.36]	38.8 [11.37]	34.7 [10.17]	30.7 [9.00]	41.0 [12.02]	39.3 [11.52]	36.3 [10.64]
		Power	4.4	4.3	4.3	4.5	4.4	4.3	4.4	4.3	4.2

GROSS SYSTEMS PERFORMANCE DATA—RKNL-A060

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			2380 [1123.2]	1900 [896.7]	1420 [670.1]	2380 [1123.2]	1900 [896.7]	1420 [670.1]	2380 [1123.2]	1900 [896.7]	1420 [670.1]
DR ①			.20	.17	.12	.20	.17	.12	.20	.17	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	78.2 [22.92]	74.8 [21.92]	71.4 [20.93]	72.4 [21.22]	69.2 [20.28]	66.1 [19.37]	70.5 [20.66]	67.4 [19.75]	64.3 [18.84]
		Sens BTUH [kW]	46.4 [13.60]	41.5 [12.16]	36.7 [10.76]	53.7 [15.74]	48.1 [14.10]	42.5 [12.46]	61.8 [18.11]	55.3 [16.21]	48.9 [14.33]
		Power	3.9	3.8	3.7	3.9	3.8	3.7	3.8	3.7	3.6
	80 [26.7]	Total BTUH [kW]	76.2 [22.33]	72.9 [21.36]	69.6 [20.40]	70.4 [20.63]	67.3 [19.72]	64.2 [18.82]	68.4 [20.05]	65.4 [19.17]	62.5 [18.32]
		Sens BTUH [kW]	45.5 [13.33]	40.7 [11.93]	36.0 [10.55]	52.8 [15.47]	47.2 [13.83]	41.7 [12.22]	60.9 [17.85]	54.5 [15.97]	48.1 [14.10]
		Power	4.1	4.0	3.9	4.1	4.0	3.9	4.0	3.9	3.8
	85 [29.4]	Total BTUH [kW]	74.1 [21.72]	70.8 [20.75]	67.6 [19.81]	68.2 [19.99]	65.3 [19.14]	62.3 [18.26]	66.3 [19.43]	63.4 [18.58]	60.5 [17.73]
		Sens BTUH [kW]	44.4 [13.01]	39.7 [11.63]	35.1 [10.29]	51.6 [15.12]	46.2 [13.54]	40.8 [11.96]	59.7 [17.50]	53.5 [15.68]	47.3 [13.86]
		Power	4.3	4.3	4.2	4.4	4.3	4.2	4.2	4.2	4.1
	90 [32.2]	Total BTUH [kW]	71.9 [21.07]	68.7 [20.13]	65.6 [19.23]	66.0 [19.34]	63.1 [18.49]	60.3 [17.67]	64.1 [18.79]	61.3 [17.97]	58.5 [17.14]
		Sens BTUH [kW]	43.1 [12.63]	38.6 [11.31]	34.1 [9.99]	50.4 [14.77]	45.1 [13.22]	39.9 [11.69]	58.5 [17.14]	52.4 [15.36]	46.3 [13.57]
		Power	4.6	4.5	4.4	4.6	4.5	4.4	4.5	4.4	4.3
OUTDOOR DRY BULB TEMPERATURE °F [°C]	95 [35]	Total BTUH [kW]	69.6 [20.40]	66.6 [19.52]	63.6 [18.64]	63.8 [18.70]	61.0 [17.88]	58.2 [17.06]	61.8 [18.11]	59.1 [17.32]	56.4 [16.53]
		Sens BTUH [kW]	41.8 [12.25]	37.5 [10.99]	33.1 [9.70]	49.1 [14.39]	44.0 [12.90]	38.9 [11.40]	57.2 [16.76]	51.2 [15.01]	45.3 [13.28]
		Power	4.8	4.7	4.6	4.8	4.7	4.6	4.7	4.6	4.5
	100 [37.8]	Total BTUH [kW]	67.4 [19.75]	64.4 [18.87]	61.5 [18.02]	61.5 [18.02]	58.9 [17.26]	56.2 [16.47]	59.6 [17.47]	57.0 [16.71]	54.4 [15.94]
		Sens BTUH [kW]	40.6 [11.90]	36.3 [10.64]	32.1 [9.41]	47.8 [14.01]	42.8 [12.54]	37.8 [11.08]	55.9 [16.38]	50.1 [14.68]	44.3 [12.98]
		Power	5.1	5.0	4.9	5.1	5.0	4.9	5.0	4.9	4.8
	105 [40.6]	Total BTUH [kW]	65.2 [19.11]	62.4 [18.29]	59.5 [17.44]	59.3 [17.38]	56.8 [16.65]	54.2 [15.88]	57.4 [16.82]	54.9 [16.09]	52.4 [15.36]
		Sens BTUH [kW]	39.3 [11.52]	35.2 [10.32]	31.1 [9.11]	46.6 [13.66]	41.8 [12.25]	36.9 [10.81]	54.7 [16.03]	49.0 [14.36]	43.3 [12.69]
		Power	5.3	5.2	5.1	5.3	5.2	5.1	5.2	5.1	5.0
	110 [43.3]	Total BTUH [kW]	63.1 [18.49]	60.4 [17.70]	57.6 [16.88]	57.3 [16.79]	54.8 [16.06]	52.3 [15.33]	55.3 [16.21]	52.9 [15.50]	50.5 [14.80]
		Sens BTUH [kW]	38.3 [11.22]	34.3 [10.05]	30.3 [8.88]	45.5 [13.33]	40.8 [11.96]	36.0 [10.55]	53.6 [15.71]	48.0 [14.07]	42.4 [12.43]
		Power	5.6	5.4	5.3	5.6	5.5	5.3	5.5	5.3	5.2
OUTDOOR DRY BULB TEMPERATURE °F [°C]	115 [46.1]	Total BTUH [kW]	61.1 [17.91]	58.5 [17.14]	55.8 [16.35]	55.3 [16.21]	52.9 [15.50]	50.5 [14.80]	53.3 [15.62]	51.0 [14.95]	48.7 [14.27]
		Sens BTUH [kW]	37.4 [10.96]	33.5 [9.82]	29.6 [8.67]	44.6 [13.07]	40.0 [11.72]	35.3 [10.35]	52.7 [15.44]	47.2 [13.83]	41.7 [12.22]
		Power	5.8	5.7	5.6	5.8	5.7	5.6	5.7	5.6	5.5

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

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

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

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA—RKPL-A036

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1500 [707.9]	1200 [566.3]	900 [424.8]	1500 [707.9]	1200 [566.3]	900 [424.8]	1500 [707.9]	1200 [566.3]	900 [424.8]
DR ①			.16	.12	.06	.16	.12	.06	.16	.12	.06
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	46.9 [13.75] 28.0 [8.21] 2.1	44.8 [13.13] 25.0 [7.33] 2.0	42.8 [12.54] 22.1 [6.48] 2.0	43.3 [12.69] 33.3 [9.76] 2.2	41.4 [12.13] 29.9 [8.76] 2.1	39.5 [11.58] 26.4 [7.74] 2.1	40.5 [11.87] 38.2 [11.20] 2.1	38.7 [11.34] 34.3 [10.05] 2.1	36.9 [10.81] 30.3 [8.88] 2.0
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	45.8 [13.42] 27.7 [8.12] 2.2	43.8 [12.84] 24.8 [7.27] 2.2	41.8 [12.25] 21.9 [6.42] 2.1	42.2 [12.37] 33.1 [9.70] 2.3	40.3 [11.81] 29.6 [8.67] 2.3	38.5 [11.28] 26.1 [7.65] 2.2	39.3 [11.52] 38.1 [11.17] 2.3	37.6 [11.02] 34.0 [9.96] 2.2	35.9 [10.52] 30.0 [8.79] 2.2
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	44.5 [13.04] 27.2 [7.97] 2.4	42.6 [12.48] 24.3 [7.12] 2.3	40.7 [11.93] 21.5 [6.30] 2.3	41.0 [12.02] 32.6 [9.55] 2.5	39.2 [11.49] 29.2 [8.56] 2.4	37.4 [10.96] 25.8 [7.56] 2.4	38.1 [11.17] 37.5 [10.99] 2.4	36.5 [10.70] 33.6 [9.85] 2.4	34.8 [10.20] 29.7 [8.70] 2.3
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	43.3 [12.69] 26.5 [7.77] 2.5	41.4 [12.13] 23.7 [6.95] 2.5	39.5 [11.58] 21.0 [6.15] 2.4	39.7 [11.63] 31.9 [9.35] 2.6	37.9 [11.11] 28.6 [8.38] 2.6	36.2 [10.61] 25.2 [7.39] 2.5	36.8 [10.79] 36.7 [10.76] 2.6	35.2 [10.32] 33.0 [9.67] 2.5	33.6 [9.85] 29.1 [8.53] 2.5
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	41.9 [12.28] 25.8 [7.56] 2.7	40.1 [11.75] 23.1 [6.77] 2.6	38.3 [11.22] 20.4 [5.98] 2.6	38.4 [11.25] 31.1 [9.11] 2.8	36.7 [10.76] 27.9 [8.18] 2.7	35.0 [10.26] 24.6 [7.21] 2.7	35.5 [10.40] 35.5 [10.40] 2.7	34.0 [9.96] 32.3 [9.47] 2.7	32.4 [9.50] 28.5 [8.35] 2.6
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	40.6 [11.90] 24.9 [7.30] 2.8	38.9 [11.40] 22.3 [6.54] 2.8	37.1 [10.87] 19.7 [5.77] 2.7	37.0 [10.84] 30.3 [8.88] 2.9	35.4 [10.37] 27.2 [7.97] 2.9	33.8 [9.91] 24.0 [7.03] 2.8	34.2 [10.02] 34.2 [10.02] 2.9	32.7 [9.58] 31.6 [9.26] 2.8	31.2 [9.14] 27.9 [8.18] 2.8
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	39.4 [11.55] 24.1 [7.06] 3.0	37.6 [11.02] 21.6 [6.33] 2.9	35.9 [10.52] 19.1 [5.60] 2.8	35.8 [10.49] 29.5 [8.65] 3.1	34.2 [10.02] 26.4 [7.74] 3.0	32.7 [9.58] 23.3 [6.83] 2.9	33.0 [9.67] 33.0 [9.67] 3.0	31.5 [9.23] 30.8 [9.03] 3.0	30.1 [8.82] 27.2 [7.97] 2.9
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	38.2 [11.20] 23.3 [6.83] 3.1	36.5 [10.70] 20.9 [6.13] 3.1	34.8 [10.20] 18.4 [5.39] 3.0	34.6 [10.14] 28.7 [8.41] 3.2	33.1 [9.70] 25.7 [7.53] 3.1	31.6 [9.26] 22.7 [6.65] 3.1	31.8 [9.32] 31.8 [9.32] 3.2	30.4 [8.91] 30.1 [8.82] 3.1	29.0 [8.50] 26.6 [7.80] 3.0
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	37.1 [10.87] 22.6 [6.62] 3.3	35.5 [10.40] 20.3 [5.95] 3.2	33.9 [9.94] 17.9 [5.25] 3.1	33.5 [9.82] 28.0 [8.21] 3.4	32.0 [9.38] 25.1 [7.36] 3.3	30.6 [8.97] 22.2 [6.51] 3.2	30.7 [9.00] 30.7 [9.00] 3.3	29.3 [8.59] 29.3 [8.59] 3.3	28.0 [8.21] 26.1 [7.65] 3.2

GROSS SYSTEMS PERFORMANCE DATA—RKPL-A042

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1810 [854.2]	1450 [684.3]	1090 [514.4]	1810 [854.2]	1450 [684.3]	1090 [514.4]	1810 [854.2]	1450 [684.3]	1090 [514.4]
DR ①			.23	.20	.15	.23	.20	.15	.23	.20	.15
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	52.7 [15.44] 32.4 [9.50] 2.6	50.4 [14.77] 29.0 [8.50] 2.5	48.1 [14.10] 25.6 [7.50] 2.5	50.0 [14.65] 39.0 [11.43] 2.5	47.8 [14.01] 34.9 [10.23] 2.5	45.7 [13.39] 30.9 [9.06] 2.4	46.1 [13.51] 45.2 [13.25] 2.5	44.1 [12.92] 40.5 [11.87] 2.5	42.1 [12.34] 35.8 [10.49] 2.4
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	51.8 [15.18] 31.9 [9.35] 2.7	49.5 [14.51] 28.5 [8.35] 2.7	47.3 [13.86] 25.2 [7.39] 2.6	49.1 [14.39] 38.5 [11.28] 2.7	46.9 [13.75] 34.5 [10.11] 2.6	44.8 [13.13] 30.4 [8.91] 2.6	45.2 [13.25] 44.7 [13.10] 2.7	43.2 [12.66] 40.0 [11.72] 2.6	41.2 [12.07] 35.4 [10.37] 2.6
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	50.6 [14.83] 31.3 [9.17] 2.9	48.4 [14.18] 28.0 [8.21] 2.8	46.2 [13.54] 24.7 [7.24] 2.8	47.9 [14.04] 37.9 [11.11] 2.9	45.8 [13.42] 33.9 [9.94] 2.8	43.7 [12.81] 30.0 [8.79] 2.7	43.9 [12.87] 43.9 [12.87] 2.8	42.0 [12.31] 39.5 [11.58] 2.8	40.1 [11.75] 34.9 [10.23] 2.7
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	49.1 [14.39] 30.5 [8.94] 3.0	47.0 [13.77] 27.3 [8.00] 3.0	44.9 [13.16] 24.2 [7.09] 2.9	46.4 [13.60] 37.1 [10.87] 3.0	44.4 [13.01] 33.3 [9.76] 2.9	42.4 [12.43] 29.4 [8.62] 2.9	42.5 [12.46] 42.5 [12.46] 3.0	40.7 [11.93] 38.8 [11.37] 2.9	38.8 [11.37] 34.3 [10.05] 2.9
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	47.5 [13.92] 29.7 [8.70] 3.2	45.5 [13.33] 26.6 [7.80] 3.1	43.4 [12.72] 23.5 [6.89] 3.1	44.8 [13.13] 36.4 [10.67] 3.2	42.9 [12.57] 32.6 [9.55] 3.1	40.9 [11.99] 28.8 [8.44] 3.0	40.9 [11.99] 40.9 [11.99] 3.2	39.1 [11.46] 38.3 [11.22] 3.1	37.3 [10.93] 33.7 [9.88] 3.0
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	45.8 [13.42] 28.9 [8.47] 3.4	43.8 [12.84] 25.9 [7.59] 3.3	41.8 [12.25] 22.9 [6.71] 3.2	43.1 [12.63] 35.5 [10.40] 3.3	41.2 [12.07] 31.8 [9.32] 3.3	39.4 [11.55] 28.1 [8.24] 3.2	39.2 [11.49] 39.2 [11.49] 3.3	37.5 [10.99] 37.2 [10.90] 3.2	35.8 [10.49] 33.0 [9.67] 3.2
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	44.1 [12.92] 28.0 [8.21] 3.5	42.1 [12.34] 25.1 [7.36] 3.4	40.2 [11.78] 22.2 [6.51] 3.4	41.3 [12.10] 34.6 [10.14] 3.5	39.5 [11.58] 31.0 [9.09] 3.4	37.7 [11.05] 27.4 [8.03] 3.3	37.4 [10.96] 37.4 [10.96] 3.5	35.8 [10.49] 35.8 [10.49] 3.4	34.2 [10.02] 32.3 [9.47] 3.3
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	42.3 [12.40] 27.1 [7.94] 3.7	40.5 [11.87] 24.3 [7.12] 3.6	38.6 [11.31] 21.5 [6.30] 3.5	39.6 [11.61] 33.7 [9.88] 3.6	37.9 [11.11] 30.2 [8.85] 3.6	36.2 [10.61] 26.7 [7.83] 3.5	35.7 [10.46] 35.7 [10.46] 3.6	34.1 [9.99] 34.1 [9.99] 3.6	32.6 [9.55] 31.6 [9.26] 3.5
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	40.6 [11.90] 26.2 [7.68] 3.8	38.9 [11.40] 23.5 [6.89] 3.7	37.1 [10.87] 20.8 [6.10] 3.7	37.9 [11.11] 32.8 [9.61] 3.8	36.3 [10.64] 29.4 [8.62] 3.7	34.6 [10.14] 26.0 [7.62] 3.6	34.0 [9.96] 34.0 [9.96] 3.8	32.5 [9.52] 32.5 [9.52] 3.7	31.1 [9.11] 30.9 [9.06] 3.6

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

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

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

[] Designates Metric Conversions



SYSTEMS PERFORMANCE—RKPL- SERIES

GROSS SYSTEMS PERFORMANCE DATA—RKPL-A048

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C] ①			63°F [17.2°C]		
CFM [L/s]			2000 [943.8]	1600 [755.1]	1200 [566.3]	2000 [943.8]	1600 [755.1]	1200 [566.3]	2000 [943.8]	1600 [755.1]	1200 [566.3]
DR ①			.21	.18	.14	.21	.18	.14	.21	.18	.14
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	63.2 [18.52]	60.4 [17.70]	57.7 [16.91]	59.4 [17.41]	56.8 [16.65]	54.2 [15.88]	53.7 [15.74]	51.4 [15.06]	49.0 [14.36]
		Sens BTUH [kW]	38.5 [11.28]	34.4 [10.08]	30.4 [8.91]	45.8 [13.42]	41.0 [12.02]	36.2 [10.61]	52.6 [15.42]	47.1 [13.80]	41.6 [12.19]
		Power	2.9	2.8	2.8	2.9	2.9	2.8	2.9	2.8	2.8
	80 [26.7]	Total BTUH [kW]	61.1 [17.91]	58.5 [17.14]	55.8 [16.35]	57.3 [16.79]	54.8 [16.06]	52.3 [15.33]	51.6 [15.12]	49.4 [14.48]	47.1 [13.80]
		Sens BTUH [kW]	37.1 [10.87]	33.3 [9.76]	29.4 [8.62]	44.5 [13.04]	39.9 [11.69]	35.2 [10.32]	51.3 [15.03]	45.9 [13.45]	40.5 [11.87]
		Power	3.1	3.0	3.0	3.1	3.0	3.0	3.1	3.0	2.9
	85 [29.4]	Total BTUH [kW]	59.4 [17.41]	56.8 [16.65]	54.2 [15.88]	55.6 [16.29]	53.2 [15.59]	50.8 [14.89]	49.9 [14.62]	47.7 [13.98]	45.6 [13.36]
		Sens BTUH [kW]	36.2 [10.61]	32.4 [9.50]	28.6 [8.38]	43.6 [12.78]	39.0 [11.43]	34.5 [10.11]	49.9 [14.62]	45.1 [13.22]	39.8 [11.66]
		Power	3.3	3.2	3.1	3.3	3.2	3.2	3.3	3.2	3.1
90 [32.2]	Total BTUH [kW]	57.9 [16.97]	55.4 [16.24]	52.9 [15.50]	54.1 [15.86]	51.8 [15.18]	49.4 [14.48]	48.4 [14.18]	46.3 [13.57]	44.2 [12.95]	
	Sens BTUH [kW]	35.5 [10.40]	31.8 [9.32]	28.1 [8.24]	42.9 [12.57]	38.4 [11.25]	33.9 [9.94]	48.4 [14.18]	44.4 [13.01]	39.2 [11.49]	
	Power	3.5	3.4	3.3	3.5	3.4	3.3	3.5	3.4	3.3	
95 [35]	Total BTUH [kW]	56.6 [16.59]	54.1 [15.86]	51.7 [15.15]	52.8 [15.47]	50.5 [14.80]	48.2 [14.13]	47.1 [13.80]	45.0 [13.19]	43.0 [12.60]	
	Sens BTUH [kW]	34.9 [10.23]	31.3 [9.17]	27.6 [8.09]	42.3 [12.40]	37.9 [11.11]	33.4 [9.79]	47.1 [13.80]	44.0 [12.90]	38.8 [11.37]	
	Power	3.7	3.6	3.5	3.7	3.6	3.5	3.6	3.6	3.5	
100 [37.8]	Total BTUH [kW]	55.2 [16.18]	52.8 [15.47]	50.4 [14.77]	51.4 [15.06]	49.2 [14.42]	46.9 [13.75]	45.7 [13.39]	43.7 [12.81]	41.8 [12.25]	
	Sens BTUH [kW]	34.3 [10.05]	30.8 [9.03]	27.2 [7.97]	41.7 [12.22]	37.3 [10.93]	33.0 [9.67]	45.7 [13.39]	43.3 [12.69]	38.3 [11.22]	
	Power	3.9	3.8	3.7	3.9	3.8	3.7	3.8	3.8	3.7	
105 [40.6]	Total BTUH [kW]	53.7 [15.74]	51.4 [15.06]	49.1 [14.39]	49.9 [14.62]	47.7 [13.98]	45.6 [13.36]	44.2 [12.95]	42.3 [12.40]	40.4 [11.84]	
	Sens BTUH [kW]	33.6 [9.85]	30.1 [8.82]	26.6 [7.80]	41.0 [12.02]	36.7 [10.76]	32.4 [9.50]	44.2 [12.95]	42.3 [12.40]	37.8 [11.08]	
	Power	4.0	4.0	3.9	4.1	4.0	3.9	4.0	3.9	3.9	
110 [43.3]	Total BTUH [kW]	52.0 [15.24]	49.7 [14.57]	47.5 [13.92]	48.2 [14.13]	46.1 [13.51]	44.0 [12.90]	42.5 [12.46]	40.7 [11.93]	38.8 [11.37]	
	Sens BTUH [kW]	32.7 [9.58]	29.3 [8.59]	25.8 [7.56]	40.0 [11.72]	35.8 [10.49]	31.7 [9.29]	42.5 [12.46]	40.7 [11.93]	37.0 [10.84]	
	Power	4.2	4.1	4.1	4.2	4.2	4.1	4.2	4.1	4.0	
115 [46.1]	Total BTUH [kW]	49.9 [14.62]	47.7 [13.98]	45.5 [13.33]	46.0 [13.48]	44.0 [12.90]	42.0 [12.31]	40.4 [11.84]	38.6 [11.31]	36.9 [10.81]	
	Sens BTUH [kW]	31.3 [9.17]	28.0 [8.21]	24.8 [7.27]	38.7 [11.34]	34.6 [10.14]	30.6 [8.97]	40.4 [11.84]	38.6 [11.31]	35.9 [10.52]	
	Power	4.4	4.3	4.2	4.4	4.3	4.3	4.4	4.3	4.2	

GROSS SYSTEMS PERFORMANCE DATA—RKPL-A060

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			2310 [1090.1]	1850 [873.1]	1390 [656]	2310 [1090.1]	1850 [873.1]	1390 [656]	2310 [1090.1]	1850 [873.1]	1390 [656]
DR ①			.20	.17	.12	.20	.17	.12	.20	.17	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	77.5 [22.71]	74.2 [21.75]	70.8 [20.75]	71.2 [20.87]	68.1 [19.96]	65.0 [19.05]	63.7 [18.67]	61.0 [17.88]	58.2 [17.06]
		Sens BTUH [kW]	45.5 [13.33]	40.7 [11.93]	36.0 [10.55]	52.6 [15.42]	47.1 [13.80]	41.6 [12.19]	62.6 [18.35]	56.0 [16.41]	49.5 [14.51]
		Power	3.6	3.5	3.5	3.6	3.5	3.4	3.6	3.5	3.4
	80 [26.7]	Total BTUH [kW]	75.7 [22.19]	72.4 [21.22]	69.1 [20.25]	69.4 [20.34]	66.4 [19.46]	63.4 [18.58]	61.9 [18.14]	59.2 [17.35]	56.5 [16.56]
		Sens BTUH [kW]	44.6 [13.07]	40.0 [11.72]	35.3 [10.35]	51.8 [15.18]	46.4 [13.60]	41.0 [12.02]	61.7 [18.08]	55.3 [16.21]	48.8 [14.30]
		Power	3.8	3.8	3.7	3.8	3.7	3.7	3.8	3.7	3.6
	85 [29.4]	Total BTUH [kW]	74.0 [21.69]	70.8 [20.75]	67.6 [19.81]	67.7 [19.84]	64.8 [18.99]	61.9 [18.14]	60.3 [17.67]	57.6 [16.88]	55.0 [16.12]
		Sens BTUH [kW]	43.8 [12.84]	39.2 [11.49]	34.7 [10.17]	51.0 [14.95]	45.6 [13.36]	40.3 [11.81]	60.3 [17.67]	54.6 [16.00]	48.2 [14.13]
		Power	4.1	4.0	3.9	4.0	4.0	3.9	4.0	3.9	3.8
90 [32.2]	Total BTUH [kW]	72.4 [21.22]	69.3 [20.31]	66.1 [19.37]	66.1 [19.37]	63.3 [18.55]	60.4 [17.70]	58.7 [17.20]	56.1 [16.44]	53.6 [15.71]	
	Sens BTUH [kW]	43.0 [12.60]	38.5 [11.28]	34.0 [9.96]	50.2 [14.71]	44.9 [13.16]	39.7 [11.63]	58.7 [17.20]	53.8 [15.77]	47.6 [13.95]	
	Power	4.3	4.2	4.1	4.3	4.2	4.1	4.2	4.1	4.1	
95 [35]	Total BTUH [kW]	70.8 [20.75]	67.7 [19.84]	64.6 [18.93]	64.5 [18.90]	61.7 [18.08]	58.9 [17.26]	57.0 [16.71]	54.5 [15.97]	52.1 [15.27]	
	Sens BTUH [kW]	42.2 [12.37]	37.8 [11.08]	33.4 [9.79]	49.4 [14.48]	44.2 [12.95]	39.0 [11.43]	57.0 [16.71]	53.2 [15.59]	46.9 [13.75]	
	Power	4.5	4.4	4.3	4.5	4.4	4.3	4.5	4.4	4.3	
100 [37.8]	Total BTUH [kW]	69.0 [20.22]	66.0 [19.34]	63.0 [18.46]	62.7 [18.38]	60.0 [17.58]	57.3 [16.79]	55.2 [16.18]	52.8 [15.47]	50.4 [14.77]	
	Sens BTUH [kW]	41.3 [12.10]	37.0 [10.84]	32.7 [9.58]	48.5 [14.21]	43.4 [12.72]	38.3 [11.22]	55.2 [16.18]	52.3 [15.33]	46.2 [13.54]	
	Power	4.7	4.6	4.6	4.7	4.6	4.5	4.7	4.6	4.5	
105 [40.6]	Total BTUH [kW]	67.0 [19.64]	64.1 [18.79]	61.2 [17.94]	60.7 [17.79]	58.1 [17.03]	55.4 [16.24]	53.2 [15.59]	50.9 [14.92]	48.6 [14.24]	
	Sens BTUH [kW]	40.3 [11.81]	36.1 [10.58]	31.9 [9.35]	47.5 [13.92]	42.5 [12.46]	37.5 [10.99]	53.2 [15.59]	50.9 [14.92]	45.4 [13.31]	
	Power	5.0	4.9	4.8	4.9	4.8	4.7	4.9	4.8	4.7	
110 [43.3]	Total BTUH [kW]	64.7 [18.96]	61.9 [18.14]	59.1 [17.32]	58.4 [17.12]	55.9 [16.38]	53.3 [15.62]	50.9 [14.92]	48.7 [14.27]	46.5 [13.63]	
	Sens BTUH [kW]	39.2 [11.49]	35.1 [10.29]	31.0 [9.09]	46.3 [13.57]	41.5 [12.16]	36.6 [10.73]	50.9 [14.92]	48.7 [14.27]	44.5 [13.04]	
	Power	5.2	5.1	5.0	5.2	5.1	5.0	5.1	5.0	4.9	
115 [46.1]	Total BTUH [kW]	61.9 [18.14]	59.2 [17.35]	56.6 [16.59]	55.6 [16.29]	53.2 [15.59]	50.8 [14.89]	48.2 [14.13]	46.1 [13.51]	44.0 [12.90]	
	Sens BTUH [kW]	37.8 [11.08]	33.9 [9.94]	29.9 [8.76]	45.0 [13.19]	40.3 [11.81]	35.6 [10.43]	48.2 [14.13]	46.1 [13.51]	43.4 [12.72]	
	Power	5.4	5.3	5.2	5.4	5.3	5.2	5.4	5.3	5.1	

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

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

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

[] Designates Metric Conversions



DIRECT-DRIVE 208 AIRFLOW PERFORMANCE

Unit Model	Motor Speed From Factory		Heating Input BTU/hr [kW]	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [w] # of Speeds	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts—208 Volts									
							External Static Pressure—Inches W.C. [kPa]									
	Cool	Heat					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]		
RKNL-A036	Low	Low	80,000 [23.45]	1050/1350	10x10 1/2 HP [373] 3 Speed Motor	Low	CFM 1210 [571] Watts 450	1193 [563] 400	1175 [555] 395	1155 [545] 385	1125 [531] 380	1075 [507] 375	1015 [479] 370	925 [437] 360		
		Med	120,000 [35.17]			CFM 1515 [715] Watts 525	1500 [708] 515	1475 [696] 510	1450 [684] 505	1405 [663] 490	1350 [637] 475	1275 [602] 460	1180 [557] 445			
						CFM 1680 [793] Watts 650	1650 [779] 640	1625 [767] 630	1580 [746] 610	1530 [722] 580	1460 [689] 560	1390 [656] 545	1280 [604] 515			
						CFM 1210 [571] Watts 450	1193 [563] 400	1175 [555] 395	1155 [545] 385	1125 [531] 380	1075 [507] 375	1015 [479] 370	925 [437] 360			
RKNL-A042	Med	Med	120,000 [35.17]	1225/1575	10x10 1/2 HP [373] 3 Speed Motor	Med	CFM 1515 [715] Watts 525	1500 [708] 515	1475 [696] 510	1450 [684] 505	1405 [663] 490	1350 [637] 475	1275 [602] 460	1180 [557] 445		
			CFM 1680 [793] Watts 650			1650 [779] 640	1625 [767] 630	1580 [746] 610	1530 [722] 580	1460 [689] 560	1390 [656] 545	1280 [604] 515				
			CFM 1210 [571] Watts 450			1193 [563] 400	1175 [555] 395	1155 [545] 385	1125 [531] 380	1075 [507] 375	1015 [479] 370	925 [437] 360				
			CFM 1515 [715] Watts 525			1500 [708] 515	1475 [696] 510	1450 [684] 505	1405 [663] 490	1350 [637] 475	1275 [602] 460	1180 [557] 445				
RKNL-A048	Med	Low	80,000 [23.45]	1400/1800	10x10 1/2 HP [373] 3 Speed Motor	Low	CFM 1210 [571] Watts 450	1193 [563] 400	1175 [555] 395	1155 [545] 385	1125 [531] 380	1075 [507] 375	1015 [479] 370	925 [437] 360		
		Med	100,000 [29.31]			CFM 1515 [715] Watts 525	1500 [708] 515	1475 [696] 510	1450 [684] 505	1405 [663] 490	1350 [637] 475	1275 [602] 460	1180 [557] 445			
		High	135,000 [39.56]			CFM 1680 [793] Watts 650	1650 [779] 640	1625 [767] 630	1580 [746] 610	1530 [722] 580	1460 [689] 560	1390 [656] 545	1280 [604] 515			
			CFM 1575 [743] Watts 297			1536 [725] 314	1496 [706] 330	1457 [688] 347	1417 [669] 364	1377 [650] 381	1338 [631] 397	1298 [613] 414				
RKNL-A060	Med	Low	100,000 [29.31]	1750/2250	10x10 1 HP [745] 3 Speed Motor	Low	CFM 1985 [937] Watts 535	1954 [922] 553	1919 [906] 574	1876 [885] 593	1824 [861] 606	1759 [830] 609	1679 [792] 599	1581 [746] 572		
		High	135,000 [39.56]			CFM 2431 [1147] Watts 970	2372 [1119] 981	2306 [1088] 964	2228 [1051] 926	2138 [1009] 872	2032 [959] 806	1907 [900] 736	1762 [832] 665			

[] Designates Metric Conversions



AIRFLOW PERFORMANCE—DIRECT DRIVE RKNL- SERIES

DIRECT-DRIVE 230/460 AIRFLOW PERFORMANCE

Unit Model	Motor Speed From Factory		Heating Input BTU/hr [kW]	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [w] # of Speeds	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts—230/460 Volts									
							External Static Pressure—Inches W.C. [kPa]									
	Cool	Heat					0.1 [L02]	0.2 [L05]	0.3 [L07]	0.4 [L10]	0.5 [L12]	0.6 [L15]	0.7 [L17]	0.8 [L20]		
RKNL-A036	Low		80,000 [23.45]	1050/1350	10x10 1/2 HP [373] 3 Speed Motor	Low	CFM 1400 [661] 470	1375 [649] 460	1360 [642] 455	1335 [630] 450	1305 [616] 440	1255 [592] 435	1210 [571] 425	1100 [519] 410		
			Med			CFM 1685 [795] 635	1620 [765] 600	1580 [746] 580	1550 [732] 570	1500 [708] 550	1430 [675] 535	1350 [637] 505	1230 [580] 475			
			High			CFM 1870 [883] 780	1830 [864] 760	1790 [845] 740	1730 [816] 700	1660 [783] 660	1580 [746] 635	1500 [708] 600	1375 [649] 555			
			Low			CFM 1400 [661] 470	1375 [649] 460	1360 [642] 455	1335 [630] 450	1305 [616] 440	1255 [592] 435	1210 [571] 425	1100 [519] 410			
RKNL-A042	Med		120,000 [35.17]	1225/1575	10x10 1/2 HP [373] 3 Speed Motor	Med	CFM 1685 [795] 635	1620 [765] 600	1580 [746] 580	1550 [732] 570	1500 [708] 550	1430 [675] 535	1350 [637] 505	1230 [580] 475		
			High			CFM 1870 [883] 780	1830 [864] 760	1790 [845] 740	1730 [816] 700	1660 [783] 660	1580 [746] 635	1500 [708] 600	1375 [649] 555			
			Low			CFM 1400 [661] 470	1375 [649] 460	1360 [642] 455	1335 [630] 450	1305 [616] 440	1255 [592] 435	1210 [571] 425	1100 [519] 410			
			Med			CFM 1685 [795] 635	1620 [765] 600	1580 [746] 580	1550 [732] 570	1500 [708] 550	1430 [675] 535	1350 [637] 505	1230 [580] 475			
RKNL-A048	Med		80,000 [23.45]	1400/1800	10x10 1/2 HP [373] 3 Speed Motor	Low	CFM 1400 [661] 470	1375 [649] 460	1360 [642] 455	1335 [630] 450	1305 [616] 440	1255 [592] 435	1210 [571] 425	1100 [519] 410		
			Med			CFM 1685 [795] 635	1620 [765] 600	1580 [746] 580	1550 [732] 570	1500 [708] 550	1430 [675] 535	1350 [637] 505	1230 [580] 475			
			High			CFM 1870 [883] 780	1830 [864] 760	1790 [845] 740	1730 [816] 700	1660 [783] 660	1580 [746] 635	1500 [708] 600	1375 [649] 555			
			Low			CFM 1575 [743] 297	1536 [725] 314	1496 [706] 330	1457 [688] 347	1417 [669] 364	1377 [650] 381	1338 [631] 397	1298 [613] 414			
RKNL-A060	Med		100,000 [29.31]	1750/2250	10x10 1 HP [745] 3 Speed Motor	Med	CFM 1985 [937] 535	1954 [922] 553	1919 [906] 574	1876 [885] 593	1824 [861] 606	1759 [830] 609	1679 [792] 599	1581 [746] 572		
			High			CFM 2431 [1147] 970	2372 [1119] 981	2306 [1088] 964	2228 [1051] 926	2138 [1009] 872	2032 [959] 806	1907 [900] 736	1762 [832] 665			
			Low			CFM 1575 [743] 297	1536 [725] 314	1496 [706] 330	1457 [688] 347	1417 [669] 364	1377 [650] 381	1338 [631] 397	1298 [613] 414			
			Med			CFM 1985 [937] 535	1954 [922] 553	1919 [906] 574	1876 [885] 593	1824 [861] 606	1759 [830] 609	1679 [792] 599	1581 [746] 572			

[] Designates Metric Conversions

AIRFLOW PERFORMANCE—DIRECT DRIVE RKPL- SERIES



DIRECT-DRIVE 208 AIRFLOW PERFORMANCE

Unit Model Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/hr [kW]	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [w] # of Speeds	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts—208 Volts Side Discharge—Dry Coil									
							External Static Pressure—Inches W.C. [kPa]									
	Cool	Heat					0.1 [0.2]	0.2 [0.05]	0.3 [0.07]	0.4 [0.10]	0.5 [0.12]	0.6 [0.15]	0.7 [0.17]	0.8 [0.20]		
RKPL-A036 3.0 [10.55]					10 x 10 1/2 HP [373] 3 Speed (X-13 Motor)	Low (Tap 2)	CFM 1381 [652]	1339 [632]	1291 [609]	1236 [583]	1193 [563]	1144 [540]	1079 [509]	1004 [474]		
							RPM 675	717	766	808	855	903	961	1016		
							Watts 200	214	225	233	248	262	275	289		
	Low (Tap 2)	Med. (Tap 3)	80,000 [23.45]	1050/1350		Med. (Tap 3)	CFM 1479 [698]	1432 [676]	1385 [654]	1346 [635]	1304 [615]	1256 [593]	1201 [567]	1137 [537]		
RKPL-A042 3.5 [12.31]					10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)		RPM 706	751	795	835	874	919	970	1024		
							Watts 242	254	266	282	291	306	319	336		
						High (Tap 4)	CFM 1669 [788]	1626 [767]	1585 [748]	1544 [729]	1500 [708]	1460 [689]	1418 [669]	1376 [649]		
			120,000 [35.17]				RPM 788	827	868	908	941	978	1015	1052		
RKPL-A048 4.0 [14.07]					10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)		Watts 356	370	385	401	411	426	438	442		
						Low (Tap 1)	CFM 1444 [681]	1396 [659]	1347 [636]	1306 [616]	1265 [597]	1225 [578]	1185 [559]	1108 [523]		
							RPM 681	731	780	827	873	920	966	1038		
							Watts 208	223	237	253	268	281	293	317		
RKPL-A060 5.0 [17.59]					10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)		CFM 1643 [775]	1605 [757]	1567 [740]	1523 [719]	1479 [698]	1441 [680]	1403 [662]	1365 [644]		
						Med. (Tap 2)	RPM 768	805	842	887	932	971	1009	1048		
							Watts 304	319	333	350	366	381	395	410		
						Med. (Tap 3)	CFM 1875 [885]	1837 [867]	1799 [849]	1755 [828]	1711 [808]	1673 [790]	1635 [772]	1597 [754]		
RKPL-A048 4.0 [14.07]					10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)	High (Tap 4)	RPM 842	880	918	955	991	1025	1058	1092		
							Watts 435	452	468	487	505	519	532	546		
						Low (Tap 1)	CFM 1457 [688]	1410 [665]	1363 [643]	1322 [624]	1280 [604]	1235 [583]	1190 [562]	1106 [522]		
							RPM 710	763	816	858	900	951	1002	1061		
RKPL-A048 4.0 [14.07]					10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)		Watts 229	241	252	267	282	299	315	330		
						Med. (Tap 2)	CFM 1717 [810]	1676 [791]	1635 [772]	1596 [753]	1556 [734]	1514 [715]	1471 [694]	1425 [673]		
							RPM 817	854	890	931	971	1012	1052	1092		
							Watts 360	374	387	402	417	433	449	461		
RKPL-A048 4.0 [14.07]					10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)	Med. (Tap 3)	CFM 1717 [810]	1676 [791]	1635 [772]	1596 [753]	1556 [734]	1514 [715]	1471 [694]	1425 [673]		
							RPM 817	854	890	931	971	1012	1052	1092		
							Watts 360	374	387	402	417	433	449	461		
						High (Tap 4)	CFM 1875 [885]	1837 [867]	1799 [849]	1757 [829]	1714 [809]	1674 [790]	1633 [771]	1548 [731]		
RKPL-A060 5.0 [17.59]					10 x 10 1 HP [745] 3 Speed (X-13 Motor)		RPM 877	911	944	979	1014	1053	1091	1113		
							Watts 458	473	488	503	517	534	550	535		
						Low (Tap 1)	CFM 1575 [743]	1536 [725]	1496 [706]	1457 [688]	1417 [669]	1377 [650]	1338 [631]	1298 [613]		
							RPM 741	783	824	866	907	949	990	1032		
RKPL-A060 5.0 [17.59]					10 x 10 1 HP [745] 3 Speed (X-13 Motor)		Watts 297	314	330	347	364	381	397	414		
						Med. (Tap 2)	CFM 1985 [937]	1954 [922]	1919 [906]	1876 [885]	1824 [861]	1759 [830]	1679 [792]	1581 [746]		
							RPM 902	942	979	1013	1040	1071	1096	1119		
							Watts 535	553	574	593	606	609	599	572		
RKPL-A060 5.0 [17.59]					10 x 10 1 HP [745] 3 Speed (X-13 Motor)	High (Tap 3)	CFM 2431 [1147]	2372 [1119]	2306 [1088]	2228 [1051]	2138 [1009]	2032 [959]	1907 [900]	1762 [832]		
							RPM 1076	1089	1102	1114	1125	1133	1142	1151		
							Watts 970	981	964	926	872	806	736	665		

[] Designates Metric Conversions



AIRFLOW PERFORMANCE—DIRECT DRIVE RKPL- SERIES

DIRECT-DRIVE 230/460 AIRFLOW PERFORMANCE

Unit Model Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/hr [kW]	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [w] # of Speeds	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts—230/460 Volts Side Discharge—Dry Coil									
							External Static Pressure—Inches W.C. [kPa]									
	Cool	Heat					0.1 [L02]	0.2 [L05]	0.3 [L07]	0.4 [L10]	0.5 [L12]	0.6 [L15]	0.7 [L17]	0.8 [L20]		
RKPL-A036 3.0 [10.55]	Low (Tap 2)			1050/1350	10 x 10 1/2 HP [373] 3 Speed (X-13 Motor)	Low (Tap 2)	CFM 1381 [652] RPM 675 Watts 200	1339 [632] 717 214	1291 [609] 766 225	1236 [583] 808 233	1193 [563] 855 248	1144 [540] 903 262	1079 [509] 961 275	1004 [474] 1016 289		
		Med. (Tap 3)	CFM 1479 [698] RPM 706 Watts 242			1432 [676] 751 254	1385 [654] 795 266	1346 [635] 835 282	1304 [615] 874 291	1256 [593] 919 306	1201 [567] 970 319	1137 [537] 1024 336				
		High (Tap 4)	CFM 1669 [788] RPM 788 Watts 356			1626 [767] 827 370	1585 [748] 868 385	1544 [729] 908 401	1500 [708] 941 411	1460 [689] 978 426	1418 [669] 1015 438	1376 [649] 1052 442				
	Med. (Tap 2)	CFM 1444 [681] RPM 681 Watts 208	1396 [659] 731 223	1347 [636] 780 237		1306 [616] 827 253	1265 [597] 873 268	1225 [578] 920 281	1185 [559] 966 293	1108 [523] 1038 317						
		Med. (Tap 2)	CFM 1643 [775] RPM 768 Watts 304	1605 [757] 805 319		1567 [740] 842 333	1523 [719] 887 350	1479 [698] 932 366	1441 [680] 971 381	1403 [662] 1009 395	1365 [644] 1048 410					
Med. (Tap 3)		CFM 1643 [775] RPM 768 Watts 304	1605 [757] 805 319	1567 [740] 842 333	1523 [719] 887 350	1479 [698] 932 366	1441 [680] 971 381	1403 [662] 1009 395	1365 [644] 1048 410							
RKPL-A042 3.5 [12.31]	Med. (Tap 2)			1225/1575	10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)	High (Tap 4)	CFM 1875 [885] RPM 842 Watts 435	1837 [867] 880 452	1799 [849] 918 468	1755 [828] 955 487	1711 [808] 991 505	1673 [790] 1025 519	1635 [772] 1058 532	1597 [754] 1092 546		
		Low (Tap 1)	CFM 1457 [688] RPM 710 Watts 229			1410 [665] 763 241	1363 [643] 816 252	1322 [624] 858 267	1280 [604] 900 282	1235 [583] 951 299	1190 [562] 1002 315	1106 [522] 1061 330				
		Med. (Tap 2)	CFM 1717 [810] RPM 817 Watts 360			1676 [791] 854 374	1635 [772] 890 387	1596 [753] 931 402	1556 [734] 971 417	1514 [715] 1012 433	1471 [694] 1052 449	1425 [673] 1092 461				
	Med. (Tap 2)	CFM 1717 [810] RPM 817 Watts 360	1676 [791] 854 374	1635 [772] 890 387		1596 [753] 931 402	1556 [734] 971 417	1514 [715] 1012 433	1471 [694] 1052 449	1425 [673] 1092 461						
		High (Tap 4)	CFM 1875 [885] RPM 877 Watts 458	1837 [867] 911 473		1799 [849] 944 488	1757 [829] 979 503	1714 [809] 1014 517	1674 [790] 1053 534	1633 [771] 1091 550	1548 [731] 1113 535					
Low (Tap 1)		CFM 1575 [743] RPM 741 Watts 297	1536 [725] 783 314	1496 [706] 824 330	1457 [688] 866 347	1417 [669] 907 364	1377 [650] 949 381	1338 [631] 990 397	1298 [613] 1032 414							
RKPL-A060 5.0 [17.59]	Med. (Tap 2)			1750/2250	10 x 10 1 HP [745] 3 Speed (X-13 Motor)	High (Tap 4)	CFM 1985 [937] RPM 902 Watts 535	1954 [922] 942 553	1919 [906] 979 574	1876 [885] 1013 593	1824 [861] 1040 606	1759 [830] 1071 609	1679 [792] 1096 599	1581 [746] 1119 572		
		High (Tap 3)	CFM 2431 [1147] RPM 1076 Watts 970			2372 [1119] 1089 981	2306 [1088] 1102 964	2228 [1051] 1114 926	2138 [1009] 1125 872	2032 [959] 1133 806	1907 [900] 1142 736	1762 [832] 1151 665				
		Low (Tap 1)	CFM 1575 [743] RPM 741 Watts 297			1536 [725] 783 314	1496 [706] 824 330	1457 [688] 866 347	1417 [669] 907 364	1377 [650] 949 381	1338 [631] 990 397	1298 [613] 1032 414				
	Med. (Tap 2)	CFM 1985 [937] RPM 902 Watts 535	1954 [922] 942 553	1919 [906] 979 574		1876 [885] 1013 593	1824 [861] 1040 606	1759 [830] 1071 609	1679 [792] 1096 599	1581 [746] 1119 572						
		High (Tap 3)	CFM 2431 [1147] RPM 1076 Watts 970	2372 [1119] 1089 981		2306 [1088] 1102 964	2228 [1051] 1114 926	2138 [1009] 1125 872	2032 [959] 1133 806	1907 [900] 1142 736	1762 [832] 1151 665					

[] Designates Metric Conversions



AIRFLOW PERFORMANCE—3 TON [10.55 kW] GAS HEAT MODELS BELT DRIVE

Air Flow CFM [L/s]	Capacity 3 Ton [10.55 kW]—13 & 14 SEER Voltage 208/230-460—3 Phase																										
	External Static Pressure—Inches of Water [kPa]																										
	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]	1.1 [.27]	1.2 [.30]	1.3 [.32]	1.4 [.35]	1.5 [.37]												
	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W											
900 [425]	—	—	—	230	715	260	780	290	845	340	905	400	455	1010	1055	490	1095	525	1140	555	1170	580	1215	625	1240	645	
1000 [472]	—	—	—	225	670	255	740	280	800	320	860	375	925	425	485	515	1105	540	1155	575	1180	605	1225	650	1260	715	
1100 [519]	—	—	—	630	255	700	275	760	310	820	345	885	390	945	485	1035	505	1120	575	1170	615	1190	640	1235	690	1270	730
1200 [566]	605	250	655	270	720	305	775	340	835	370	900	415	955	475	1005	495	1045	540	1095	580	1130	605	1210	690	1245	730	780
1300 [614]	620	275	675	300	750	340	805	375	855	400	920	455	970	505	1025	530	1060	575	1115	610	1155	630	1195	680	1220	730	780
1400 [661]	640	305	710	340	775	375	825	395	880	440	940	480	990	520	1035	560	1080	590	1125	650	1170	705	1215	775	1230	810	840
1500 [708]	680	340	745	370	800	405	845	425	910	490	955	535	1005	565	1050	615	1090	660	1135	700	1185	760	1225	820	850	880	940

NOTE: Bold lines separate L, M and N drives respectively.

Drive Package Motor H.P. [W] Blower Sheave Motor Sheave Turns Open RPM	L						M							
	1/2 [373]						1/2 [373]							
	6.9" Pitch Diameter						6.4" Pitch Diameter							
	2.4"-3.4" Pitch Diameter						3.4"-4.4" Pitch Diameter							
	0	1	2	3	4	5	6	0	1	2	3	4	5	6
	920	855	800	750	705	665	605	1230	1180	1130	1090	1045	1000	940

NOTE: Factory sheave settings are shown in bold print.

COMPONENT AIR RESISTANCE

N Drive (Field Supplied)
Blower Sheave—5.7 Pitch Diameter
Motor Sheave—3.4-4.4 Pitch Diameter
RPM Range—1030-1330
Motor—1/2 H.P. [373 W]—1750 RPM

Component	Standard Indoor Airflow—CFM [L/s]									
	1000 [472]	1200 [566]	1400 [661]	1600 [755]	1800 [850]	2000 [944]	2200 [1038]	2400 [1133]	2600 [1227]	2800 [1321]
	Resistance—Inches Water [kPa]									
Wet Coil	.035	.040	.060	.070	.085	.100	.110	.120	.125	.130
Downflow	.055	.060	.066	.072	.080	.086	.093	.100	.107	.115
R.S.I. Economizer R.A. Damper	.05	.06	.07	.08	.09	.10	.11	.12	.13	.15

NOTES:

- 1. Performance shown with dry coil & standard 1" [25.4 mm] filters
- 2. Standard CFM @ .075 lbs./cu. ft.
- 3. Motor efficiency = 80% on 208/230, 460, 575 V, 3-Phase
Motor efficiency = 50% on 208/230 V, 1-Phase
- 4. BHP = $\frac{\text{Watts} \times \text{Motor Eff.}}{746}$
- 5. Add component resistance to duct static to determine total E.S.P.

[] Designates Metric Conversions



AIRFLOW PERFORMANCE—3.5 TON [12.31 kW] BELT DRIVE

Air Flow CFM [L/s]	External Static Pressure—Inches of Water [kPa]																															
	Capacity 3.5 Ton [12.31 kW]—13 & 14 SEER		Voltage 208/230-460—3 Phase																													
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]	1.1 [.27]	1.2 [.30]	1.3 [.32]	1.4 [.35]	1.5 [.37]																		
RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W																	
1000 [425]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
1100 [519]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
1200 [566]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
1300 [614]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
1400 [661]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
1500 [708]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
1600 [755]	725	410	765	445	820	470	875	510	925	540	975	570	1015	640	1055	660	1105	700	1145	745	1185	800	1225	860	1275	915	1325	1005	1350	1040		
1700 [802]	740	460	795	495	850	520	900	550	945	600	1000	650	1020	690	1075	740	1125	760	1165	810	1205	865	1240	940	1290	1005	1340	—	—	—		
1800 [850]	770	500	825	535	875	570	925	605	980	650	1010	710	1045	750	1100	790	1145	835	1185	900	1225	960	1270	1020	1315	1110	—	—	—	—		

NOTE: Bold lines separate L, M and N drives respectively.

Drive Package	L										M									
Motor H.P. [W]	1/2 [373]										1/2 [373]									
Blower Sheave	6.9" Pitch Diameter										6.4" Pitch Diameter									
Motor Sheave	2.8"-3.8" Pitch Diameter										4.0"-5.0" Pitch Diameter									
Turns Open	0	1	2	3	4	5	6	0	1	2	3	4	5	6						
RPM	958	945	905	865	820	770	725	1225	1185	1145	1100	1060	1020	1000						

NOTE: Factory sheave settings are shown in bold print.

N Drive (Field Supplied)
Blower Sheave—6.4 Pitch Diameter
Motor Sheave—4.0-5.0 Pitch Diameter
RPM Range—1090-1365
Motor—1/2 H.P. [373 W]—1750 RPM

AIRFLOW PERFORMANCE—4 TON [14.07 kW] BELT DRIVE

Air Flow CFM [L/s]	Capacity 4 Ton [14.07 kW]—13 & 14 SEER Voltage 208/230-460—3 Phase																																	
	External Static Pressure—Inches of Water [kPa]																																	
	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]		1.1 [.27]		1.2 [.30]		1.3 [.32]		1.4 [.35]		1.5 [.37]					
RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W			
1200 [566]	—	—	—	—	—	—	—	780	360	835	390	885	410	935	440	975	475	1015	505	1070	550	1120	570	1170	600	1220	635	1265	655	1320	705			
1300 [614]	—	—	—	—	—	—	—	805	390	855	410	910	450	950	470	990	510	1030	545	1085	590	1135	610	1185	640	1235	685	1285	730	1335	775			
1400 [661]	—	—	—	—	—	—	—	770	385	825	425	870	445	925	480	960	510	1010	550	1050	600	1105	615	1155	650	1200	700	1245	730	1300	770	1345	825	
1500 [708]	—	—	—	—	—	—	—	790	425	850	475	900	490	940	515	980	550	1025	600	1075	640	1125	670	1175	700	1220	745	1270	780	1315	825	1355	855	
1600 [755]	—	—	—	—	—	—	—	775	425	815	455	870	495	920	530	960	560	1005	605	1050	680	1145	710	1195	755	1235	800	1285	845	1330	890	1370	935	
1700 [802]	—	—	—	—	—	—	—	795	470	850	505	900	540	940	560	980	605	1025	655	1075	715	1120	735	1165	770	1270	870	1305	915	1350	940	1385	1000	
1800 [850]	775	470	820	515	875	555	930	600	960	625	1010	680	1050	740	1100	760	1150	800	1190	840	1235	890	1280	930	1280	980	1330	985	1365	1020	—	—		
1900 [897]	800	525	855	560	910	610	965	650	995	700	1035	755	1075	800	1130	840	1175	870	1220	920	1260	955	1305	1010	1350	1070	1385	1115	—	—	—			
2000 [944]	830	595	885	640	940	670	970	710	1020	790	1065	840	1115	860	1160	900	1200	950	1240	1010	1295	1060	1330	1105	1375	1160	—	—	—	—	—			

NOTE: L-Drive left of bold line, M-Drive right of bold line.

Drive Package	L										M									
Motor H.P. [W]	1/2 [373]										3/4 [559]									
Blower Sheave	6.4" Pitch Diameter										5.7" Pitch Diameter									
Motor Sheave	2.8"-3.8" Pitch Diameter										3.4"-4.4" Pitch Diameter									
Turns Open	0	1	2	3	4	5	6	0	1	2	3	4	5	6						
RPM	1060	1000	955	910	865	825	770	1385	1330	1280	1225	1175	1120	1060						

NOTE: Factory sheave settings are shown in bold print.

[] Designates Metric Conversions



AIRFLOW PERFORMANCE—5 TON [17.6 kW]—13 SEER

Air Flow CFM [L/s]	Capacity 5 Ton [17.6 kW]—13 SEER		Voltage 208/230-460—3 Phase		External Static Pressure—Inches of Water [kPa]																							
	0.1 [0.02]		0.2 [0.05]		0.3 [0.07]		0.4 [0.10]		0.5 [0.12]		0.6 [0.15]		0.7 [0.17]		0.8 [0.20]		0.9 [0.22]		1.0 [0.25]		1.1 [0.27]		1.2 [0.30]		1.3 [0.32]		1.4 [0.35]	
	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W
1400 [661]	—	—	—	—	780	370	815	385	875	425	930	460	970	490	1030	540	1065	570	1105	595	1150	615	1195	645	1235	660	1300	705
1500 [708]	—	—	—	—	795	405	840	415	895	440	945	500	995	540	1045	595	1080	615	1135	650	1165	675	1215	700	1255	735	1320	775
1600 [755]	—	—	780	390	805	425	870	470	915	510	965	560	1015	600	1060	640	1105	680	1145	705	1180	730	1225	750	1275	790	1340	840
1700 [802]	—	—	795	450	840	490	895	530	940	570	990	605	1035	640	1075	680	1120	725	1160	755	1200	790	1245	815	1300	855	1355	905
1800 [850]	780	455	815	470	870	540	915	560	965	615	1010	660	1055	710	1100	760	1140	785	1175	810	1225	850	1260	880	1320	930	1365	985
1900 [897]	800	485	850	530	895	590	945	640	995	675	1035	720	1070	775	1120	810	1160	850	1200	890	1245	915	1290	960	1335	1000	1375	1050
2000 [944]	830	550	880	605	930	655	970	700	1015	730	1055	790	1105	830	1145	875	1180	910	1225	950	1260	980	1320	1035	1350	1075	1385	1120
2100 [991]	860	615	915	665	955	705	1005	760	1040	820	1090	870	1130	910	1170	950	1210	995	1250	1020	1290	1060	1335	1100	1370	1150	1400	1200
2200 [1038]	895	680	945	735	995	780	1030	830	1060	880	1120	940	1155	980	1195	1020	1240	1055	1275	1100	1320	1140	1360	1180	1385	1225	—	—
2300 [1085]	940	755	975	795	1015	830	1065	910	1100	965	1150	105	1180	1050	1225	1095	1265	1125	1310	1175	1350	1230	1375	1260	1405	1320	—	—
2400 [1133]	970	825	1015	880	1040	925	1095	1005	1145	1055	1175	1085	1225	1140	1260	1175	1300	1210	1340	1255	1370	1315	1400	1375	—	—	—	—
2500 [1179]	1015	910	1040	935	1095	1040	1145	1100	1170	1140	1200	1175	1260	1215	1305	1270	1360	1350	1400	1395	—	—	—	—	—	—	—	—

NOTE: L-Drive left of bold line, M-Drive right of bold line.

Drive Package		L		M	
Motor H.P. [W]		3/4 [559]		1 [746]	
Blower Sheave		6.4" Pitch Diameter		6.4" Pitch Diameter	
Motor Sheave		2.8"-3.8" Pitch Diameter—Adj.		3.4"-4.4" Pitch Diameter—Adj.	
Turns Open	0	1	2	3	4
RPM	1095	1040	995	940	890
				835	780
				1405	1360
				1305	1195
				1250	1145
				1095	1095

NOTE: Factory sheave settings are shown in bold print.

[] Designates Metric Conversions



AIRFLOW PERFORMANCE—5 TON [17.6 kW] THREE PHASE BELT DRIVE

Air Flow CFM [L/s]	Capacity Voltage		5 Ton [17.6 kW]—14 SEER 208/230-460—3 Phase		External Static Pressure—Inches of Water [kPa]																														
					0.1 [0.02]		0.2 [0.05]		0.3 [0.07]		0.4 [0.10]		0.5 [0.12]		0.6 [0.15]		0.7 [0.17]		0.8 [0.20]		0.9 [0.22]		1.0 [0.25]		1.1 [0.27]		1.2 [0.30]		1.3 [0.32]		1.4 [0.35]		1.5 [0.37]		
	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	
1400 [661]	—	—	—	—	—	—	—	—	—	—	794	395	835	433	877	467	918	499	962	528	1011	556	1085	610	1118	668	1152	723	1187	776	1220	827	1250	876	
1500 [708]	—	—	—	—	—	—	—	—	—	—	810	440	851	478	892	512	934	544	978	573	1026	601	1087	666	1120	724	1154	779	1189	832	1222	883	1252	932	
1600 [755]	—	—	—	—	—	—	—	—	—	789	446	830	489	871	527	913	562	954	593	998	623	1059	668	1090	729	1123	786	1158	842	1193	894	1226	945	1255	995
1700 [802]	—	—	—	—	—	—	—	—	—	813	501	854	544	896	582	937	616	979	648	1023	677	1065	736	1096	797	1129	855	1164	910	1199	963	1232	1014	1262	1063
1800 [850]	—	—	—	—	—	—	799	470	840	560	882	604	923	642	964	676	1006	708	1044	747	1074	811	1105	872	1139	930	1173	985	1208	1038	1241	1089	1271	1138	
1900 [897]	788	507	828	574	869	625	910	668	952	706	993	741	1035	772	1057	828	1087	892	1118	953	1151	1011	1186	1066	1221	1119	1254	1170	1283	1219	1300	1307	—	—	
2000 [944]	817	578	857	644	898	695	939	739	981	777	1022	811	1044	848	1073	916	1103	980	1134	1041	1168	1099	1202	1154	1237	1207	1270	1258	1300	1307	—	—	—	—	
2100 [991]	845	653	885	720	927	771	968	814	1009	852	1035	869	1064	943	1093	1011	1123	1075	1154	1136	1187	1194	1222	1249	1256	1302	1290	1353	—	—	—	—	—		
2200 [1038]	873	734	913	801	955	852	996	896	1037	934	1057	971	1086	1044	1115	1113	1145	1177	1176	1238	1210	1295	1244	1350	1279	1403	—	—	—	—	—	—	—		
2300 [1085]	902	821	942	888	983	939	1024	983	1049	1000	1081	1080	1111	1153	1140	1222	1169	1286	1201	1347	1234	1404	1269	1459	—	—	—	—	—	—	—	—	—		
2400 [1133]	933	914	973	981	1014	1032	1036	1028	1075	1116	1107	1196	1137	1270	1165	1338	1195	1402	1227	1463	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2500 [1179]	970	1013	1010	1080	1035	1052	1062	1152	1101	1240	1133	1320	1163	1393	1191	1462	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

NOTE: L-Drive left of bold line, M-Drive right of bold line.

Drive Package		L				M			
Motor H.P. [W]		3/4 [559]				1 [746]			
Blower Sheave		6.9" Pitch Diameter				6.9" Pitch Diameter			
Motor Sheave		2.8"-3.8" Pitch Diameter—Adj.				4.0"-5.0" Pitch Diameter—Adj.			
Turns Open		0	1	2	3	4	5	0	1
RPM		1007	963	922	880	833	785	1272	1242
								1210	1172
								1130	1089

NOTE: Factory sheave settings are shown in bold print.

[] Designates Metric Conversions

ELECTRICAL DATA – RKNL SERIES										
		-A036CK08E	-A036CK12E	-A036CL08E	-A036CL12E	-A036CM08E	-A036CM12E	-A036DK08E	-A036DK12E	-A036DL08E
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	414-506	414-506	414-506
	Minimum Circuit Ampacity	19/19	19/19	18/18	18/18	18/18	18/18	11	11	10
	Minimum Overcurrent Protection Device Size	25/25	25/25	20/20	20/20	20/20	20/20	15	15	15
	Maximum Overcurrent Protection Device Size	25/25	25/25	25/25	25/25	25/25	25/25	15	15	15
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	460	460	460
	Phase	3	3	3	3	3	3	3	3	3
	HP	3	3	3	3	3	3	3	3	3
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	10.4/10.4	10.4/10.4	10.4/10.4	10.4/10.4	10.4/10.4	10.4/10.4	5.8	5.8	5.8
	Amps (LRA)	88/88	88/88	88/88	88/88	88/88	88/88	38	38	38
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	460	460	460
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	1.5	1.5	1.5	1.5	1.5	1.5	1	1	1
	Amps (LRA)	3	3	3	3	3	3	1.9	1.9	1.9
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	460	460	460
	Phase	1	1	3	3	3	3	1	1	3
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Amps (FLA)	4	4	2.8	2.8	2.8	2.8	2	2	1.4
	Amps (LRA)	6.7	6.7	11.3	11.3	11.3	11.3	3.6	3.6	6.2

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RKNL SERIES										
		-A036DL12E	-A036DM08E	-A036DM12E	-A036JK08E	-A036JK08X	-A036JK12E	-A036JK12X	-A036YL08E	-A036YL12E
Unit Information	Unit Operating Voltage Range	414-506	414-506	414-506	187-253	187-253	187-253	187-253	517-633	517-633
	Minimum Circuit Ampacity	10	10	10	27/27	27/27	27/27	27/27	7	7
	Minimum Overcurrent Protection Device Size	15	15	15	35/35	35/35	35/35	35/35	15	15
	Maximum Overcurrent Protection Device Size	15	15	15	40/40	40/40	40/40	40/40	15	15
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	208/230	208/230	208/230	208/230	575	575
	Phase	3	3	3	1	1	1	1	3	3
	HP	3	3	3	3	3	3	3	3	3
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	5.8	5.8	5.8	16.7/16.7	16.7/16.7	16.7/16.7	16.7/16.7	3.8	3.8
	Amps (LRA)	38	38	38	79/79	79/79	79/79	79/79	36.5	36.5
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	208/230	208/230	208/230	208/230	575	575
	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)	1	1	1	1.5	1.5	1.5	1.5	0.8	0.8
	Amps (LRA)	1.9	1.9	1.9	3	3	3	3	1.9	1.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	208/230	208/230	208/230	208/230	575	575
	Phase	3	3	3	1	1	1	1	3	3
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4
	Amps (FLA)	1.4	1.4	1.4	4	4	4	4	1.3	1.3
	Amps (LRA)	6.2	6.2	6.2	6.7	6.7	6.7	6.7	6	6

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RKNL SERIES										
		-A042CL08E	-A042CL12E	-A042CM08E	-A042CM12E	-A042DK08E	-A042DK12E	-A042DL08E	-A042DL12E	-A042DM08E
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	414-506	414-506	414-506	414-506	414-506
	Minimum Circuit Ampacity	22/22	22/22	22/22	22/22	11	11	10	10	10
	Minimum Overcurrent Protection Device Size	25/25	25/25	25/25	25/25	15	15	15	15	15
	Maximum Overcurrent Protection Device Size	30/30	30/30	30/30	30/30	15	15	15	15	15
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	460	460	460
	Phase	3	3	3	3	3	3	3	3	3
	HP	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	13.5/13.5	13.5/13.5	13.5/13.5	13.5/13.5	6	6	6	6	6
	Amps (LRA)	88/88	88/88	88/88	88/88	44	44	44	44	44
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	460	460	460
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	1.5	1.5	1.5	1.5	1	1	1	1	1
	Amps (LRA)	3	3	3	3	1.9	1.9	1.9	1.9	1.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	460	460	460
	Phase	3	3	3	3	1	1	3	3	3
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Amps (FLA)	2.8	2.8	2.8	2.8	2	2	1.4	1.4	1.4
	Amps (LRA)	11.3	11.3	11.3	11.3	3.6	3.6	6.2	6.2	6.2

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



ELECTRICAL DATA – RKNL SERIES										
		-A042DK12E	-A042DL08E	-A042DL12E	-A042DM08E	-A042DM12E	-A042JK08E	-A042JK08X	-A042JK12E	-A042JK12X
Unit Information	Unit Operating Voltage Range	414-506	414-506	414-506	414-506	414-506	187-253	187-253	187-253	187-253
	Minimum Circuit Ampacity	11	10	10	10	10	28/28	28/28	28/28	28/28
	Minimum Overcurrent Protection Device Size	15	15	15	15	15	35/35	35/35	35/35	35/35
	Maximum Overcurrent Protection Device Size	15	15	15	15	15	45/45	45/45	45/45	45/45
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	208/230	208/230	208/230	208/230
	Phase	3	3	3	3	3	1	1	1	1
	HP	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/3
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	6	6	6	6	6	17.9/17.9	17.9/17.9	17.9/17.9	17.9/17.9
	Amps (LRA)	44	44	44	44	44	112/112	112/112	112/112	112/112
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	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)	1	1	1	1	1	1.5	1.5	1.5	1.5
	Amps (LRA)	1.9	1.9	1.9	1.9	1.9	3	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	208/230	208/230	208/230	208/230
	Phase	1	3	3	3	3	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Amps (FLA)	2	1.4	1.4	1.4	1.4	4	4	4	4
	Amps (LRA)	3.6	6.2	6.2	6.2	6.2	6.7	6.7	6.7	6.7

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RKNL SERIES										
		-A048CK08E	-A048CK10E	-A048CK13E	-A048CL08E	-A048CL10E	-A048CL13E	-A048CM08E	-A048CM10E	-A048CM13E
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253
	Minimum Circuit Ampacity	23/23	23/23	23/23	22/22	22/22	22/22	23/23	23/23	23/23
	Minimum Overcurrent Protection Device Size	30/30	30/30	30/30	25/25	25/25	25/25	30/30	30/30	30/30
	Maximum Overcurrent Protection Device Size	35/35	35/35	35/35	35/35	35/35	35/35	35/35	35/35	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	3	3	3	3	3	3	3	3
	HP	4	4	4	4	4	4	4	4	4
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	13.7/13.7	13.7/13.7	13.7/13.7	13.7/13.7	13.7/13.7	13.7/13.7	13.7/13.7	13.7/13.7	13.7/13.7
	Amps (LRA)	83.1/83.1	83.1/83.1	83.1/83.1	83.1/83.1	83.1/83.1	83.1/83.1	83.1/83.1	83.1/83.1	83.1/83.1
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)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Amps (LRA)	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	3	3	3	3	3	3
	HP	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4
	Amps (FLA)	4	4	4	2.8	2.8	2.8	3.4	3.4	3.4
	Amps (LRA)	6.7	6.7	6.7	11.3	11.3	11.3	16.8	16.8	16.8

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RKNL SERIES										
		-A048DK08E	-A048DK10E	-A048DK13E	-A048DL08E	-A048DL10E	-A048DL13E	-A048DM08E	-A048DM10E	-A048DM13E
Unit Information	Unit Operating Voltage Range	414-506	414-506	414-506	414-506	414-506	414-506	414-506	414-506	414-506
	Minimum Circuit Ampacity	11	11	11	11	11	11	11	11	11
	Minimum Overcurrent Protection Device Size	15	15	15	15	15	15	15	15	15
	Maximum Overcurrent Protection Device Size	15	15	15	15	15	15	15	15	15
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	460	460	460	460
	Phase	3	3	3	3	3	3	3	3	3
	HP	4	4	4	4	4	4	4	4	4
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
	Amps (LRA)	41	41	41	41	41	41	41	41	41
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	460	460	460	460
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	1	1	1	1	1	1	1	1	1
	Amps (LRA)	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	460	460	460	460
	Phase	1	1	1	3	3	3	3	3	3
	HP	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4
	Amps (FLA)	2	2	2	1.4	1.4	1.4	1.6	1.6	1.6
	Amps (LRA)	3.6	3.6	3.6	6.2	6.2	6.2	8.4	8.4	8.4

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RKNL SERIES										
		-A048JK08E	-A048JK08X	-A048JK10E	-A048JK10X	-A048JK13E	-A048JK13X	-A048YL10E	-A048YL13E	-A048YM10E
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	517-633	517-633	517-633
	Minimum Circuit Ampacity	33/33	33/33	33/33	33/33	33/33	33/33	9	9	9
	Minimum Overcurrent Protection Device Size	40/40	40/40	40/40	40/40	40/40	40/40	15	15	15
	Maximum Overcurrent Protection Device Size	50/50	50/50	50/50	50/50	50/50	50/50	15	15	15
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	575	575	575
	Phase	1	1	1	1	1	1	3	3	3
	HP	4	4	4	4	4	4	4	4	4
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	21.8/21.8	21.8/21.8	21.8/21.8	21.8/21.8	21.8/21.8	21.8/21.8	4.8	4.8	4.8
	Amps (LRA)	117/117	117/117	117/117	117/117	117/117	117/117	33	33	33
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	575	575	575
	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)	1.5	1.5	1.5	1.5	1.5	1.5	0.8	0.8	0.8
	Amps (LRA)	3	3	3	3	3	3	1.9	1.9	1.9
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	575	575	575
	Phase	1	1	1	1	1	1	3	3	3
	HP	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4
	Amps (FLA)	4	4	4	4	4	4	1.3	1.3	1.3
	Amps (LRA)	6.7	6.7	6.7	6.7	6.7	6.7	6	6	6

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RKNL SERIES										
		-A048YM13E	-A060CK10E	-A060CK13E	-A060CL10E	-A060CL13E	-A060CM10E	-A060CM13E	-A060DK10E	-A060DK13E
Unit Information	Unit Operating Voltage Range	517-633	187-253	187-253	187-253	187-253	187-253	187-253	414-506	414-506
	Minimum Circuit Ampacity	9	30/30	30/30	26/26	26/26	26/26	26/26	15	15
	Minimum Overcurrent Protection Device Size	15	35/35	35/35	30/30	30/30	30/30	30/30	20	20
	Maximum Overcurrent Protection Device Size	15	40/40	40/40	40/40	40/40	40/40	40/40	20	20
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	575	208/230	208/230	208/230	208/230	208/230	208/230	460	460
	Phase	3	3	3	3	3	3	3	3	3
	HP	4	5	5	5	5	5	5	5	5
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	4.8	15.6/15.6	15.6/15.6	15.6/15.6	15.6/15.6	15.6/15.6	15.6/15.6	7.8	7.8
	Amps (LRA)	33	110/110	110/110	110/110	110/110	110/110	110/110	52	52
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	575	208/230	208/230	208/230	208/230	208/230	208/230	460	460
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	0.8	2.2	2.2	2.2	2.2	2.2	2.2	1	1
	Amps (LRA)	1.9	4.9	4.9	4.9	4.9	4.9	4.9	1.9	1.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	575	208/230	208/230	208/230	208/230	208/230	208/230	460	460
	Phase	3	1	1	3	3	3	3	1	1
	HP	3/4	1	1	3/4	3/4	1	1	1	1
	Amps (FLA)	1.3	7.6	7.6	3.4	3.4	3.8	3.8	4.0	4.0
	Amps (LRA)	6	0	0	16.8	16.8	24	24	0	0

1. Horsepower Per Compressor.

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

ELECTRICAL DATA – RKNL SERIES										
		-A060DL10E	-A060DL13E	-A060DM10E	-A060DM13E	-A060JK10E	-A060JK10X	-A060JK13E	-A060JK13X	-A060YL10E
Unit Information	Unit Operating Voltage Range	414-506	414-506	414-506	414-506	187-253	187-253	187-253	187-253	517-633
	Minimum Circuit Ampacity	13	13	13	13	43/43	43/43	43/43	43/43	10
	Minimum Overcurrent Protection Device Size	15	15	15	15	50/50	50/50	50/50	50/50	15
	Maximum Overcurrent Protection Device Size	20	20	20	20	60/60	60/60	60/60	60/60	15
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	208/230	208/230	208/230	208/230	575
	Phase	3	3	3	3	1	1	1	1	3
	HP	5	5	5	5	5	5	5	5	5
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	7.8	7.8	7.8	7.8	26.3/26.3	26.3/26.3	26.3/26.3	26.3/26.3	5.8
	Amps (LRA)	52	52	52	52	134/134	134/134	134/134	134/134	38.9
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	208/230	208/230	208/230	208/230	575
	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)	1	1	1	1	2.2	2.2	2.2	2.2	0.8
	Amps (LRA)	1.9	1.9	1.9	1.9	4.9	4.9	4.9	4.9	1.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	208/230	208/230	208/230	208/230	575
	Phase	3	3	3	3	1	1	1	1	3
	HP	3/4	3/4	1	1	1	1	1	1	3/4
	Amps (FLA)	1.6	1.6	1.9	1.9	7.6	7.6	7.6	7.6	1.3
	Amps (LRA)	8.4	8.4	12	12	0	0	0	0	6

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RKNL SERIES				
		-A060YL13E	-A060YM10E	-A060YM13E
Unit Information	Unit Operating Voltage Range	517-633	517-633	517-633
	Minimum Circuit Ampacity	10	10	10
	Minimum Overcurrent Protection Device Size	15	15	15
	Maximum Overcurrent Protection Device Size	15	15	15
Compressor Motor	No.	1	1	1
	Volts	575	575	575
	Phase	3	3	3
	HP	5	5	5
	RPM	3450	3450	3450
	Amps (RLA)	5.8	5.8	5.8
	Amps (LRA)	38.9	38.9	38.9
Condenser Motor	No.	1	1	1
	Volts	575	575	575
	Phase	1	1	1
	HP	1/3	1/3	1/3
	Amps (FLA)	0.8	0.8	0.8
	Amps (LRA)	1.9	1.9	1.9
Evaporator Fan	No.	1	1	1
	Volts	575	575	575
	Phase	3	3	3
	HP	3/4	1	1
	Amps (FLA)	1.3	1.4	1.4
	Amps (LRA)	6	7.2	7.2

1. Horsepower Per Compressor.

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

ELECTRICAL DATA – RKPL SERIES										
		-A036CK08E	-A036CK12E	-A036CL08E	-A036CL12E	-A036CM08E	-A036CM12E	-A036DL08E	-A036DK08E	-A036DK12E
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	414-506	414-506	414-506
	Minimum Circuit Ampacity	19/19	19/19	18/18	18/18	18/18	18/18	10	11	11
	Minimum Overcurrent Protection Device Size	25/25	25/25	20/20	20/20	20/20	20/20	15	15	15
	Maximum Overcurrent Protection Device Size	25/25	25/25	25/25	25/25	25/25	25/25	15	15	15
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	460	460	460
	Phase	3	3	3	3	3	3	3	3	3
	HP	3	3	3	3	3	3	3	3	3
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	10.4/10.4	10.4/10.4	10.4/10.4	10.4/10.4	10.4/10.4	10.4/10.4	5.8	5.8	5.8
	Amps (LRA)	88/88	88/88	88/88	88/88	88/88	88/88	38	38	38
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	460	460	460
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	1.5	1.5	1.5	1.5	1.5	1.5	1	1	1
	Amps (LRA)	3	3	3	3	3	3	1.9	1.9	1.9
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	460	460	460
	Phase	1	1	3	3	3	3	3	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Amps (FLA)	4.1	4.1	2.8	2.8	2.8	2.8	1.4	2.1	2.1
	Amps (LRA)	0	0	11.3	11.3	11.3	11.3	6.2	0	0

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RKPL SERIES										
		-A036DL12E	-A036DM08E	-A036DM12E	-A036JK08E	-A036JK08X	-A036JK13E	-A036JK12X	-A042CK08E	-A042CK12E
Unit Information	Unit Operating Voltage Range	414-506	414-506	414-506	187-253	187-253	187-253	187-253	187-253	187-253
	Minimum Circuit Ampacity	10	10	10	27/27	27/27	27/27	27/27	25/25	25/25
	Minimum Overcurrent Protection Device Size	15	15	15	35/35	35/35	35/35	35/35	30/30	30/30
	Maximum Overcurrent Protection Device Size	15	15	15	40/40	40/40	40/40	40/40	35/35	35/35
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	3	3	3	1	1	1	1	3	3
	HP	3	3	3	3	3	3	3	3 1/2	3 1/2
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	5.8	5.8	5.8	16.7/16.7	16.7/16.7	16.7/16.7	16.7/16.7	13.5/13.5	13.5/13.5
	Amps (LRA)	38	38	38	79/79	79/79	79/79	79/79	88/88	88/88
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	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)	1	1	1	1.5	1.5	1.5	1.5	1.5	1.5
	Amps (LRA)	1.9	1.9	1.9	3	3	3	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	3	3	3	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4
	Amps (FLA)	1.4	1.4	1.4	4.1	4.1	4.1	4.1	6	6
	Amps (LRA)	6.2	6.2	6.2	0	0	0	0	0	0

1. Horsepower Per Compressor.

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

ELECTRICAL DATA – RKPL SERIES

		-A042CL08E	-A042CL12E	-A042CM08E	-A042CM12E	-A042DK08E	-A042DK12E	-A042DL08E	-A042DL12E	-A042DM08E
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	414-506	414-506	414-506	414-506	414-506
	Minimum Circuit Ampacity	22/22	22/22	22/22	22/22	12	12	10	10	10
	Minimum Overcurrent Protection Device Size	25/25	25/25	25/25	25/25	15	15	15	15	15
	Maximum Overcurrent Protection Device Size	30/30	30/30	30/30	30/30	15	15	15	15	15
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	460	460	460
	Phase	3	3	3	3	3	3	3	3	3
	HP	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	13.5/13.5	13.5/13.5	13.5/13.5	13.5/13.5	6	6	6	6	6
	Amps (LRA)	88/88	88/88	88/88	88/88	44	44	44	44	44
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	460	460	460
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	1.5	1.5	1.5	1.5	1	1	1	1	1
	Amps (LRA)	3	3	3	3	1.9	1.9	1.9	1.9	1.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	460	460	460	460	460
	Phase	3	3	3	3	1	1	3	3	3
	HP	1/2	1/2	1/2	1/2	3/4	3/4	1/2	1/2	1/2
	Amps (FLA)	2.8	2.8	2.8	2.8	3.2	3.2	1.4	1.4	1.4
	Amps (LRA)	11.3	11.3	11.3	11.3	0	0	6.2	6.2	6.2

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RKPL SERIES										
		-A042DM12E	-A042JK08E	-A042JK08X	-A042JK12E	-A042JK12X	-A048CK08E	-A048CK10E	-A048CK13E	-A048CL08E
Unit Information	Unit Operating Voltage Range	414-506	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253
	Minimum Circuit Ampacity	10	30/30	30/30	30/30	30/30	25/25	25/25	25/25	22/22
	Minimum Overcurrent Protection Device Size	15	35/35	35/35	35/35	35/35	30/30	30/30	30/30	25/25
	Maximum Overcurrent Protection Device Size	15	45/45	45/45	45/45	45/45	35/35	35/35	35/35	35/35
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	3	1	1	1	1	3	3	3	3
	HP	3 1/2	3 1/2	3 1/2	3 1/2	3 1/3	4	4	4	4
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	6	17.9/17.9	17.9/17.9	17.9/17.9	17.9/17.9	13.7/13.7	13.7/13.7	13.7/13.7	13.7/13.7
	Amps (LRA)	44	112/112	112/112	112/112	112/112	83.1/83.1	83.1/83.1	83.1/83.1	83.1/83.1
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	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)	1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Amps (LRA)	1.9	3	3	3	3	3	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	460	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	3	1	1	1	1	1	1	1	3
	HP	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	1/2
	Amps (FLA)	1.4	6	6	6	6	6	6	6	2.8
	Amps (LRA)	6.2	0	0	0	0	0	0	0	11.3

1. Horsepower Per Compressor.

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

ELECTRICAL DATA – RKPL SERIES										
		-A048CL10E	-A048CL13E	-A048CM08E	-A048CM10E	-A048CM13E	-A048DK08E	-A048DK10E	-A048DK13E	-A048DL08E
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	414-506	414-506	414-506	414-506
	Minimum Circuit Ampacity	22/22	22/22	23/23	23/23	23/23	12	12	12	11
	Minimum Overcurrent Protection Device Size	25/25	25/25	30/30	30/30	30/30	15	15	15	15
	Maximum Overcurrent Protection Device Size	35/35	35/35	35/35	35/35	35/35	15	15	15	15
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460	460	460	460
	Phase	3	3	3	3	3	3	3	3	3
	HP	4	4	4	4	4	4	4	4	4
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	13.7/13.7	13.7/13.7	13.7/13.7	13.7/13.7	13.7/13.7	6.2	6.2	6.2	6.2
	Amps (LRA)	83.1/83.1	83.1/83.1	83.1/83.1	83.1/83.1	83.1/83.1	41	41	41	41
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460	460	460	460
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	1.5	1.5	1.5	1.5	1.5	1	1	1	1
	Amps (LRA)	3	3	3	3	3	1.9	1.9	1.9	1.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	460	460	460	460
	Phase	3	3	3	3	3	1	1	1	3
	HP	1/2	1/2	3/4	3/4	3/4	3/4	3/4	3/4	1/2
	Amps (FLA)	2.8	2.8	3.4	3.4	3.4	3.2	3.2	3.2	1.4
	Amps (LRA)	11.3	11.3	16.8	16.8	16.8	0	0	0	6.2

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RKPL SERIES										
		-A048DL10E	-A048DL13E	-A048DM08E	-A048DM10E	-A048DM13E	-A048JK08E	-A048JK08X	-A048JK10E	-A048JK10X
Unit Information	Unit Operating Voltage Range	414-506	414-506	414-506	414-506	414-506	187-253	187-253	187-253	187-253
	Minimum Circuit Ampacity	11	11	11	11	11	35/35	35/35	35/35	35/35
	Minimum Overcurrent Protection Device Size	15	15	15	15	15	45/45	45/45	45/45	45/45
	Maximum Overcurrent Protection Device Size	15	15	15	15	15	50/50	50/50	50/50	50/50
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	208/230	208/230	208/230	208/230
	Phase	3	3	3	3	3	1	1	1	1
	HP	4	4	4	4	4	4	4	4	4
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	6.2	6.2	6.2	6.2	6.2	21.8/21.8	21.8/21.8	21.8/21.8	21.8/21.8
	Amps (LRA)	41	41	41	41	41	117/117	117/117	117/117	117/117
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	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)	1	1	1	1	1	1.5	1.5	1.5	1.5
	Amps (LRA)	1.9	1.9	1.9	1.9	1.9	3	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	208/230	208/230	208/230	208/230
	Phase	3	3	3	3	3	1	1	1	1
	HP	1/2	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4
	Amps (FLA)	1.4	1.4	1.6	1.6	1.6	6	6	6	6
	Amps (LRA)	6.2	6.2	8.4	8.4	8.4	0	0	0	0

1. Horsepower Per Compressor.

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

ELECTRICAL DATA – RKPL SERIES										
		-A048JK13E	-A048JK13X	-A060CK10E	-A060CK13E	-A060CL10E	-A060CL13E	-A060CM10E	-A060CM13E	-A060DK10E
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	414-506
	Minimum Circuit Ampacity	35/35	35/35	30/30	30/30	26/26	26/26	26/26	26/26	15
	Minimum Overcurrent Protection Device Size	45/45	45/45	35/35	35/35	30/30	30/30	35/35	35/35	20
	Maximum Overcurrent Protection Device Size	50/50	50/50	45/45	45/45	40/40	40/40	40/40	40/40	20
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	460
	Phase	1	1	3	3	3	3	3	3	3
	HP	4	4	5	5	5	5	5	5	5
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	21.8/21.8	21.8/21.8	16/16	16/16	16/16	16/16	16/16	16/16	7.8
	Amps (LRA)	117/117	117/117	110/110	110/110	110/110	110/110	110/110	110/110	52
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	460
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	1
	Amps (LRA)	3	3	4.9	4.9	4.9	4.9	4.9	4.9	1.9
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	460
	Phase	1	1	1	1	3	3	3	3	1
	HP	3/4	3/4	1	1	3/4	3/4	1	1	1
	Amps (FLA)	6	6	7.6	7.6	3.4	3.4	3.8	3.8	4.0
	Amps (LRA)	0	0	0	0	16.8	16.8	24	24	0

1. Horsepower Per Compressor.

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



ELECTRICAL DATA – RKPL SERIES										
		-A060DK13E	-A060DL10E	-A060DL13E	-A060DM10E	-A060DM13E	-A060JK10E	-A060JK10X	-A060JK13E	-A060JK13X
Unit Information	Unit Operating Voltage Range	414-506	414-506	414-506	414-506	414-506	187-253	187-253	187-253	187-253
	Minimum Circuit Ampacity	15	13	13	13	13	43/43	43/43	43/43	43/43
	Minimum Overcurrent Protection Device Size	20	15	15	15	15	50/50	50/50	50/50	50/50
	Maximum Overcurrent Protection Device Size	20	20	20	20	20	60/60	60/60	60/60	60/60
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	208/230	208/230	208/230	208/230
	Phase	3	3	3	3	3	1	1	1	1
	HP	5	5	5	5	5	5	5	5	5
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	7.8	7.8	7.8	7.8	7.8	26.4/26.4	26.4/26.4	26.4/26.4	26.4/26.4
	Amps (LRA)	52	52	52	52	52	134/134	134/134	134/134	134/134
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	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)	1	1	1	1	1	2.2	2.2	2.2	2.2
	Amps (LRA)	1.9	1.9	1.9	1.9	1.9	4.9	4.9	4.9	4.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	460	460	460	460	460	208/230	208/230	208/230	208/230
	Phase	1	3	3	3	3	1	1	1	1
	HP	1	3/4	3/4	1	1	1	1	1	1
	Amps (FLA)	4.0	1.6	1.6	1.9	1.9	7.6	7.6	7.6	7.6
	Amps (LRA)	0	8.4	8.4	12	12	0	0	0	0

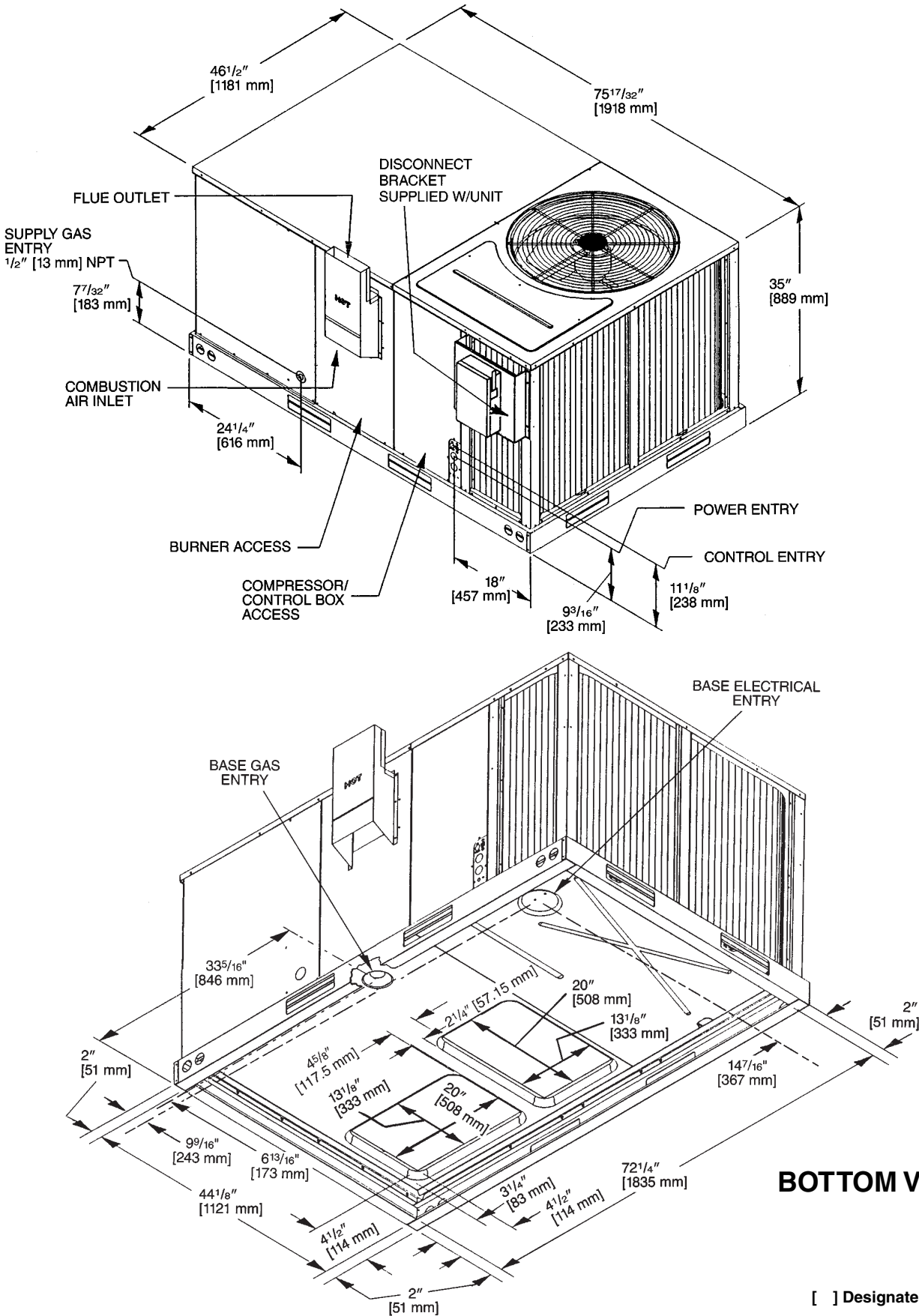
1. Horsepower Per Compressor.

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



UNIT DIMENSIONS
PACKAGE GAS ELECTRIC UNITS

RKNL/RKPL- 3 TO 5 TON
[10.6 TO 17.6 kW] MODELS



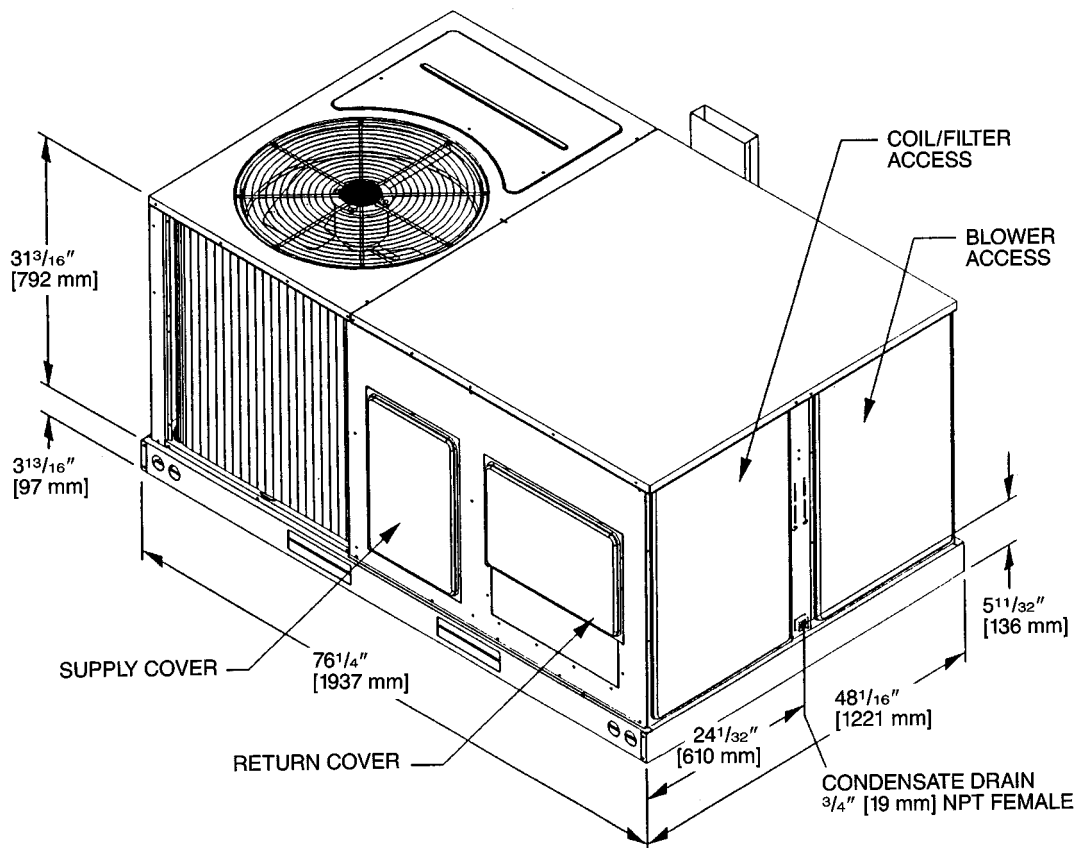
[] Designates Metric Conversions



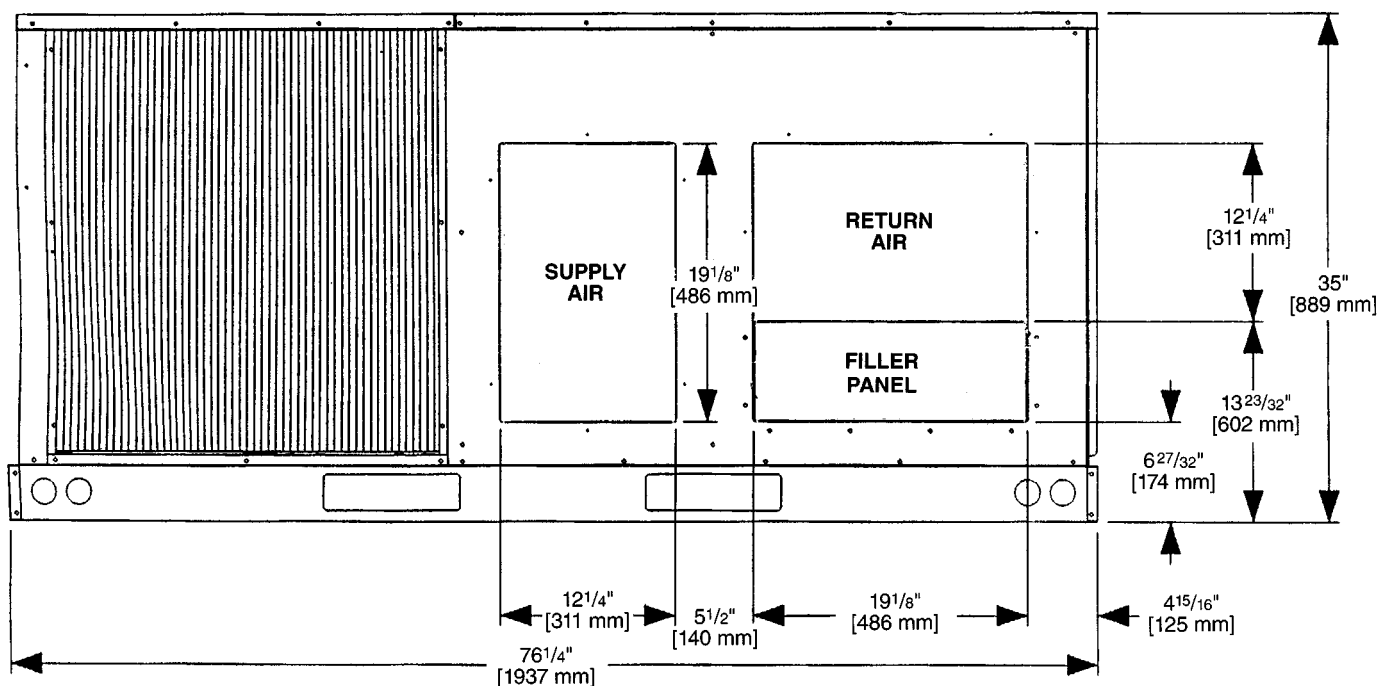
UNIT DIMENSIONS—RKNL/RKPL- SERIES

UNIT DIMENSIONS PACKAGE GAS ELECTRIC UNITS

RKNL/RKPL- 3 TO 5 TON [10.6 TO 17.6 kW] MODELS



SUPPLY AND RETURN DIMENSIONS



[] Designates Metric Conversions

WEIGHTS

Accessory	3-5 Ton [10.6-17.6 kW]	
	Shipping	Operating
	lbs [kg]	lbs [kg]
Economizer with Single Enthalapy	70 [32]	60 [27]
Power Exhaust	70 [32]	67 [30]
Fresh Air Damper (Manual)	11 [5]	9 [4]
Fresh Air Damper (Motorized)	13 [6]	11 [5]
Roof Curb 14"	92 [42]	88 [40]
Roof Curb 24"	108 [49]	104 [47]
Concentric Diffuser 18" Flush	37 [17]	26 [12]
Concentric Diffuser 20" Flush	54 [24]	42 [19]
Side Discharge Concentric Diffuser RXRN-FA60	35 [16]	20 [9]
Side Discharge Concentric Diffuser RXRN-FA65	55 [25]	40 [18]

CENTER OF GRAVITY (C.G.)

Capacity Tons [kW]	A in. [mm]	B in. [mm]
3-5 [10.6-17.6]	38 ¹ / ₄ [972]	25 ³ / ₄ [654]

Capacity Tons [kW]	Corner Weights by Percentage			
	A	B	C	D
3-5 [10.6-17.6]	22%	27%	23%	28%

CLEARANCES

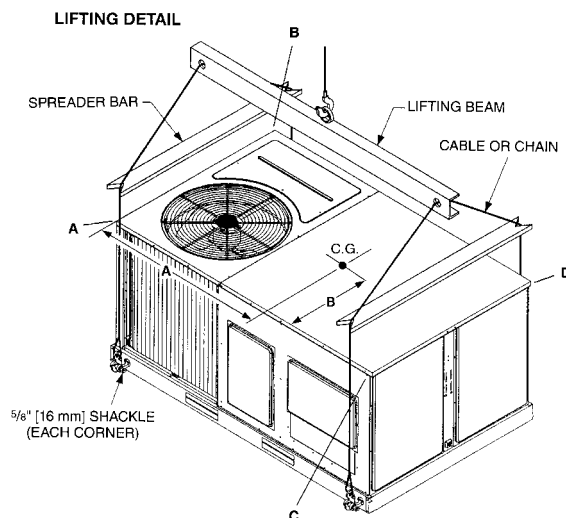
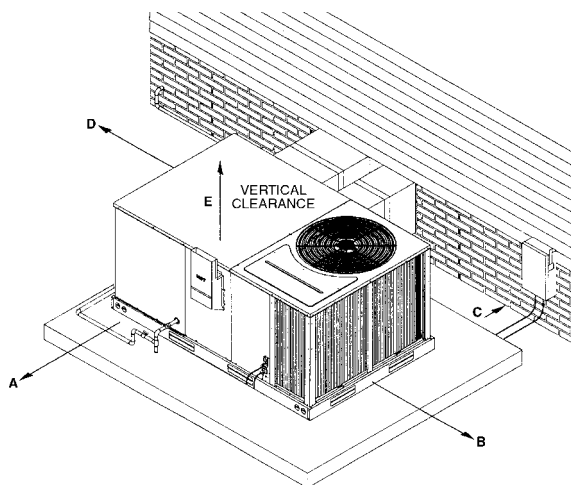
(3 to 5 Ton [10.6 to 17.6 kW] Models)

The following minimum clearances are recommended for proper unit performance and serviceability.

Recommended Clearance in. [mm]	Location
48 [1219]	A - Front
18 [457]	B - Condenser Coil
12 [305]	C - Duct Side
36 [914]	D - Evaporator End
60 [1524]	E - Above

*Without Economizer. 57" [1448 mm] With Economizer

NOTE: Supply duct may be installed with "0" inch clearance to combustible materials, provided 1" [25.4 mm] minimum Fiberglass insulation is applied either inside or on the outside of the duct.



[] Designates Metric Conversions

ACCESSORY EQUIPMENT

Accessory Description	Model Application 3 to 5 Ton [10.6 to 17.6 kW]	Accessory Model No. 3 to 5 Ton [10.6 to 17.6 kW]	Factory Installed 3 to 5 Ton [10.6 to 17.6 kW]
Thermostats	RKNL/RKPL-	See Thermostat Specification Sheet (T11-001)	No
Roofcurb 14"	RKNL/RKPL-	RXKG-CAD14	No
Roofcurb 24"	RKNL/RKPL-	RXKG-CAD24	No
Roofcurb Adapters	RKNL/RKPL-	RXR-BCDB21 RXR-BCDB22 RXR-BCDB23	No
Economizer with Single Enthalpy ②	RKNL/RKPL-	RXR-MECM3	Yes
Dual Enthalpy Kit	RKNL/RKPL-	RXR-AV02	No
CO ₂ Sensor Only	RKNL/RKPL-	RXR-AR02	No
Power Exhaust	RKNL/RKPL-	RXR-BGF04C, D, Y	No
Fresh Air Damper Manual	RKNL/RKPL-	RXR-FBA1	No
Fresh Air Damper Motorized	RKNL/RKPL-	RXR-FBB1	No
Rectangular to Round 18" Duct Adapters for Concentric Diffuser	RKNL/RKPL-	RXMC-CB03	No
Rectangular to Round 20" Duct Adapters for Concentric Diffuser	RKNL/RKPL-	RXMC-CB04	No
Concentric Diffuser 18" Step	RKNL/RKPL-	RXR-FA60, RXR-FA65	No
Concentric Diffuser 18" Flush	RKNL/RKPL-	RXR-FA70, RXR-FA75	No
Rectangular to Round 16" Side	RKNL/RKPL-	RXMC-BB01	No
Louver Kit (3 Sides)	All RKNL/RKPL- Models	RXR-AAD01B	Yes
Time Delay	RKNL/RKPL-	RXMD-B01	Yes
Low Ambient Control to 0°F [-18°C]	RKNL/RKPL-	RXR-B01	Yes
LP Conversion Kits for use with White Rodgers Gas Valve ①	RKNL/RKPL-	RXGJ-EP84W	No
LP Conversion Kits for use with Honeywell Gas Valve ①	RKNL/RKPL-	RXGJ-EP85H	No
Canadian High Altitude Kit (for Natural Gas Only) ①	RKNL/RKPL-	RXR-AH01	No
Freeze Stat	RKNL/RKPL-	RXR-AM04	Yes

*Voltage J = 208/230 VAC-1PH-60HZ D = 460 VAC-3PH-60HZ
C = 208/230 VAC-3PH-60HZ

NOTES: ① If a particular unit is to be converted to operate on **LP (propane)** for elevations above 2000 ft. 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. Canadian applications.
② Economizer is designed for downflow or horizontal applications.

[] Designates Metric Conversions

THERMOSTATS



100-Series *
Non-Programmable



200-Series *
Programmable



300-Series *
Deluxe
Programmable



400-Series *
Special Applications/
Programmable

500-Series *
Communicating/
Programmable

Brand	Unique Model Number Prefix	Descriptor (3 Characters)	Series (3 Characters)	System (2 Characters)	Type (2 Characters)
RHC	-	TST	101	GE	MS
RHC=Rheem		TST=Thermostat	100=Non-Programmable 200=Programmable 300=Deluxe Programmable 400=Special Applications/Programmable 500=Communicating/Programmable	GE=Gas/Oil/Electric HP=Heat Pump MD=Modulating Furnace DF=Dual Fuel UN=Universal AC/HP/GE CM=Communicating	SS=Single-Stage MS=Multi-Stage

* Photos are representative. Actual models may vary.

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

Roofcurb Adapters

Old Models

MEDIUM CABINET (3 TON [11 kW])

(-)SNC, (-)SND, (-)SNE
(-)RGE, (-)RGF, (-)RGG
(-)PNC, (-)PND

LARGE CABINET

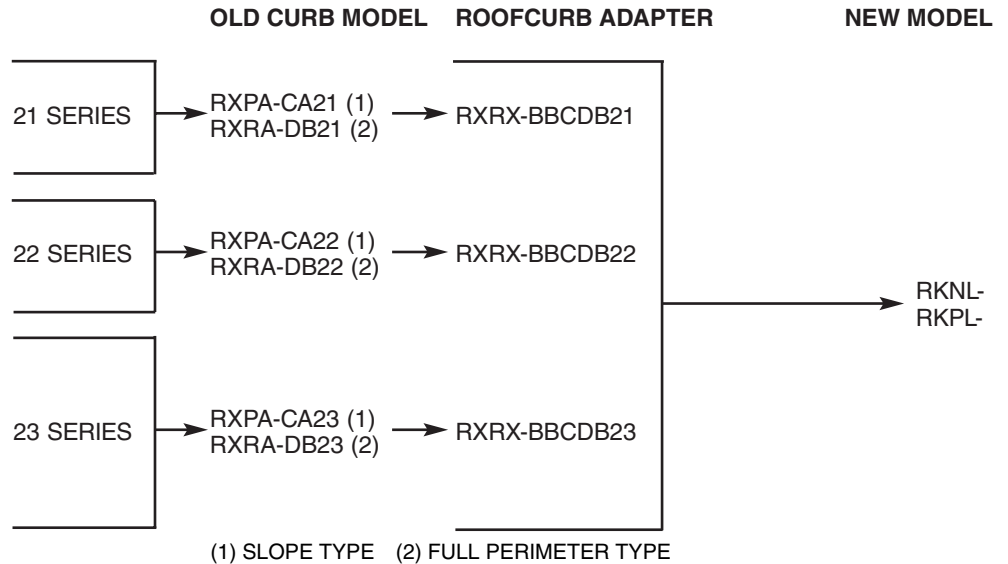
(3-3½ TON [11-12 kW])

(-)RGE, (-)RGF, (-)RGG,
(-)RGH (3 TON [11 kW])

EXTRA LARGE CABINET

(3½-5 TON [12-18 kW])

(-)SNC, (-)SND, (-)SNE
(-)RGE, (-)RGF,
(-)RGG (4-5 TON [14-18 kW])
(-)PNC, (-)PND, (-)RGH
(3½, 4 TON [12-14 kW])



[] Designates Metric Conversions

ROOFCURBS (Full Perimeter)

- Rheem's new roofcurb design can be utilized on 3 through 5 ton [10.6-17.6 kW] models.
- Two available heights (14" [356 mm] and 24" [610 mm]) for ALL models.
- Quick assembly corners for simple and fast assembly.
- Opening provided in bottom pan to match the "Thru the Curb" electrical connection opening provided on the unit base pan.
- 2" [51 mm] x 4" [102 mm] Nailers provided.
- Insulating panels provided.
- Sealing gasket (28" [711 mm]) provided with Roofcurb.
- Packaged for easy field assembly.

Roofcurb Model	Height of Curb
RXKG-CAD14	14" [356 mm]
RXKG-CAD24	24" [610 mm]

[] Designates Metric Conversions

TYPICAL INSTALLATION

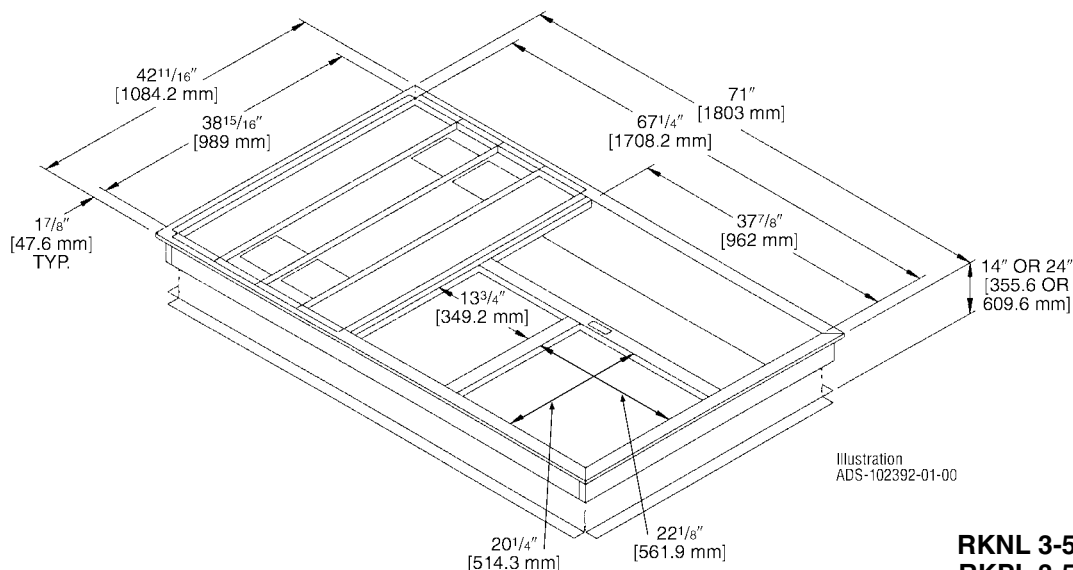
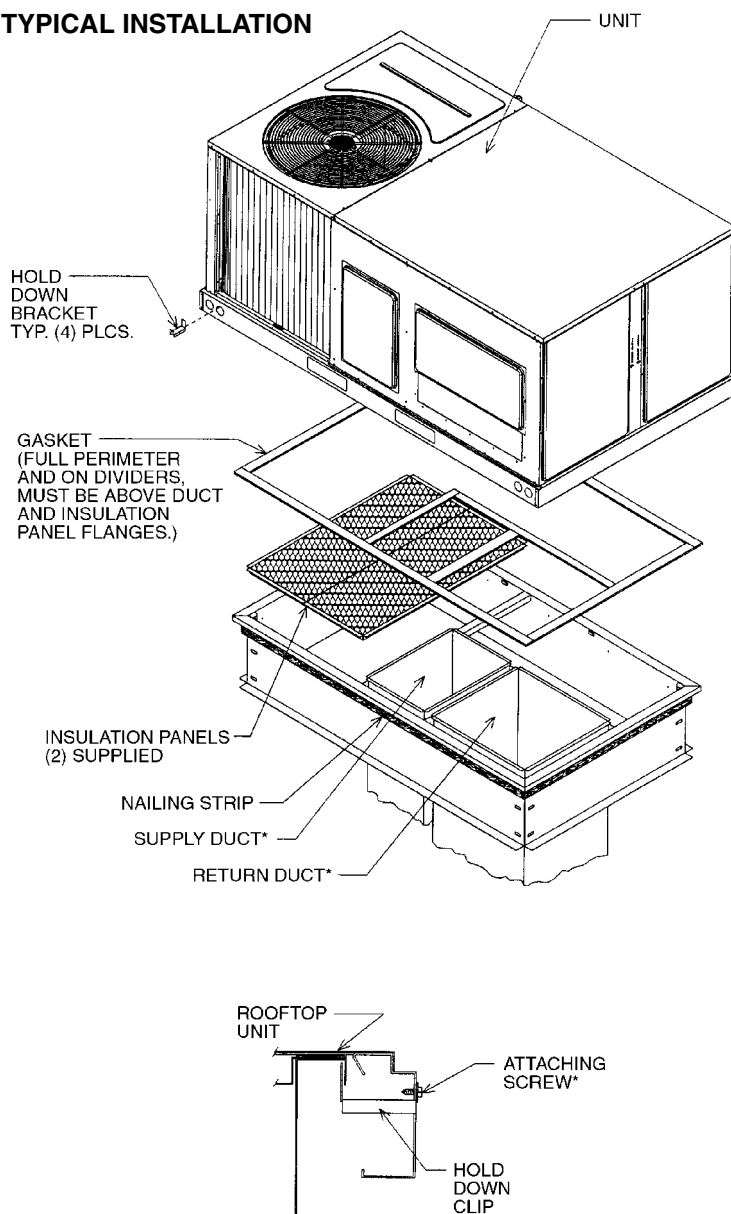


Illustration
ADS-102392-01-00

**ROOFCURB FOR
RKNL 3-5 TON [10.6-17.6 kW] MODELS
RKPL 3-5 TON [10.6-17.6 kW] MODELS**

ECONOMIZERS

RXRD-MECM3—RKNL 3-5 Ton [10.6-17.6 kW] Models
RKPL 3-5 Ton [10.6-17.6 kW] Models

RXRX-AV02—3-5 Ton [10.6-17.6 kW] Models

RXRX-AR02—3-5 Ton [10.6-17.6 kW] Models

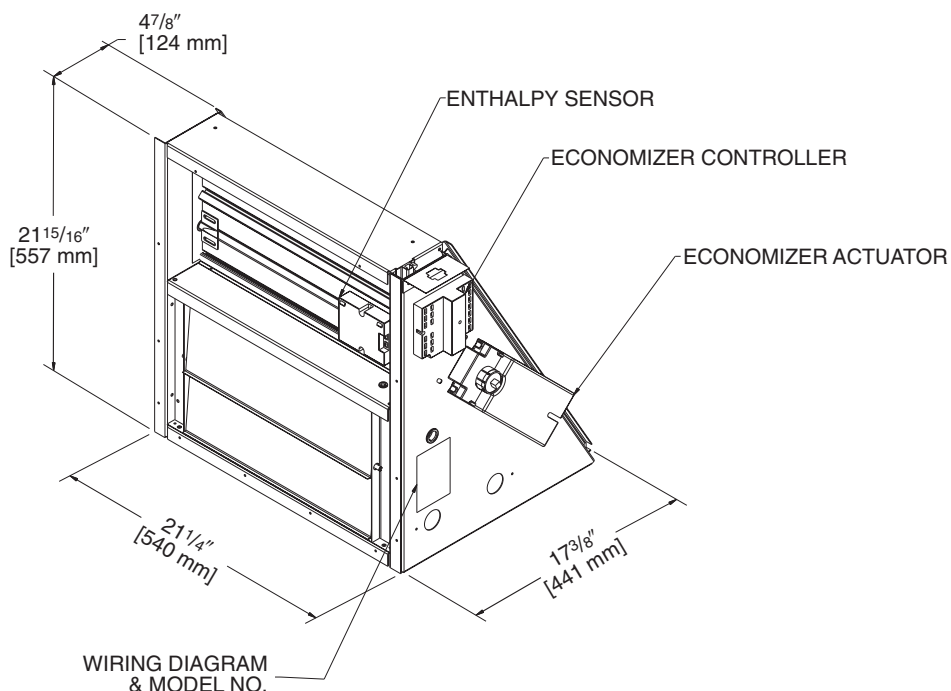
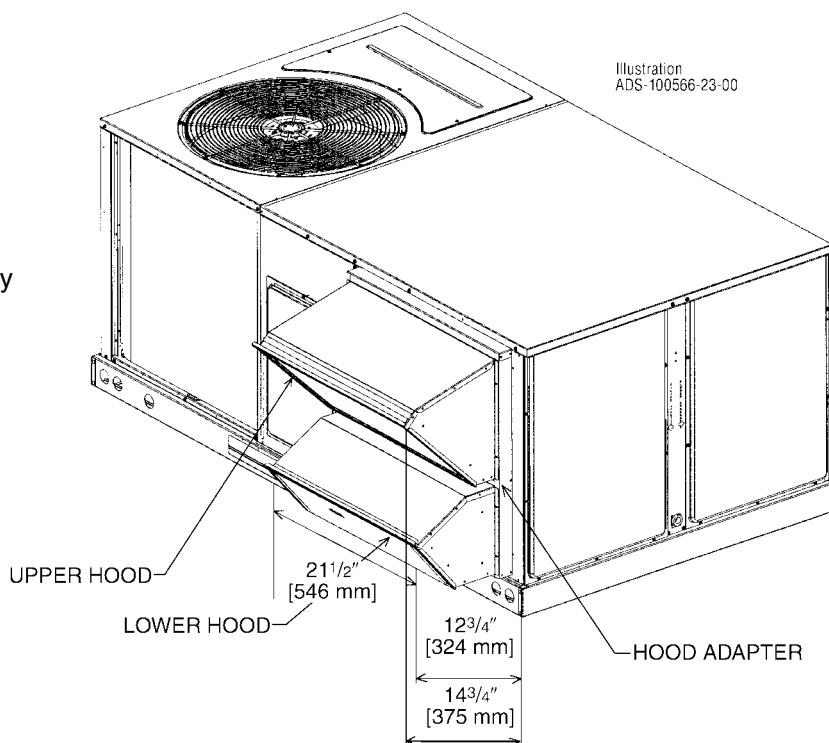
Single Enthalpy (with Barometric Relief)

Dual Enthalpy Kit

Optional CO₂ Sensor

- Features **Honeywell** Analog Controls
- Available factory installed or field accessory
- Gear Driven Direct Drive Actuator
- Fully Modulating (0-100%)
- Low Leakage Dampers
- Horizontal or Downflow Applications
- Slip-In Design for Easy Installations
- Plug-In Polarized 9-pin Electrical Connections
- Pre-configuring—No Field Adjustments Necessary
- Standard Barometric Relief Damper Provided
- Single Enthalpy with Dual Enthalpy upgrade kit
- CO₂ Input Sensor Available (field installed)
- Economizer slips in complete for downflow or horizontal duct applications
- Field assembled hood ships with Economizer
- Optional Remote minimum position (Honeywell #S963B1128) is available from ProStock.
- Field installed power exhaust available.

[] Designates Metric Conversions



RKNL 3-5 Ton [10.6-17.6 kW] Models
RKPL 3-5 Ton [10.6-17.6 kW] Models

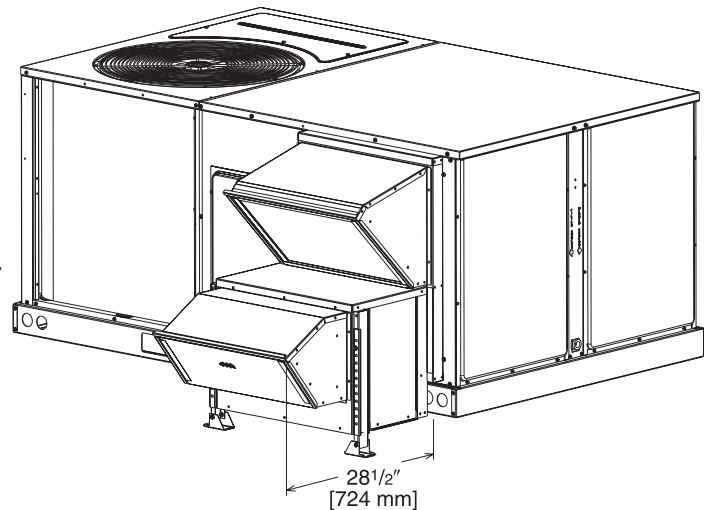
INTEGRAL POWER EXHAUST FOR ECONOMIZER (FIELD INSTALLED ONLY)

RXXRX-BGF04C—RKNL-/RKPL- 3-5 Ton [10.6-17.6 kW] Models
208/230 V, 1PH and 3PH, 60 Hz

RXXRX-BGF04D—RKNL 3-5 Ton [10.6-17.6 kW] Models & RKPL 3-5 Ton [10.6-17.6 kW] Models
460 V, 3PH, 60 Hz

RXXRX-BGF04Y—RKNL 3-5 Ton [10.6-17.6 kW] Models & RKPL 3-5 Ton [10.6-17.6 kW] Models
575V, 3PH, 60 Hz

- For **Honeywell** economizer.
- Downflow or horizontal applications.
- Requires separate 208-230 volt – 1 PH power supply with disconnect or requires separate 460V - 1 PH power supply with disconnect.
- Adjustable switch on economizer, factory preset to energize power exhaust at 95% outside air position.
- Polarized plug connects power exhaust relay to economizer.



POWER EXHAUST KIT FOR RXRD-MECM(-) ECONOMIZERS

Model No.	No. of Fans	Volts	Phase	Watts (ea.)	High Speed		FLA (ea.)	LRA (ea.)
					CFM ①	RPM		
RXXRX-BGF04C	1	208-230	1	1000	2500	1725	4.4	23.7
RXXRX-BGF04D	1	460	1	800	2370	1620	1.8	4.1
RXXRX-BGF04Y	1	575	1	800	2370	1620	1.5	3.3

① CFM is at 0" W.C. external static pressure.

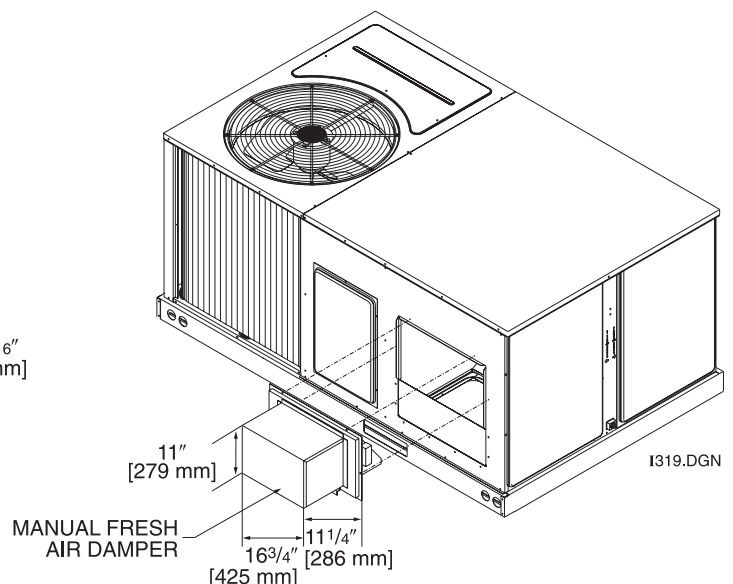
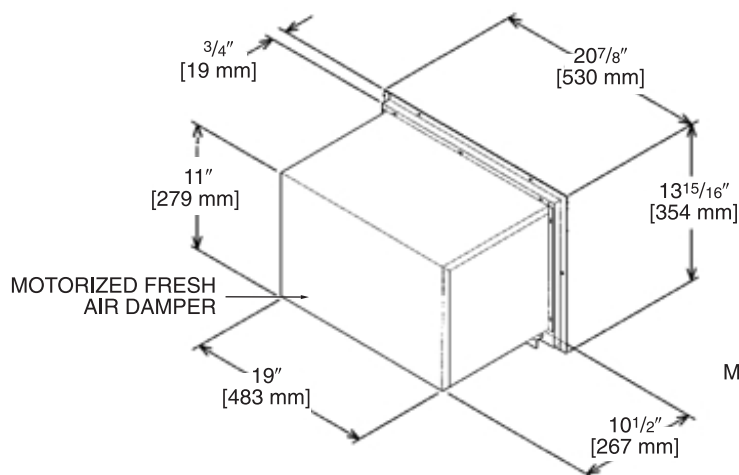
FRESH AIR DAMPER

RKNL 3-5 Ton [10.6-17.6 kW] Models

RKPL 3-5 Ton [10.6-17.6 kW] Models

RXRF-FBA1 (Manual)

RXRF-FBB1 (Motorized)



[] Designates Metric Conversions

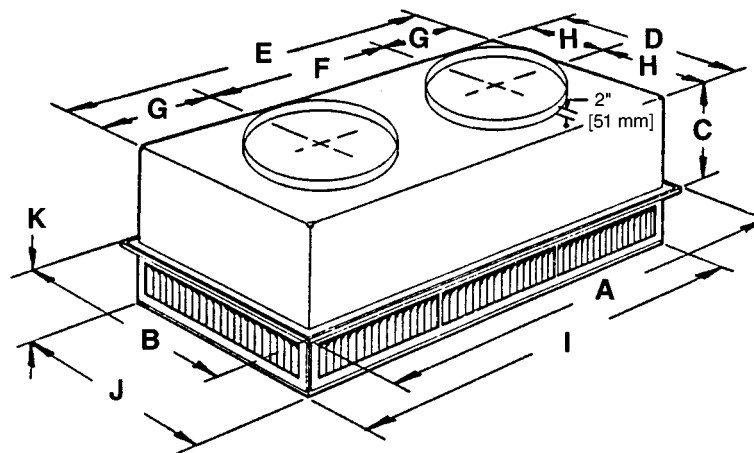
RXMC-CB03 sizes available
18" [457 mm] fit all units.
Drops into and secures to
RXKG- Series Roofcurbs.
**For use with
Concentric Diffusers.**

Isometric view of the bottom of the enclosure. Dimensions shown include: 23 1/2" [597 mm] (top left), 1" [25 mm] (top left), 22" [559 mm] (top left), 40" [1016 mm] (top right), 1 1/2" [38 mm] (top right), 37" [940 mm] (top right), 21 3/4" [552 mm] (top right), 8" [203 mm] (right side), 3/4" [19 mm] (bottom center), 18 1/8" [460 mm] (bottom left), 18 1/8" [460 mm] (bottom left), and 1 1/8" [3 mm] X 1 1/2" [13 mm] GASKET ON UNDERSIDE OF 1 1/2" [38 mm] FLANGE (bottom center).

SIDE DISCHARGE CONCENTRIC DIFFUSER

RXRN-FA60 (3 to 6 Ton [10.6 to 21.1 kW] Models)
RXRN-FA65 (3 to 7.5 Ton [10.6 to 26.4 kW] Models)

For Use With Duct Adapter (RXMC)



DIMENSIONAL DATA

Model No.	A	B	C	D	E	F	G	H	I	J	K	Duct Size
RXRN-FA60	47 ⁵ / ₈ " [1210 mm]	23 ⁵ / ₈ " [600 mm]	11 ³ / ₈ " [289 mm]	21 ¹ / ₂ " [546 mm]	45 ¹ / ₂ " [1156 mm]	22 ¹ / ₂ " [572 mm]	11 ¹ / ₂ " [292 mm]	10 ³ / ₄ " [273 mm]	45 ¹ / ₂ " [1156 mm]	21 ¹ / ₂ " [546 mm]	7 ¹ / ₈ " [181 mm]	18RD
RXRN-FA65	47 ⁵ / ₈ " [1210 mm]	29 ⁵ / ₈ " [752 mm]	14 ³ / ₈ " [365 mm]	27 ¹ / ₂ " [699 mm]	45 ¹ / ₂ " [1156 mm]	22 ¹ / ₂ " [572 mm]	11 ¹ / ₂ " [292 mm]	13 ³ / ₄ " [349 mm]	45 ¹ / ₂ " [1156 mm]	27 ¹ / ₂ " [699 mm]	8 ¹ / ₈ " [206 mm]	20RD

ENGINEERING DATA

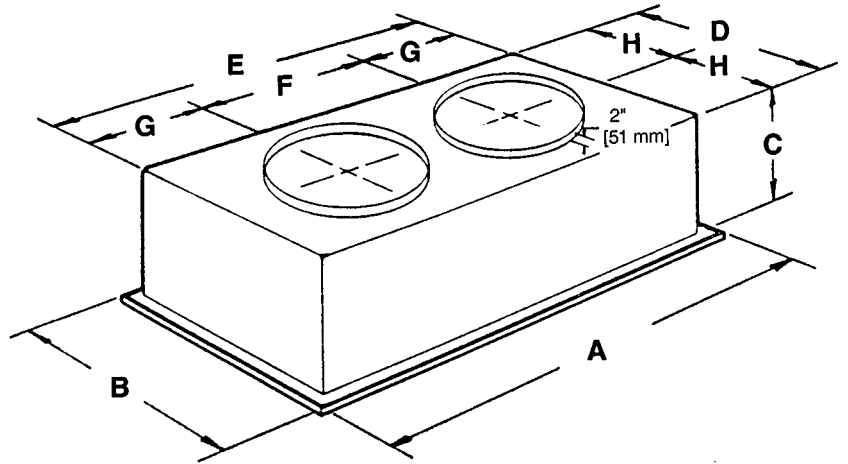
Model No.	CFM [L/s]	Static Pressure	Throw Feet	Neck Vel.	Jet Vel.	Noise Level
RXRN-FA60	1000 [472]	.14	10-17	351	351	20
	1200 [566]	.17	11-18	421	421	20
	1400 [661]	.20	12-19	491	491	20
	1600 [755]	.24	12-20	561	561	20
	1800 [850]	.30	13-21	632	632	20
	2000 [944]	.36	14-23	702	702	20
	2200 [1038]	.40	16-25	772	772	20
RXRN-FA65	2600 [1227]	.17	24-29	669	669	20
	2800 [1321]	.20	25-30	720	720	25
	3000 [1416]	.25	27-33	772	772	25
	3200 [1510]	.31	28-35	623	623	25
	3400 [1605]	.37	30-37	874	874	30

[] Designates Metric Conversions

FLUSH MOUNT CONCENTRIC DIFFUSER

RXRN-FA70 (3 to 6 Ton [10.6 to 21.1 kW] Models)
RXRN-FA75 (3 to 7.5 Ton [10.6 to 26.4 kW] Models)

For Use With Duct Adapter (RXMC)



DIMENSIONAL DATA

Model No.	A	B	C	D	E	F	G	H	Duct Size
RXRN-FA70	47 ⁵ / ₈ " [1210 mm]	23 ⁵ / ₈ " [600 mm]	13 ¹ / ₂ " [343 mm]	21" [533 mm]	45" [1143 mm]	22 ¹ / ₂ " [572 mm]	11 ¹ / ₄ " [286 mm]	10 ¹ / ₂ " [267 mm]	18RD
RXRN-FA75	47 ⁵ / ₈ " [1210 mm]	29 ⁵ / ₈ " [752 mm]	16 ⁵ / ₈ " [442 mm]	27" [666 mm]	45" [1143 mm]	22 ¹ / ₂ " [572 mm]	11 ¹ / ₄ " [286 mm]	13 ¹ / ₂ " [343 mm]	20RD

ENGINEERING DATA

Model No.	CFM [L/s]	Static Pressure	Throw Feet	Neck Vel.	Jet Vel.	Noise Level
RXRN-FA70	1000 [472]	.14	15-20	391	694	20
	1200 [566]	.17	16-22	469	833	25
	1400 [661]	.20	17-24	547	972	30
	1600 [755]	.24	18-25	625	1111	30
	1800 [850]	.30	20-28	703	1250	35
	2000 [944]	.36	21-29	781	1389	40
	2200 [1038]	.40	22-30	859	1528	40
RXRN-FA75	2600 [1227]	.17	19-24	663	1294	30
	2800 [1321]	.20	20-28	714	1393	35
	3000 [1416]	.25	21-29	765	1492	35
	3200 [1510]	.31	22-29	616	1592	40
	3400 [1605]	.37	22-30	667	1692	40

[] Designates Metric Conversions

SAMPLE SPECIFICATIONS

Unit shall be completely factory assembled and performance tested to provide the required cooling and heating functions suitable for outdoor installations. Unit shall be UL/cUL listed and rated in accordance to AHRI Standard 210.

CABINET

Unit casing, base pan and framework shall be manufactured of galvanized sheet metal primed and finished with powder paint capable of withstanding a 1000-hour salt spray test per ASTM B 117. Unit interior cabinet surfaces shall be insulated with a minimum 1/2-inch thick foil faced insulation. Access panels shall be easily removable providing access to the blower, filter, heating compartment, and compressor/control box. Unit base rails shall be provided with fork insertion slots and rigging holes. Condensate drain pan shall be of sloped design to conform to ASHRAE 62. Unit shall be supplied ready for vertical airflow and be easily convertible to horizontal airflow at or before installation.

COMPRESSOR(S)

Unit shall be provided with fully hermetic scroll compressor(s) with internally protected safety controls.

COILS

The evaporator and condenser coils shall be fabricated of copper tubes with mechanically bonded aluminum plate fins. They shall be pressure tested prior to assembly into the unit, and electronically leak tested after assembly.

CONDENSER FAN

A single direct drive propeller fan shall discharge air vertically upward. The fan motor shall be permanently lubricated and have built-in overload protection.

EVAPORATOR BLOWER

A single, double inlet, centrifugal wheel shall rotate in permanently lubricated ball bearings. The wheel shall be made from steel with corrosion resistant finish and shall be statically and dynamically balanced.

HEATING SECTION

Heat exchanger shall be of the tubular type made of aluminized steel. Burners shall be of the in-shot type. Unit shall be equipped with an integrated direct spark ignition control board with built-in diagnostics feature. Safeties to include limit, lockout, and flame roll-out switches.

ACCESSORIES

ROOF CURB

Curb shall be full perimeter type, complying with the standards of the National Roofing Contractors Association. Design shall provide for drop-in of supply and return ducts prior to setting unit, and include an insulating panel for the rest of the curb area.

ECONOMIZER

Economizer shall be completely assembled for field installation. Unit shall include all controls and dampers including the barometric relief damper. Shall be offered for both vertical and horizontal applications.

MANUAL FRESH AIR DAMPER

Damper shall consist of damper and rainhood which is manually preset to admit up to 35% of outside air for field installation.

MOTORIZED FRESH AIR DAMPER

Damper shall consist of motor, damper, and rainhood which can admit up to 35% of outside air for field installation.

PRESSURE CONTROLS

High and low pressure controls shall be included for field or factory installation.

LOW AMBIENT CONTROL

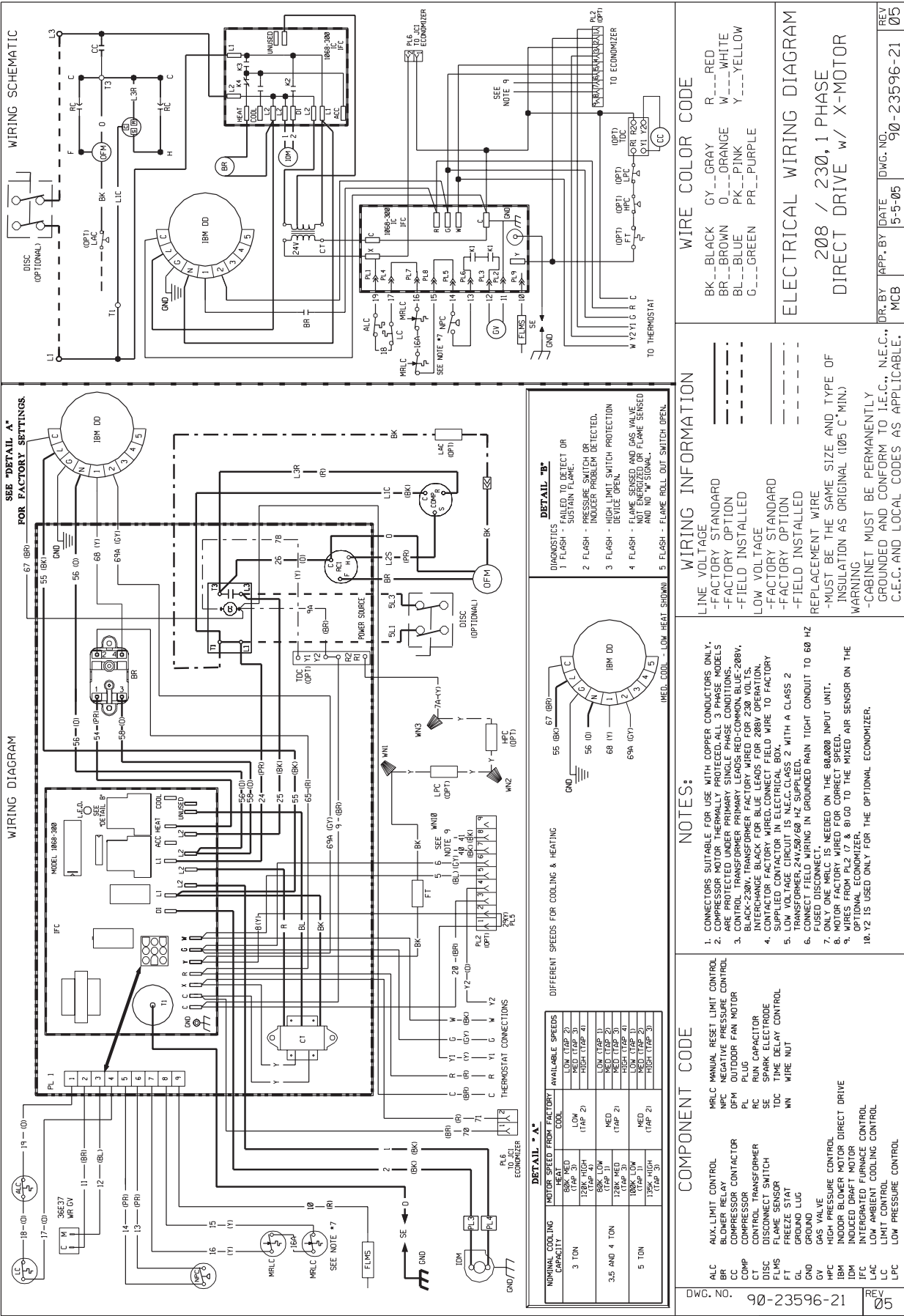
Low ambient control shall be provided to cycle the condenser fan in response to condensing pressure and allow operation to 0 degrees F. The option shall be field or factory installed.

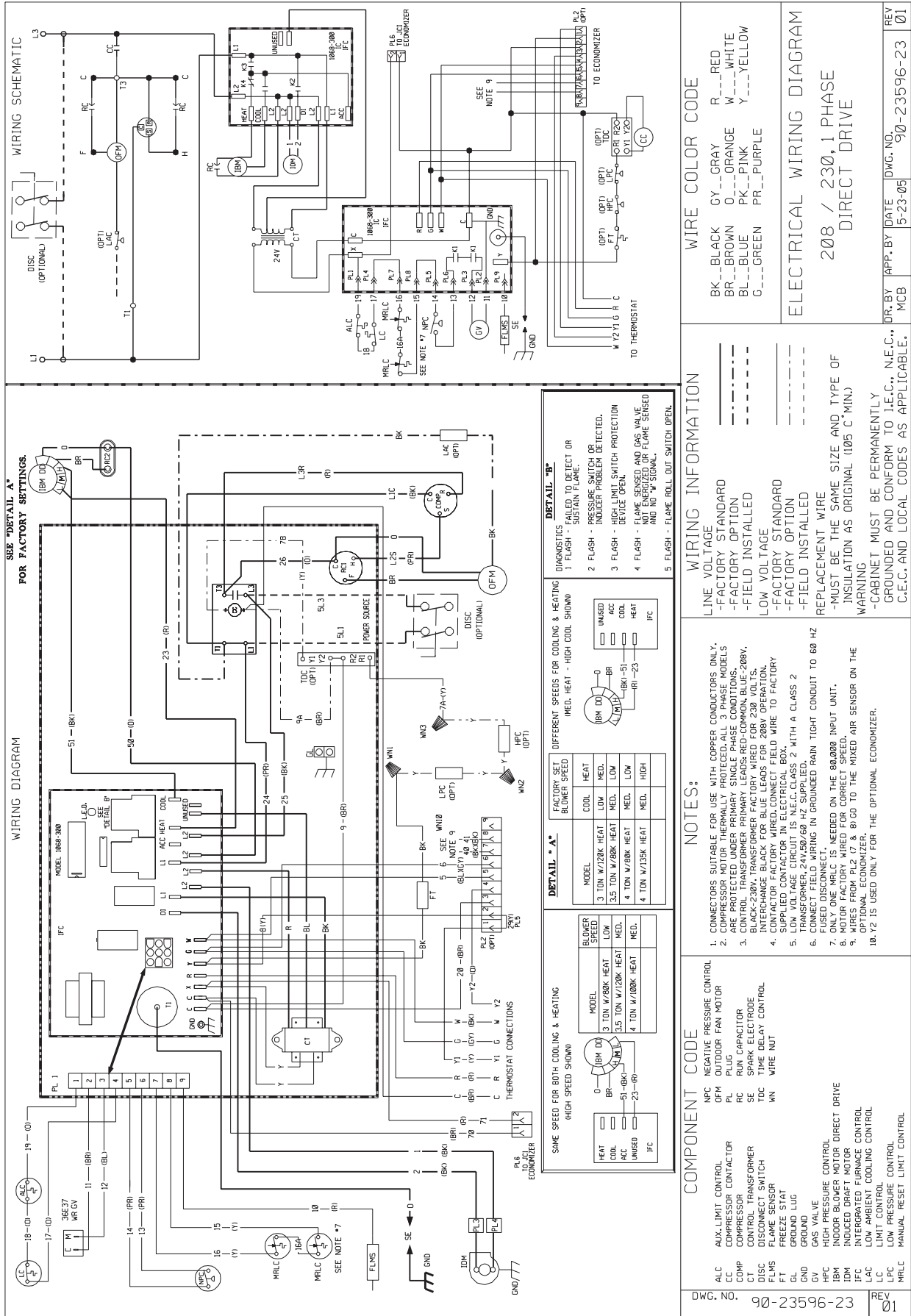
TIME DELAY CONTROL

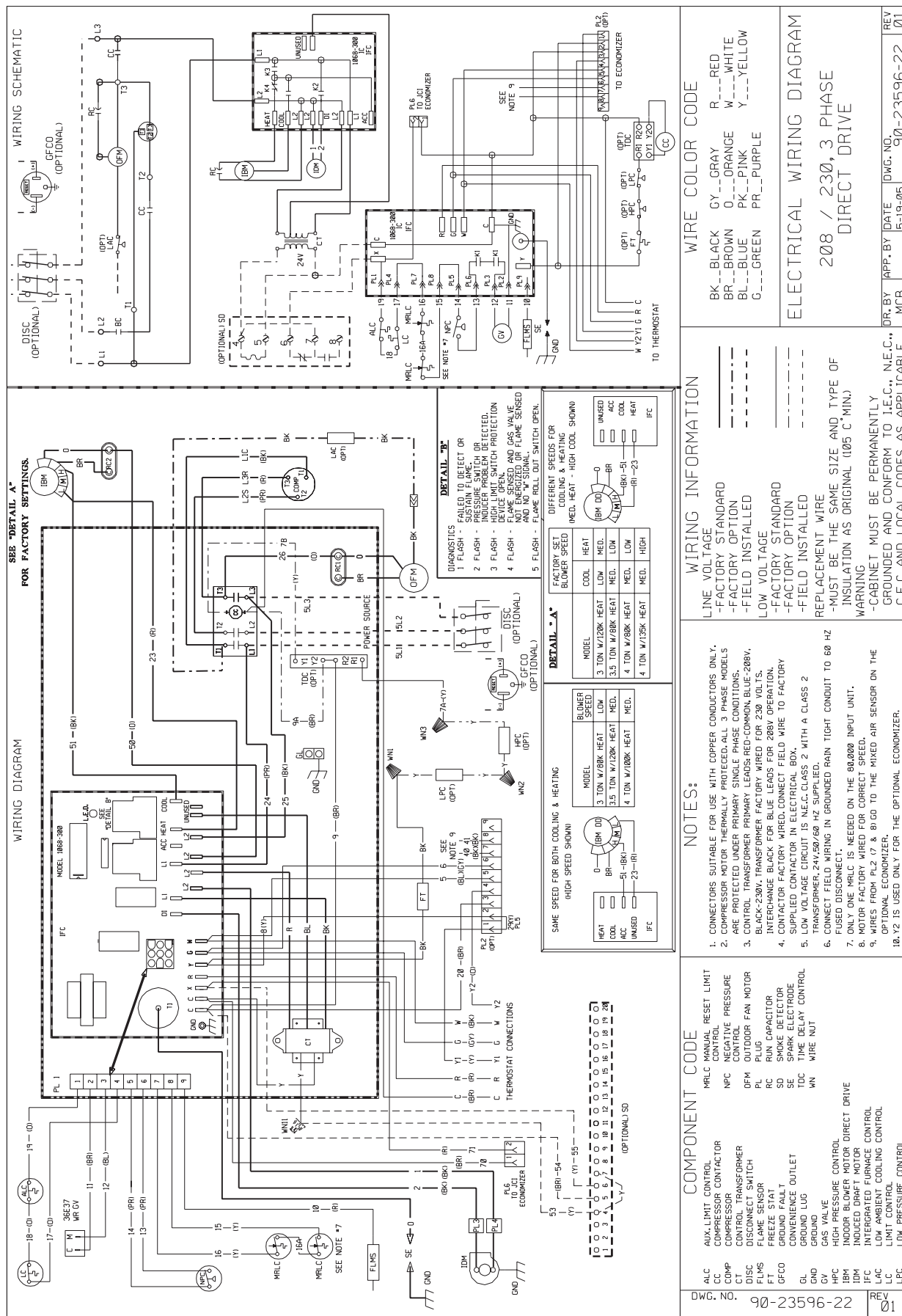
Time delay control shall be provided to prevent the compressor from restarting 5 minutes after shutdown. The control shall be field or factory installed.

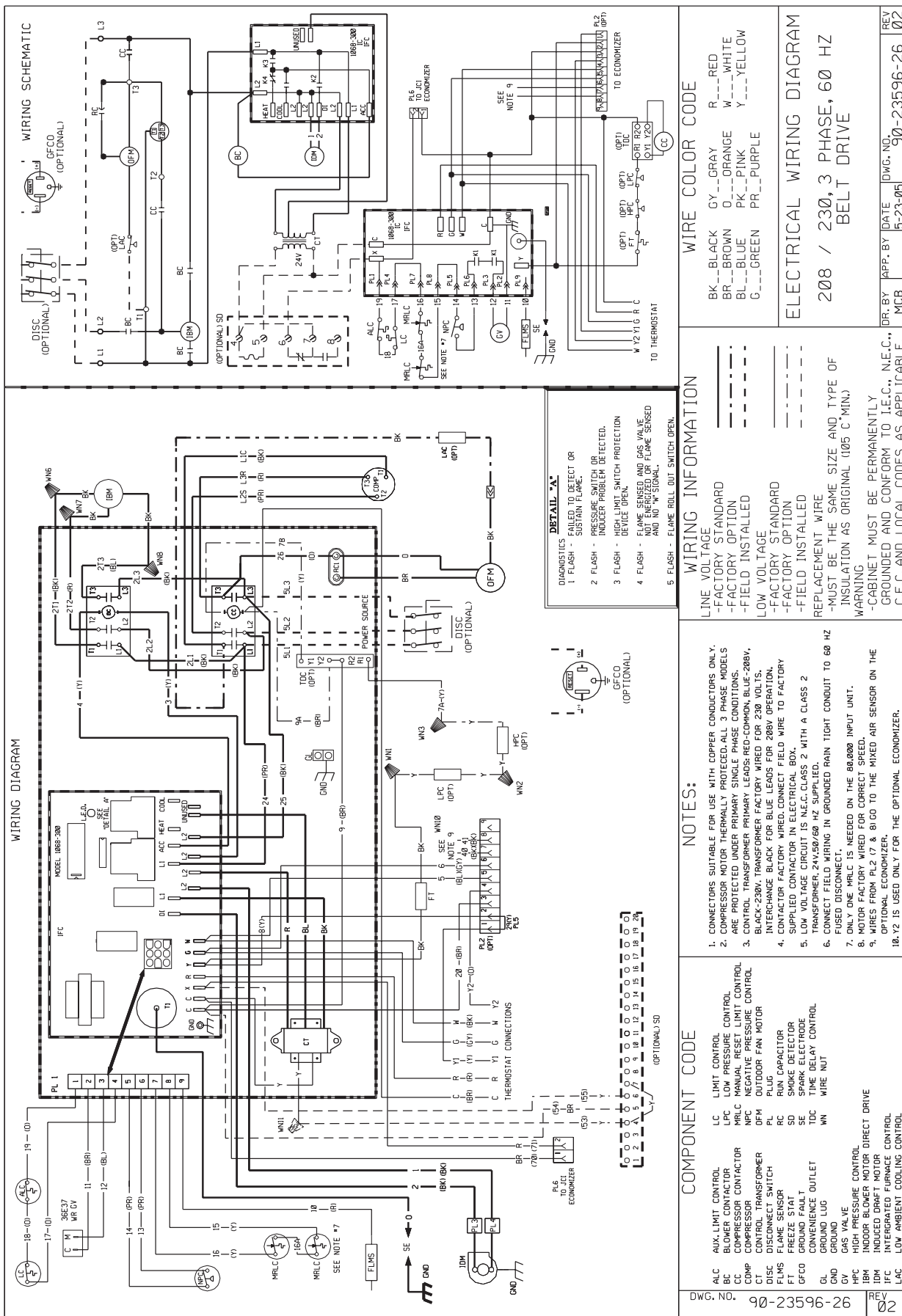
LOUVER PANEL KITS

Field or factory installed louver kits shall be provided for condenser coil protection against hail or flying debris.

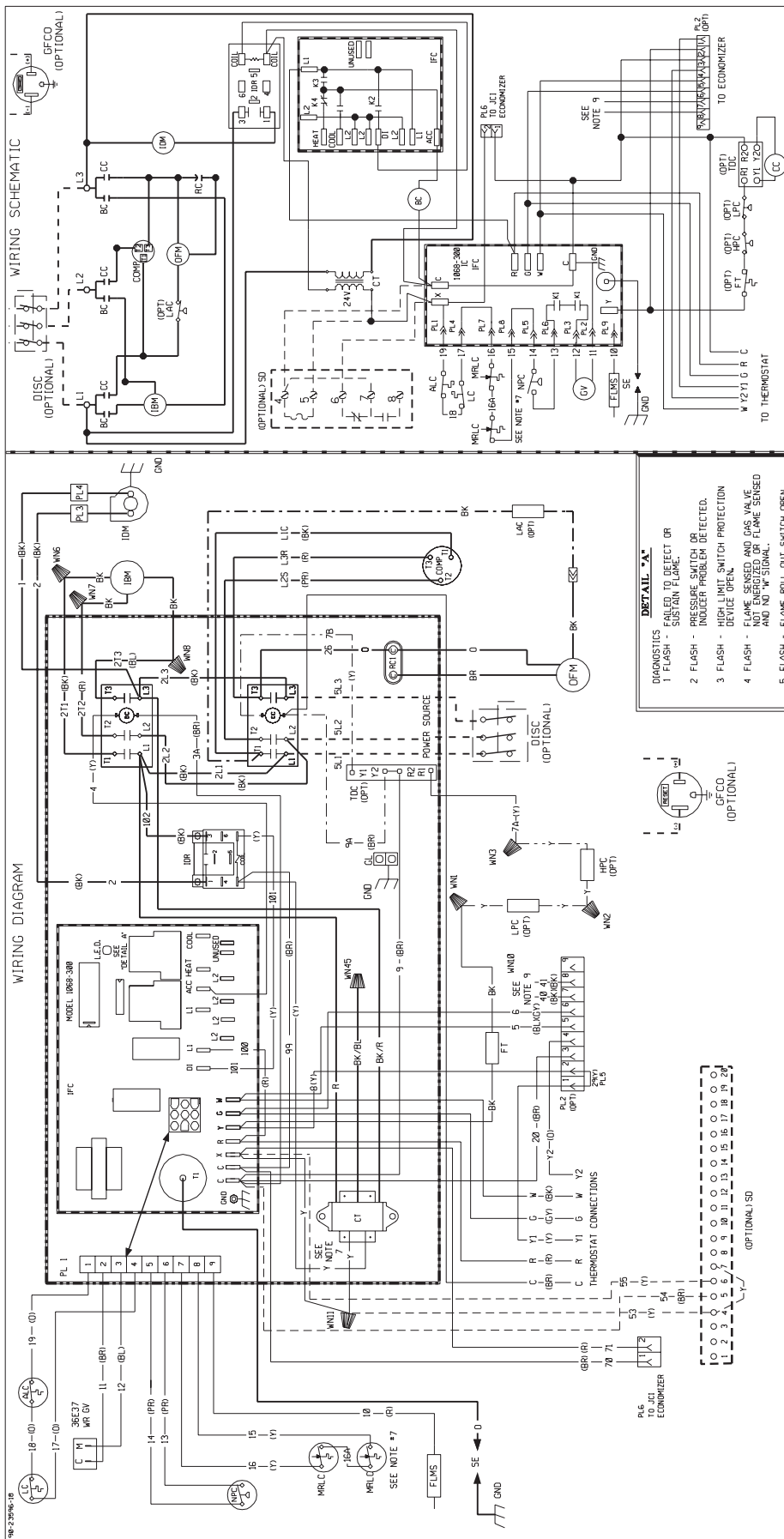












COMPONENT CODE		NOTES:	WIRING INFORMATION	WIRE COLOR CODE
ALC	AUX LIMIT CONTROL	1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.	LINE VOLTAGE	BK BLACK
BLC	BLOWER CONTACTOR	2. COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.	-FACTORY STANDARD	GY GRAY
CC	COMPRESSOR CONTACTOR	3. CONTROL FACTORY WIRED. CONNECT FIELD WIRE TO FACTORY SUPPLIED FACTORY IN ELECTRICAL BOX.	-FACTORY OPTION	BR BROWN
CCP	COMPRESSOR	4. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER, 241/50/60 HZ SUPPLIED.	-FIELD INSTALLED	OR ORANGE
CT	CONTROL TRANSFORMER	5. CONNECT FIELD WIRING IN GROUNDING RAIN TIGHT CONDUIT TO 60 HZ FUSED FIELD WIRING.	LOW VOLTAGE	BL BLUE
DISC	DISCONNECT SWITCH	6. ONLY ONE MRLC IS NEEDED ON THE 80,000 INPUT UNIT.	-FACTORY STANDARD	G GREEN
FLMS	FLAME SENSOR	7. POWER TRANSFORMER PRIMARY LEADS: BLUE-COMMON BK/RED-480V, 60 HZ.; / 380V, 50 HZ/RED-975V, 60 HZ.; / 415V, 50 HZ..	-FACTORY OPTION	
FLMS	FREEZE STAT	8. WIRES FROM FL2 (7 & 8) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.	-FIELD INSTALLED	
OFCD	GROUND FAULT CONVENIENCE OUTLET	9. 12 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.	REPLACEMENT WIRE	
GLND	GROUND LUG		-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (95 C.M.N.)	
GLND	GROUND		WARNING	
GV	GAS VALVE		-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.F.C. AND LOCAL CODES AS APPLICABLE.	
INDC	INDUCED DRAFT CONTROL			
INDC	INDUCED DRAFT RELAY			
IDR	INTERGRADED FURNACE CONTROL			
LAC	LOW AMBIENT COOLING CONTROL			

DR. BY

APP. BY

DATE

5-23-05

DWG. NO.

910-23596-24

REV

0

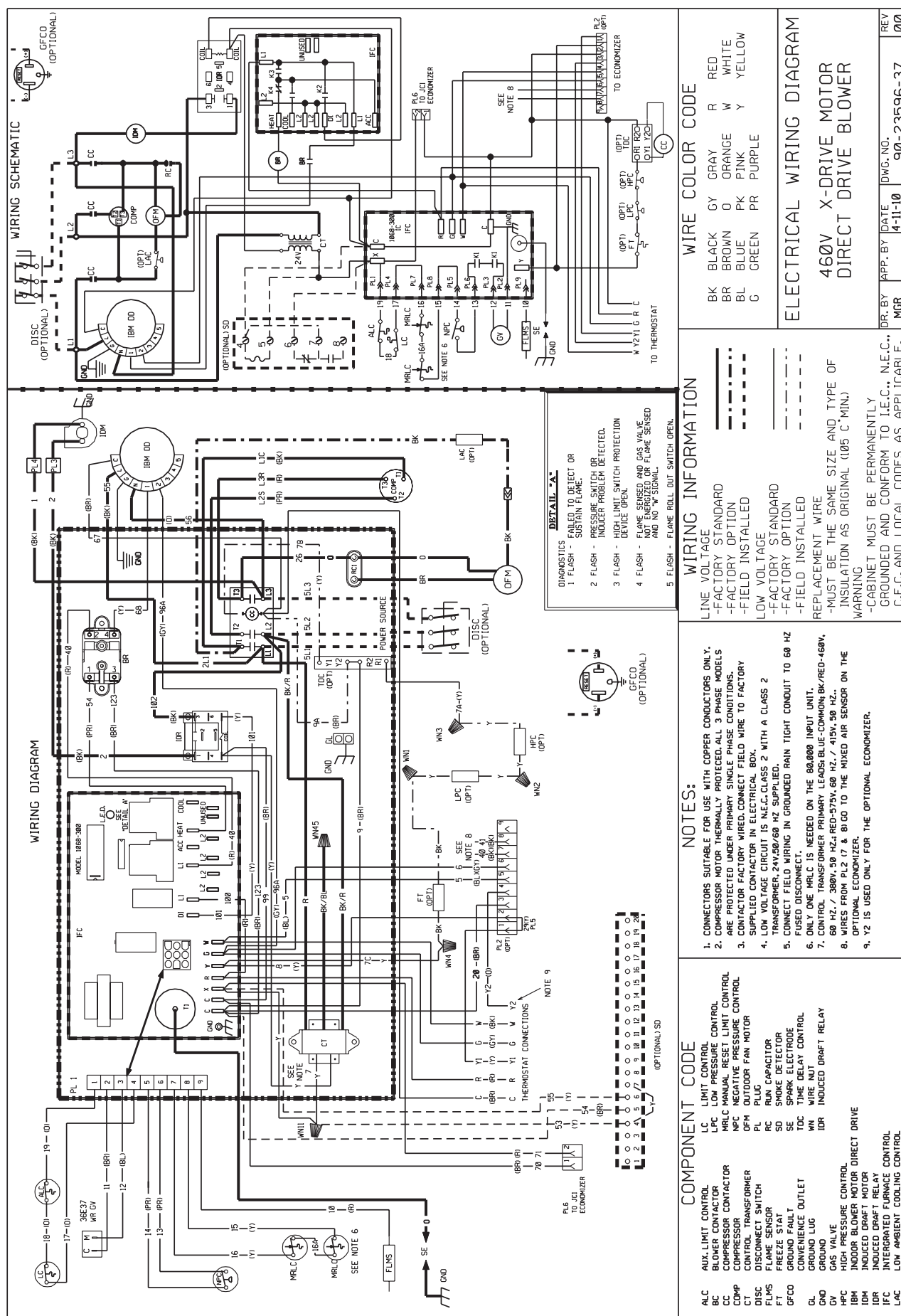
3-POUR-1-FLAME-ROLL-OUT-SHUTTER-OPEN.

ELECTRICAL WIRING DIAGRAM

460 3 PHASE, 60 HZ

BELT DRIVE









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

GENERAL TERMS OF LIMITED WARRANTY

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

***For Complete Details of the Limited Warranty, Including Applicable Terms and Conditions, See Your Local Installer or Contact the Manufacturer for a Copy.**

Heat Exchanger	
Factory Standard	Ten (10) Years
Stainless Steel/1-Phase Models/ (Residential Applications)	Limited Lifetime
Stainless Steel/1-Phase & 3-Phase Models/ (Commercial Applications)	Twenty (20) Years
Compressor	Five (5) Years
14 SEER, 1-Phase (Residential Applications)	Ten (10) Years
14 SEER, 1-Phase/3-Phase, (Commercial Applications)	Five (5) Years
13 SEER Models	Five (5) Years
Conditional Parts* (Registration Required)	
1-Phase Models (Residential Applications) ..	Ten (10) Years
Limited Parts	
1-Phase/3-Phase Models (Commercial Applications)	One (1) Year

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.

**Rheem Heating,
Cooling and
Water Heating**

P.O. Box 17010, Fort Smith, AR 72917



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