The new degree of comfort.™

Rheem
Package Air Conditioner

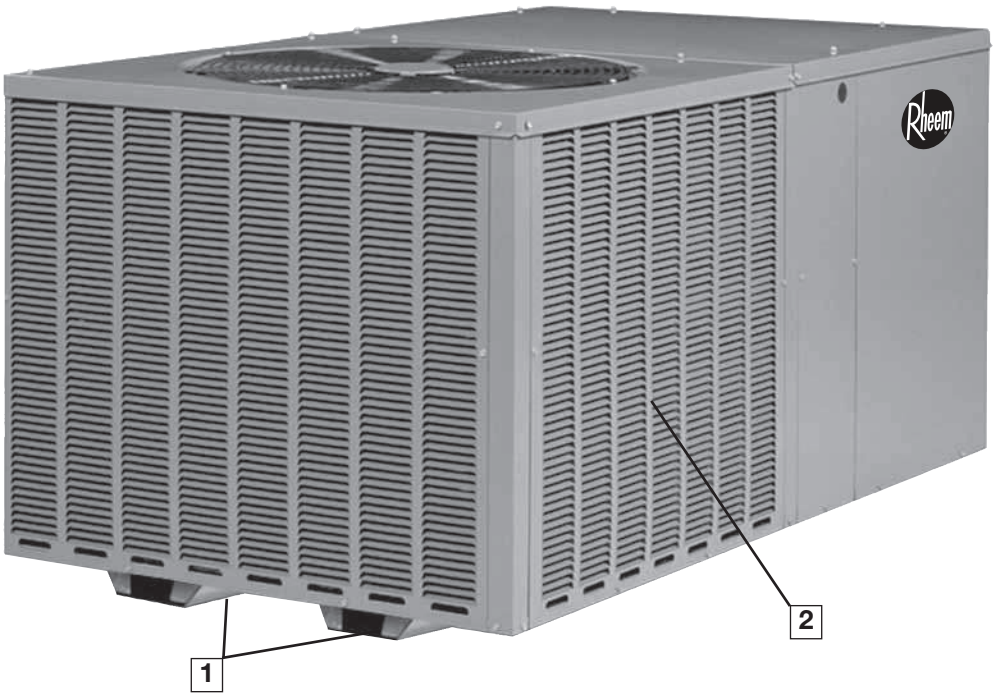
SSNM- High Efficiency Series

R410A, 50 Hz

Nominal Sizes 2-5 Ton [6.5 - 17.3] Kw

ISO 9001:2008

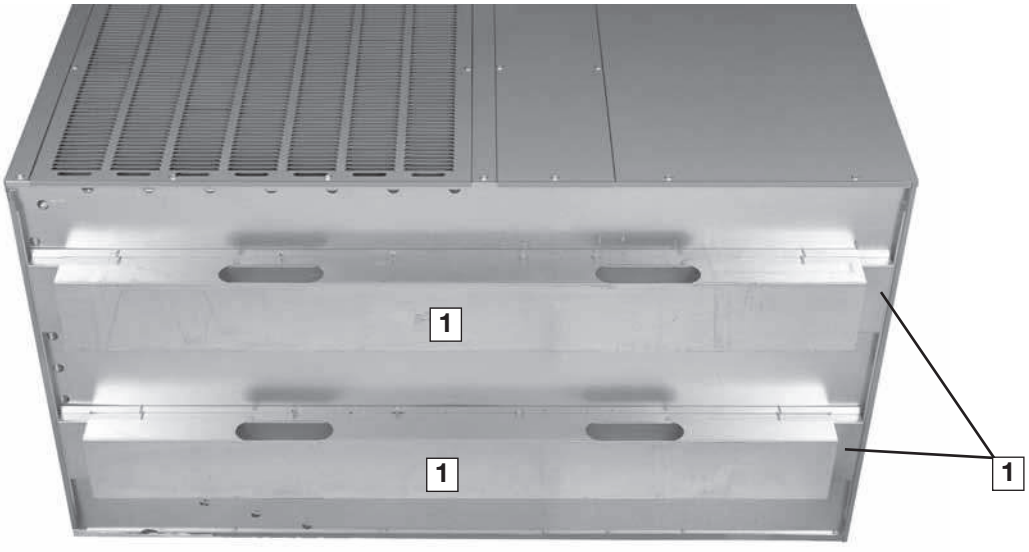
TABLE OF CONTENTS

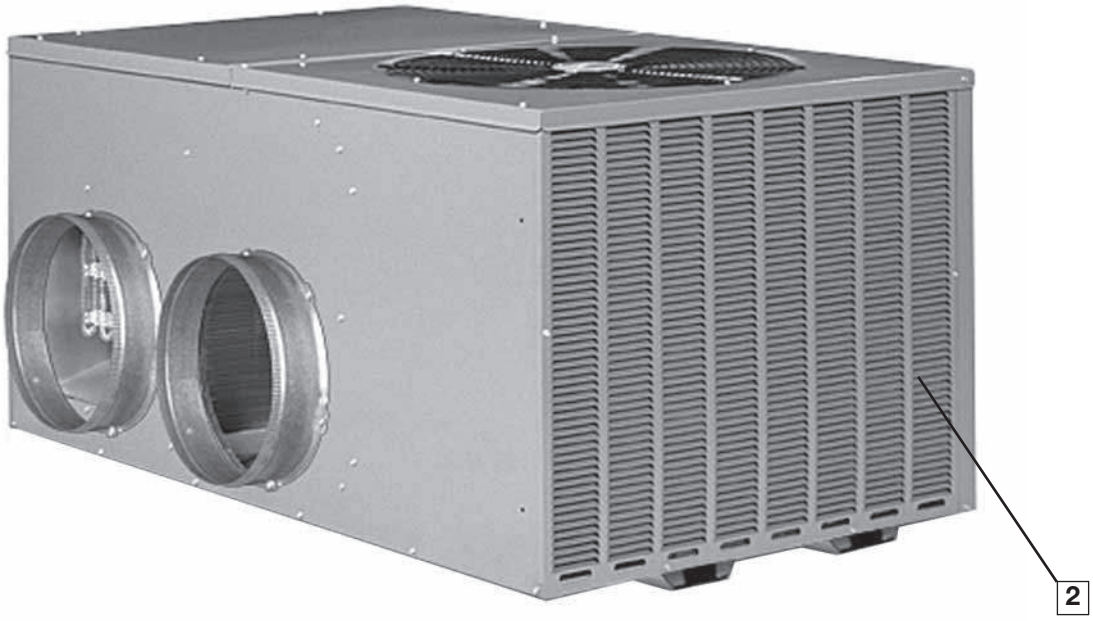


The SSNM series of Package Air Conditioners is designed to be the most efficient, quickest to install, easiest to service, and most reliable units in the industry - while still maintaining an affordable price. This platform provides you with a full line of nominal capacities from 2 through 5 tons. SSNM Models are 13 SEER.

As with all units offered by Rheem, we started our design process with input from the customer. From fan grille to the base rails, Rheem has combined 30 years worth of package unit design experience with input from Dealers to meet the latest application requirements.

Starting at the bottom, the base rails **(1)** allow for separation between the unit base and the ground level, protecting the base from ground moisture and providing air circulation around the unit. Constructed from sturdy 14-gauge G-90 sheet metal, the base rails also allow for easier maneuverability during installation.

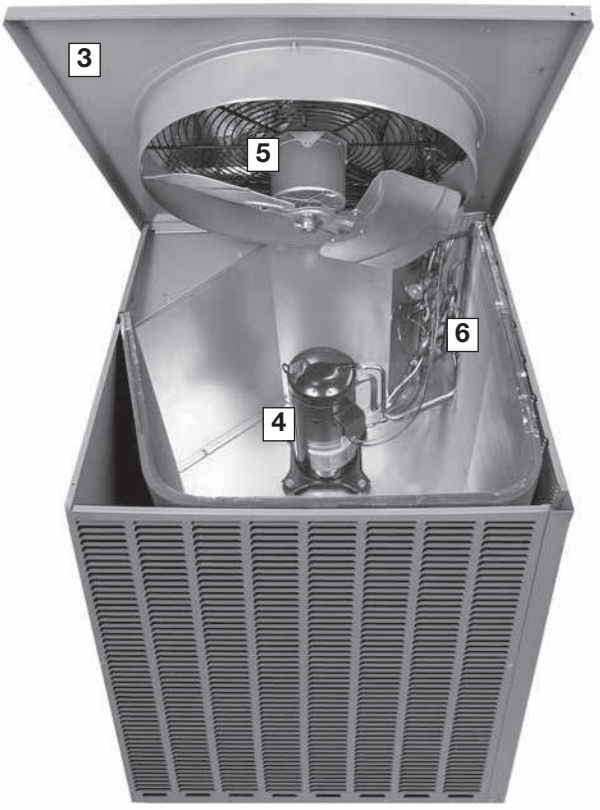


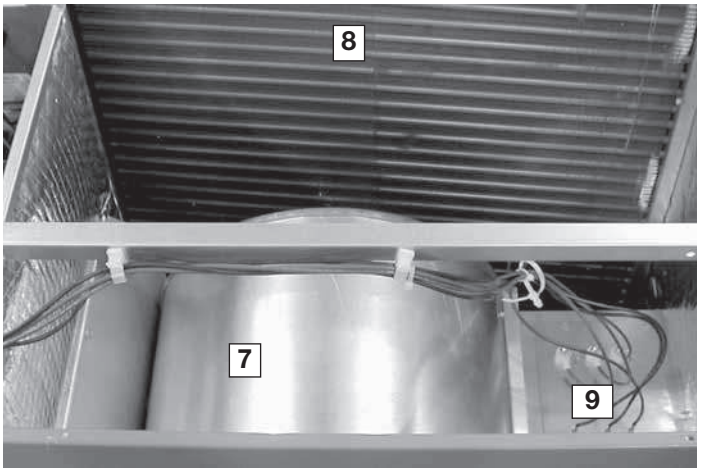


Rheem package equipment uses a pre paint system, rated at 1008 hour salt spray per ASTM B117. This process also greatly diminishes and dulls sharp edges, reducing the occurrence of cuts and torn clothes.

To provide flexibility in space-limited installations, the unit can be installed flush to the structure without blocking airflow over the outdoor coil or making any screws inaccessible for maintenance. Furthermore, the cabinet is a slim 33" wide. Full-louver coil protection **(2)** makes Rheem unique in the industry and also totally protects the outdoor coil from vandalism and weather extremes.

Keeping service technicians in mind, Rheem takes pride providing easy access to internal components. The outdoor-section top cover **(3)** is easily removed to allow access to the scroll compressor **(4)**, outdoor fan motor **(5)**, and refrigerant tubing **(6)**.

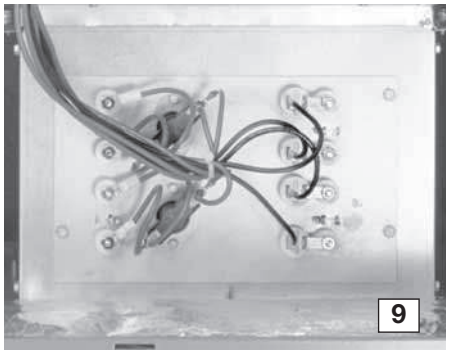




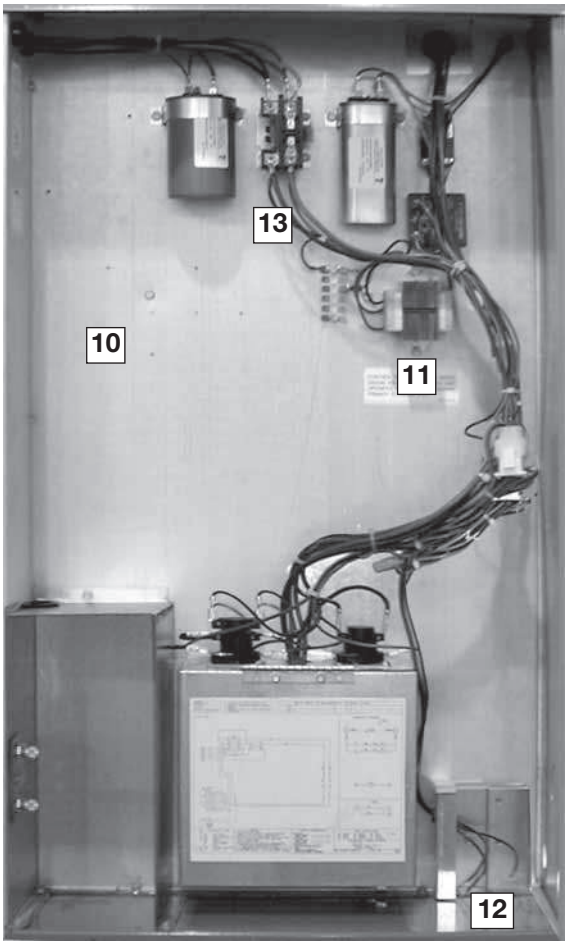
The indoor-section top cover also easily opens to access the removable blower housing and motor **(7)**. This also gains total access to the indoor coil for cleaning and service **(8)**.

The indoor motor and blower system will achieve nominal 400 CFM per ton up to a minimum of .8 inches of static pressure, which helps to eliminate customer dissatisfaction over poor air-flow brought about by high-static duct designs.

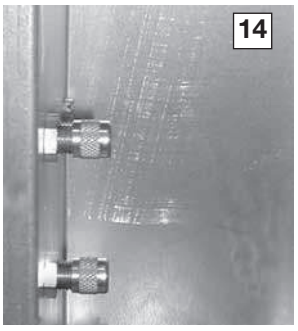
Optional electric heat **(9)** can be specified as factory installed, or can be easily installed in the field, with either dual- or single-point power connections.



The controls are located in a large, easy-to-access control box **(10)**, which provides plenty of space in which to troubleshoot. The transformer **(11)** is protected by an in-line fuse, which protects the transformer during a low-voltage electrical short. The low-voltage **(12)** and high-voltage **(13)** wiring connections are easily accessed and have ample room around which to maneuver. Troubleshooting is further aided with number- and color-coded wiring, which corresponds with the large, easy-to-read wiring diagram located on the inside of the control box access panel.



High and low refrigerant pressure can easily and accurately be measured using the two gauge ports **(14)** located inside the control box.

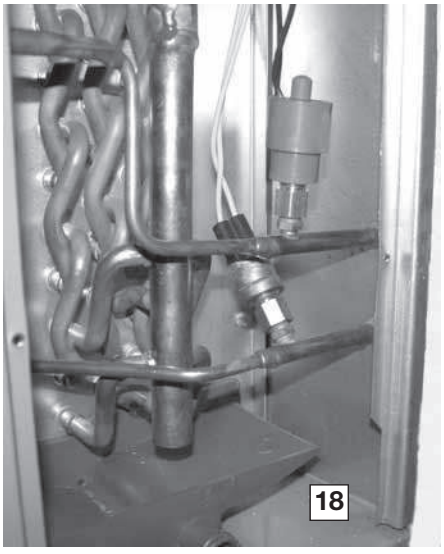


A small side panel grants access to a removable, sloped drain pan **(15)**, which helps to ensure indoor air quality (IAQ) throughout the life of the unit. A 3/4" drain trap **(16)** assembly is provided for convenience.

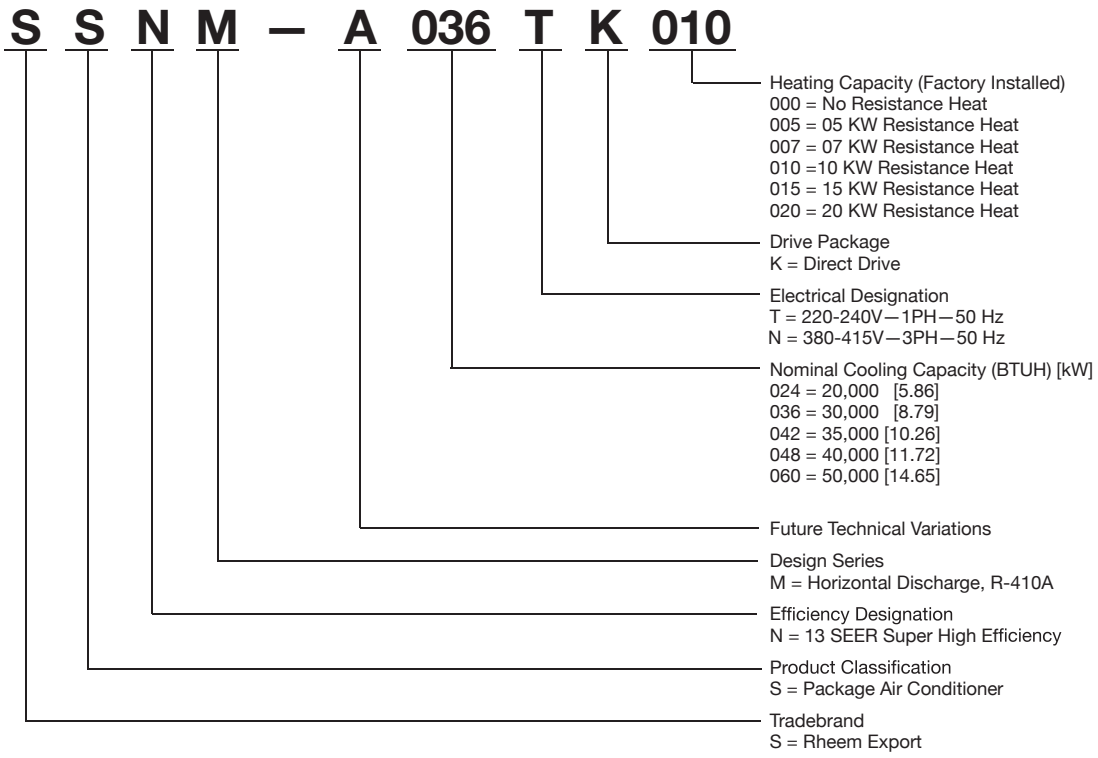
Foil-faced insulation is securely glued and captured to the cabinet. On the base of the unit, closed-cell insulation is used to prevent moisture from being absorbed and help reduce mold content to provide better indoor air quality.

For reliability and long-lasting operation, Rheem uses 100% scroll compressor technology **(17)** on all package platforms. With over 18 years of history, the scroll compressor has proven to be reliable, efficient, and quiet during operation.

High and low pressure controls are provided from factory **(18).**



NOMENCLATURE



[ ] Designates Metric Conversions

Models Available
SSNM-A024TK000
SSNM-A036TK000
SSNM-A042NK000
SSNM-A048NK000
SSNM-A048TK000
SSNM-A060NK000

NOMINAL SIZES 2-5 TON [7-17.6 kW]

Model SSNM- Series	A024TK	A036TK	A042NK	A048NK
Cooling Performance[1]				CONTINUED →
Gross Cooling Capacity Btu [kW]	22,000 [6.45]	32, 400 [9.49]	37,600 [11.02]	42,000 [12.31]
EER/SEER[2]	11.3/13	11.3/13	11.1/13	11.3/13
Rated CFM [L/s]	665 [314]	1000 [472]	1165 [550]	1290 [609]
Net Cooling Capacity Btu [kW]	21,000 [6.15]	31,000 [9.08]	36,000 [10.55]	40,000 [11.72]
Net Sensible Capacity Btu [kW]	16, 200 [4.75]	23,800 [6.97]	27,400 [8.03]	30,900 [9.05]
Net Latent Capacity Btu [kW]	4,800 [1.41]	7,200 [2.11]	8,600 [2.52]	9,100 [2.67]
Net System Power kW	1.86	2.74	3.24	3.54
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)[3]	76	76	76	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]	10.44 [0.97]	12.65 [1.18]	12.65 [1.18]	16.54 [1.54]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
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]	4.33 [0.4]	4.33 [0.4]	5.78 [0.54]	5.78 [0.54]
Rows / FPI [FPcm]	2 / 15 [6]	2 / 15 [6]	3 / 13 [5]	3 / 13 [5]
Refrigerant Control	TX Valve	TX Valve	TX Valve	TX Valve
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]	2835 [1338]	2835 [1338]	2835 [1338]	3500 [1652]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	729	729	729	895
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/11x9 [279x229]	1/11x9 [279x229]
Drive Type/No. Speeds	Direct/2	Direct/2	Direct/2	Direct/2
No. Motors	1	1	1	1
Motor HP	1/4	1/2	1/2	3/4
Motor RPM (Nominal)	895	895	895	1075
Motor Frame Size	48	48	48	48
Filter—Type	Permanent	Permanent	Permanent	Permanent
Furnished	Yes	Yes	Yes	Yes
(No.) Size Recommended in. [mm x mm x mm]	(1)1x25x23 [25x635x584]	(1)1x25x23 [25x635x584]	(1)1x25x23 [25x635x584]	(2)1x25x16 [25x635x406]
Refrigerant Charge Oz. [g]	70 [1984]	78 [2211]	86 [2438]	114 [3232]
Weights				
Net Weight lbs. [kg]	327 [148]	350 [159]	365 [166]	411 [186]
Ship Weight lbs. [kg]	351 [159]	374 [170]	389 [176]	437 [198]

See Page 10 for Notes.

[ ] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7-17.6 kW]

Model SSNM- Series	A048TK	A060NK
Cooling Performance[1]		
Gross Cooling Capacity Btu [kW]	42,000 [12.31]	55,000 [16.11]
EER/SEER[2]	11.3/13	11.3/13
Rated CFM [L/s]	1290 [609]	15.85 [748]
Net Cooling Capacity Btu [kW]	40,000 [11.72]	52,000 [15.24]
Net Sensible Capacity Btu [kW]	30,900 [9.05]	39,000 [11.43]
Net Latent Capacity Btu [kW]	9,100 [2.67]	13,000 [3.81]
Net System Power kW	3.54	4.6
Compressor		
No./Type	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)[3]	78	78
Outdoor Coil—Fin Type	Louvered	Louvered
Tube Type	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.54 [1.54]	16.54 [1.54]
Rows / FPI [FPcm]	1 / 22 [9]	2 / 22 [9]
Indoor Coil—Fin Type	Louvered	Louvered
Tube Type	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.78 [0.54]	5.78 [0.54]
Rows / FPI [FPcm]	3 / 13 [5]	4 / 13 [5]
Refrigerant Control	TX Valve	TX Valve
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1
CFM [L/s]	3500 [1652]	3330 [1571]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	895	895
Indoor Fan—Type	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/11x9 [279x229]	1/11x9 [279x229]
Drive Type/No. Speeds	Direct/2	Direct/2
No. Motors	1	1
Motor HP	3/4	3/4
Motor RPM (Nominal)	895	895
Motor Frame Size	48	48
Filter—Type	Permanent	Permanent
Furnished	Yes	Yes
(No.) Size Recommended in. [mm x mm x mm]	(2)1x25x16 [25x635x406]	(2)1x25x16 [25x635x406]
Refrigerant Charge Oz. [g]	114 [3232]	178 [5046]
Weights		
Net Weight lbs. [kg]	411 [186]	468 [212]
Ship Weight lbs. [kg]	437 [198]	494 [224]

See Page 10 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.
2. EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
3. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.

GROSS SYSTEMS PERFORMANCE DATA—SSNM-A024T

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]			61°F [16.1°C]			59°F [15.0°C]		
CFM [L/s]			880 [415]	800 [378]	680 [321]	880 [415]	800 [378]	680 [321]	880 [415]	800 [378]	680 [321]	880 [415]	800 [378]	680 [321]	880 [415]	800 [378]	680 [321]
DR ①			0.18	0.16	0.12	0.18	0.16	0.12	0.18	0.16	0.12	0.18	0.16	0.12	0.18	0.16	0.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	25.4 [7.4]	24.9 [7.3]	24.3 [7.1]	24.3 [7.1]	23.8 [7.0]	23.2 [6.8]	23.3 [6.8]	22.8 [6.7]	22.2 [6.5]	22.8 [6.7]	22.4 [6.6]	21.8 [6.4]	22.4 [6.6]	22.0 [6.5]	21.4 [6.3]
		Sens BTUH [kW]	15.7 [4.6]	15.0 [4.4]	14.0 [4.1]	18.6 [5.5]	17.8 [5.2]	16.6 [4.9]	21.1 [6.2]	20.1 [5.9]	18.7 [5.5]	22.0 [6.5]	21.0 [6.2]	19.6 [5.7]	22.4 [6.6]	21.7 [6.4]	20.2 [5.9]
		Power	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	80 [26.7]	Total BTUH [kW]	24.9 [7.3]	24.4 [7.2]	23.8 [7.0]	23.7 [7.0]	23.3 [6.8]	22.7 [6.6]	22.7 [6.7]	22.3 [6.5]	21.7 [6.4]	22.3 [6.5]	21.9 [6.4]	21.3 [6.2]	21.9 [6.4]	21.5 [6.3]	20.9 [6.1]
		Sens BTUH [kW]	15.5 [4.5]	14.8 [4.3]	13.8 [4.0]	18.4 [5.4]	17.6 [5.2]	16.4 [4.8]	20.9 [6.1]	19.9 [5.8]	18.5 [5.4]	21.8 [6.4]	20.8 [6.1]	19.4 [5.7]	21.9 [6.4]	21.5 [6.3]	20.0 [5.9]
		Power	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.3
	85 [29.4]	Total BTUH [kW]	24.3 [7.1]	23.9 [7.0]	23.3 [6.8]	23.2 [6.8]	22.8 [6.7]	22.2 [6.5]	22.2 [6.5]	21.8 [6.4]	21.2 [6.2]	21.8 [6.4]	21.4 [6.3]	20.8 [6.1]	21.4 [6.3]	21.0 [6.2]	20.4 [6.0]
		Sens BTUH [kW]	15.3 [4.5]	14.6 [4.3]	13.6 [4.0]	18.2 [5.3]	17.4 [5.1]	16.2 [4.7]	20.6 [6.0]	19.7 [5.8]	18.3 [5.4]	21.6 [6.3]	20.6 [6.0]	19.2 [5.6]	21.4 [6.3]	21.0 [6.2]	19.8 [5.8]
		Power	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4
	90 [32.2]	Total BTUH [kW]	23.8 [7.0]	23.4 [6.9]	22.7 [6.7]	22.7 [6.6]	22.3 [6.5]	21.7 [6.3]	21.7 [6.3]	21.3 [6.2]	20.7 [6.1]	21.2 [6.2]	20.8 [6.1]	20.3 [5.9]	20.9 [6.1]	20.5 [6.0]	19.9 [5.8]
		Sens BTUH [kW]	15.0 [4.4]	14.4 [4.2]	13.4 [3.9]	18.0 [5.3]	17.2 [5.0]	16.0 [4.7]	20.4 [6.0]	19.5 [5.7]	18.1 [5.3]	21.2 [6.2]	20.4 [6.0]	19.0 [5.6]	20.9 [6.1]	20.5 [6.0]	19.6 [5.7]
		Power	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	95 [35]	Total BTUH [kW]	23.3 [6.8]	22.8 [6.7]	22.2 [6.5]	22.1 [6.5]	21.7 [6.4]	21.1 [6.2]	21.1 [6.2]	20.7 [6.1]	20.2 [5.9]	20.7 [6.1]	20.3 [6.0]	19.8 [5.8]	20.3 [5.9]	19.9 [5.8]	19.4 [5.7]
		Sens BTUH [kW]	14.8 [4.3]	14.1 [4.1]	13.2 [3.9]	17.7 [5.2]	16.9 [5.0]	15.7 [4.6]	20.2 [5.9]	19.3 [5.6]	17.9 [5.2]	20.7 [6.1]	20.2 [5.9]	18.8 [5.5]	20.3 [5.9]	19.9 [5.8]	19.4 [5.7]
		Power	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	100 [37.8]	Total BTUH [kW]	22.7 [6.7]	22.3 [6.5]	21.7 [6.4]	21.6 [6.3]	21.2 [6.2]	20.6 [6.0]	20.6 [6.0]	20.2 [5.9]	19.6 [5.8]	20.1 [5.9]	19.8 [5.8]	19.2 [5.6]	19.7 [5.8]	19.4 [5.7]	18.9 [5.5]
		Sens BTUH [kW]	14.6 [4.3]	13.9 [4.1]	12.9 [3.8]	17.5 [5.1]	16.7 [4.9]	15.5 [4.6]	19.9 [5.8]	19.0 [5.6]	17.7 [5.2]	20.1 [5.9]	19.8 [5.8]	18.5 [5.4]	19.7 [5.8]	19.4 [5.7]	18.9 [5.5]
		Power	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	105 [40.6]	Total BTUH [kW]	22.1 [6.5]	21.7 [6.4]	21.1 [6.2]	21.0 [6.2]	20.6 [6.0]	20.1 [5.9]	20.0 [5.9]	19.6 [5.8]	19.1 [5.6]	19.5 [5.7]	19.2 [5.6]	18.7 [5.5]	19.2 [5.6]	18.8 [5.5]	18.3 [5.4]
		Sens BTUH [kW]	14.3 [4.2]	13.7 [4.0]	12.7 [3.7]	17.2 [5.0]	16.5 [4.8]	15.3 [4.5]	19.7 [5.8]	18.8 [5.5]	17.5 [5.1]	19.5 [5.7]	19.2 [5.6]	18.3 [5.4]	19.2 [5.6]	18.8 [5.5]	18.3 [5.4]
		Power	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	110 [43.3]	Total BTUH [kW]	21.5 [6.3]	21.2 [6.2]	20.6 [6.0]	20.4 [6.0]	20.1 [5.9]	19.5 [5.7]	19.4 [5.7]	19.1 [5.6]	18.5 [5.4]	19.0 [5.6]	18.6 [5.5]	18.1 [5.3]	18.6 [5.4]	18.3 [5.3]	17.8 [5.2]
		Sens BTUH [kW]	14.0 [4.1]	13.4 [3.9]	12.5 [3.7]	17.0 [5.0]	16.2 [4.7]	15.1 [4.4]	19.4 [5.7]	18.5 [5.4]	17.2 [5.0]	19.0 [5.6]	18.6 [5.5]	18.1 [5.3]	18.6 [5.4]	18.3 [5.3]	17.8 [5.2]
		Power	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	115 [46.1]	Total BTUH [kW]	21.0 [6.1]	20.6 [6.0]	20.0 [5.9]	19.8 [5.8]	19.5 [5.7]	18.9 [5.6]	18.8 [5.5]	18.5 [5.4]	18.0 [5.3]	18.4 [5.4]	18.0 [5.3]	17.6 [5.1]	18.0 [5.3]	17.7 [5.2]	17.2 [5.0]
		Sens BTUH [kW]	13.8 [4.0]	13.1 [3.9]	12.2 [3.6]	16.7 [4.9]	15.9 [4.7]	14.8 [4.3]	18.8 [5.5]	18.3 [5.4]	17.0 [5.0]	18.4 [5.4]	18.0 [5.3]	17.6 [5.1]	18.0 [5.3]	17.7 [5.2]	17.2 [5.0]
		Power	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	120 [48.9]	Total BTUH [kW]	20.4 [6.0]	20.0 [5.9]	19.4 [5.7]	19.2 [5.6]	18.9 [5.5]	18.4 [5.4]	18.2 [5.3]	17.9 [5.2]	17.4 [5.1]	17.8 [5.2]	17.5 [5.1]	17.0 [5.0]	17.4 [5.1]	17.1 [5.0]	16.6 [4.9]
		Sens BTUH [kW]	13.5 [4.0]	12.9 [3.8]	12.0 [3.5]	16.4 [4.8]	15.7 [4.6]	14.6 [4.3]	18.2 [5.3]	17.9 [5.2]	16.7 [4.9]	17.8 [5.2]	17.5 [5.1]	17.0 [5.0]	17.4 [5.1]	17.1 [5.0]	16.6 [4.9]
		Power	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	125 [51.7]	Total BTUH [kW]	19.7 [5.8]	19.4 [5.7]	18.9 [5.5]	18.6 [5.5]	18.3 [5.4]	17.8 [5.2]	17.6 [5.2]	17.3 [5.1]	16.8 [4.9]	17.2 [5.0]	16.9 [4.9]	16.4 [4.8]	16.8 [4.9]	16.5 [4.8]	16.0 [4.7]
		Sens BTUH [kW]	13.2 [3.9]	12.6 [3.7]	11.7 [3.4]	16.1 [4.7]	15.4 [4.5]	14.3 [4.2]	17.6 [5.2]	17.3 [5.1]	16.5 [4.8]	17.2 [5.0]	16.9 [4.9]	16.4 [4.8]	16.8 [4.9]	16.5 [4.8]	16.0 [4.7]
		Power	2.3	2.3	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2

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 —Cond. 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—SSNM-A036T

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]			61°F [16.1°C]			59°F [15.0°C]		
CFM [L/s]			1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]
DR ①			0.04	0.02	-0.02	0.04	0.02	-0.02	0.04	0.02	-0.02	0.04	0.02	-0.02	0.04	0.02	-0.02
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	39.0 [11.4]	38.3 [11.2]	37.3 [10.9]	35.8 [10.5]	35.2 [10.3]	34.2 [10.0]	33.8 [9.9]	33.2 [9.7]	32.3 [9.5]	33.4 [9.8]	32.8 [9.6]	31.9 [9.3]	33.5 [9.8]	32.9 [9.6]	32.0 [9.4]
		Sens BTUH [kW]	24.6 [7.2]	23.5 [6.9]	21.9 [6.4]	27.5 [8.1]	26.3 [7.7]	24.4 [7.2]	30.7 [9.0]	29.4 [8.6]	27.3 [8.0]	32.5 [9.5]	31.1 [9.1]	28.9 [8.5]	33.5 [9.8]	32.9 [9.6]	30.6 [9.0]
		Power	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.8
	80 [26.7]	Total BTUH [kW]	38.3 [11.2]	37.6 [11.0]	36.6 [10.7]	35.1 [10.3]	34.5 [10.1]	33.5 [9.8]	33.1 [9.7]	32.5 [9.5]	31.6 [9.3]	32.7 [9.6]	32.1 [9.4]	31.2 [9.1]	32.8 [9.6]	32.2 [9.4]	31.3 [9.2]
		Sens BTUH [kW]	24.3 [7.1]	23.2 [6.8]	21.6 [6.3]	27.2 [8.0]	26.0 [7.6]	24.2 [7.1]	30.4 [8.9]	29.1 [8.5]	27.0 [7.9]	32.2 [9.4]	30.8 [9.0]	28.6 [8.4]	32.8 [9.6]	32.2 [9.4]	30.3 [8.9]
		Power	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
	85 [29.4]	Total BTUH [kW]	37.5 [11.0]	36.9 [10.8]	35.9 [10.5]	34.3 [10.1]	33.7 [9.9]	32.8 [9.6]	32.3 [9.5]	31.7 [9.3]	30.9 [9.0]	31.9 [9.4]	31.3 [9.2]	30.5 [8.9]	32.0 [9.4]	31.5 [9.2]	30.6 [9.0]
		Sens BTUH [kW]	24.0 [7.0]	22.9 [6.7]	21.3 [6.2]	26.8 [7.9]	25.7 [7.5]	23.9 [7.0]	30.1 [8.8]	28.7 [8.4]	26.7 [7.8]	31.9 [9.3]	30.4 [8.9]	28.3 [8.3]	32.0 [9.4]	31.5 [9.2]	30.0 [8.8]
		Power	2.2	2.2	2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	90 [32.2]	Total BTUH [kW]	36.7 [10.8]	36.1 [10.6]	35.1 [10.3]	33.5 [9.8]	33.0 [9.7]	32.1 [9.4]	31.5 [9.2]	31.0 [9.1]	30.1 [8.8]	31.1 [9.1]	30.6 [9.0]	29.7 [8.7]	31.2 [9.2]	30.7 [9.0]	29.8 [8.7]
		Sens BTUH [kW]	23.6 [6.9]	22.6 [6.6]	21.0 [6.2]	26.5 [7.8]	25.3 [7.4]	23.5 [6.9]	29.7 [8.7]	28.4 [8.3]	26.4 [7.7]	31.1 [9.1]	30.1 [8.8]	28.0 [8.2]	31.2 [9.2]	30.7 [9.0]	29.7 [8.7]
		Power	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.2	2.3	2.2	2.2	2.2	2.2	2.2
	95 [35]	Total BTUH [kW]	35.9 [10.5]	35.3 [10.3]	34.3 [10.1]	32.7 [9.6]	32.1 [9.4]	31.3 [9.2]	30.7 [9.0]	30.1 [8.8]	29.3 [8.6]	30.3 [8.9]	29.7 [8.7]	28.9 [8.5]	30.4 [8.9]	29.9 [8.7]	29.0 [8.5]
		Sens BTUH [kW]	23.2 [6.8]	22.2 [6.5]	20.7 [6.1]	26.1 [7.6]	24.9 [7.3]	23.2 [6.8]	29.3 [8.6]	28.0 [8.2]	26.1 [7.6]	30.3 [8.9]	29.7 [8.7]	27.6 [8.1]	30.4 [8.9]	29.9 [8.7]	29.0 [8.5]
		Power	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.3
	100 [37.8]	Total BTUH [kW]	35.0 [10.3]	34.4 [10.1]	33.5 [9.8]	31.8 [9.3]	31.3 [9.2]	30.4 [8.9]	29.8 [8.7]	29.3 [8.6]	28.5 [8.3]	29.4 [8.6]	28.9 [8.5]	28.1 [8.2]	29.5 [8.7]	29.0 [8.5]	28.2 [8.3]
		Sens BTUH [kW]	22.8 [6.7]	21.8 [6.4]	20.3 [5.9]	25.7 [7.5]	24.5 [7.2]	22.8 [6.7]	28.9 [8.5]	27.6 [8.1]	25.7 [7.5]	29.4 [8.6]	28.9 [8.5]	27.3 [8.0]	29.5 [8.7]	29.0 [8.5]	28.2 [8.3]
		Power	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	105 [40.6]	Total BTUH [kW]	34.1 [10.0]	33.5 [9.8]	32.6 [9.6]	30.9 [9.1]	30.4 [8.9]	29.6 [8.7]	28.9 [8.5]	28.4 [8.3]	27.6 [8.1]	28.5 [8.4]	28.0 [8.2]	27.2 [8.0]	28.6 [8.4]	28.1 [8.2]	27.3 [8.0]
		Sens BTUH [kW]	22.4 [6.6]	21.4 [6.3]	19.9 [5.8]	25.2 [7.4]	24.1 [7.1]	22.4 [6.6]	28.5 [8.3]	27.2 [8.0]	25.3 [7.4]	28.5 [8.4]	28.0 [8.2]	26.9 [7.9]	28.6 [8.4]	28.1 [8.2]	27.3 [8.0]
		Power	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.7	2.7	2.6
	110 [43.3]	Total BTUH [kW]	33.2 [9.7]	32.6 [9.6]	31.7 [9.3]	30.0 [8.8]	29.5 [8.6]	28.7 [8.4]	28.0 [8.2]	27.5 [8.1]	26.7 [7.8]	27.6 [8.1]	27.1 [7.9]	26.3 [7.7]	27.7 [8.1]	27.2 [8.0]	26.4 [7.7]
		Sens BTUH [kW]	21.9 [6.4]	20.9 [6.1]	19.5 [5.7]	24.8 [7.3]	23.7 [6.9]	22.0 [6.4]	28.0 [8.2]	26.7 [7.8]	24.9 [7.3]	27.6 [8.1]	27.1 [7.9]	26.3 [7.7]	27.7 [8.1]	27.2 [8.0]	26.4 [7.7]
		Power	2.9	2.9	2.9	2.9	2.9	2.8	2.9	2.9	2.8	2.9	2.8	2.8	2.9	2.8	2.8
	115 [46.1]	Total BTUH [kW]	32.2 [9.4]	31.6 [9.3]	30.8 [9.0]	29.0 [8.5]	28.5 [8.4]	27.7 [8.1]	27.0 [7.9]	26.5 [7.8]	25.8 [7.6]	26.6 [7.8]	26.1 [7.7]	25.4 [7.4]	26.7 [7.8]	26.2 [7.7]	25.5 [7.5]
		Sens BTUH [kW]	21.4 [6.3]	20.4 [6.0]	19.0 [5.6]	24.3 [7.1]	23.2 [6.8]	21.6 [6.3]	27.0 [7.9]	26.3 [7.7]	24.4 [7.2]	26.6 [7.8]	26.1 [7.7]	25.4 [7.4]	26.7 [7.8]	26.2 [7.7]	25.5 [7.5]
		Power	3.1	3.1	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	120 [48.9]	Total BTUH [kW]	31.2 [9.1]	30.6 [9.0]	29.8 [8.7]	28.0 [8.2]	27.5 [8.1]	26.8 [7.8]	26.0 [7.6]	25.5 [7.5]	24.8 [7.3]	25.6 [7.5]	25.1 [7.4]	24.4 [7.2]	25.7 [7.5]	25.2 [7.4]	24.5 [7.2]
		Sens BTUH [kW]	20.9 [6.1]	19.9 [5.8]	18.5 [5.4]	23.7 [7.0]	22.7 [6.6]	21.1 [6.2]	26.0 [7.6]	25.5 [7.5]	24.0 [7.0]	25.6 [7.5]	25.1 [7.4]	24.4 [7.2]	25.7 [7.5]	25.2 [7.4]	24.5 [7.2]
		Power	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.2	3.2	3.1
	125 [51.7]	Total BTUH [kW]	30.2 [8.8]	29.6 [8.7]	28.8 [8.4]	27.0 [7.9]	26.5 [7.8]	25.8 [7.5]	24.9 [7.3]	24.5 [7.2]	23.8 [7.0]	24.5 [7.2]	24.1 [7.1]	23.4 [6.9]	24.6 [7.2]	24.2 [7.1]	23.5 [6.9]
		Sens BTUH [kW]	20.3 [6.0]	19.4 [5.7]	18.1 [5.3]	23.2 [6.8]	22.1 [6.5]	20.6 [6.0]	24.9 [7.3]	24.5 [7.2]	23.5 [6.9]	24.5 [7.2]	24.1 [7.1]	23.4 [6.9]	24.6 [7.2]	24.2 [7.1]	23.5 [6.9]
		Power	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.4	3.3	3.4	3.4	3.3

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

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —Cond. 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—SSNM-A042N

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]			61°F [16.1°C]			59°F [15.0°C]		
CFM [L/s]			1280 [604]	1165 [550]	990 [467]	1280 [604]	1165 [550]	990 [467]	1280 [604]	1165 [550]	990 [467]	1280 [604]	1165 [550]	990 [467]	1280 [604]	1165 [550]	990 [467]
DR ①			0.06	0.04	0	0.06	0.04	0	0.06	0.04	0	0.06	0.04	0	0.06	0.04	0
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	43.6 [12.8]	42.9 [12.6]	41.7 [12.2]	41.8 [12.3]	41.1 [12.0]	40.0 [11.7]	40.3 [11.8]	39.6 [11.6]	38.5 [11.3]	39.7 [11.6]	39.0 [11.4]	37.9 [11.1]	39.2 [11.5]	38.5 [11.3]	37.4 [11.0]
		Sens BTUH [kW]	26.6 [7.8]	25.4 [7.4]	23.6 [6.9]	31.7 [9.3]	30.3 [8.9]	28.2 [8.3]	35.9 [10.5]	34.3 [10.1]	31.9 [9.3]	37.5 [11.0]	35.8 [10.5]	33.3 [9.8]	38.7 [11.3]	37.0 [10.8]	34.4 [10.1]
		Power	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.1	2.1
	80 [26.7]	Total BTUH [kW]	42.7 [12.5]	41.9 [12.3]	40.8 [12.0]	40.9 [12.0]	40.2 [11.8]	39.1 [11.4]	39.3 [11.5]	38.7 [11.3]	37.6 [11.0]	38.7 [11.3]	38.0 [11.1]	37.0 [10.8]	38.2 [11.2]	37.6 [11.0]	36.5 [10.7]
		Sens BTUH [kW]	26.2 [7.7]	25.0 [7.3]	23.3 [6.8]	31.3 [9.2]	29.9 [8.8]	27.8 [8.2]	35.5 [10.4]	33.9 [9.9]	31.6 [9.3]	37.1 [10.9]	35.5 [10.4]	33.0 [9.7]	38.2 [11.2]	36.6 [10.7]	34.0 [10.0]
		Power	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	85 [29.4]	Total BTUH [kW]	41.7 [12.2]	41.0 [12.0]	39.9 [11.7]	39.9 [11.7]	39.2 [11.5]	38.2 [11.2]	38.4 [11.3]	37.7 [11.1]	36.7 [10.8]	37.8 [11.1]	37.1 [10.9]	36.1 [10.6]	37.3 [10.9]	36.6 [10.7]	35.6 [10.4]
		Sens BTUH [kW]	25.8 [7.6]	24.7 [7.2]	22.9 [6.7]	30.9 [9.1]	29.5 [8.7]	27.5 [8.1]	35.1 [10.3]	33.6 [9.8]	31.2 [9.1]	36.7 [10.8]	35.1 [10.3]	32.6 [9.6]	37.3 [10.9]	36.2 [10.6]	33.7 [9.9]
		Power	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4
	90 [32.2]	Total BTUH [kW]	40.8 [12.0]	40.1 [11.7]	39.0 [11.4]	39.0 [11.4]	38.3 [11.2]	37.3 [10.9]	37.4 [11.0]	36.8 [10.8]	35.8 [10.5]	36.8 [10.8]	36.2 [10.6]	35.2 [10.3]	36.3 [10.6]	35.7 [10.5]	34.7 [10.2]
		Sens BTUH [kW]	25.4 [7.4]	24.3 [7.1]	22.6 [6.6]	30.5 [8.9]	29.2 [8.5]	27.1 [7.9]	34.7 [10.2]	33.2 [9.7]	30.9 [9.0]	36.3 [10.6]	34.7 [10.2]	32.3 [9.5]	36.3 [10.6]	35.7 [10.5]	33.3 [9.8]
		Power	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5
	95 [35]	Total BTUH [kW]	39.8 [11.7]	39.1 [11.5]	38.1 [11.2]	38.0 [11.1]	37.4 [10.9]	36.3 [10.7]	36.5 [10.7]	35.9 [10.5]	34.9 [10.2]	35.9 [10.5]	35.2 [10.3]	34.3 [10.0]	35.4 [10.4]	34.8 [10.2]	33.8 [9.9]
		Sens BTUH [kW]	25.0 [7.3]	23.9 [7.0]	22.2 [6.5]	30.1 [8.8]	28.8 [8.4]	26.7 [7.8]	34.3 [10.1]	32.8 [9.6]	30.5 [8.9]	35.9 [10.5]	34.3 [10.1]	31.9 [9.4]	35.4 [10.4]	34.8 [10.2]	33.0 [9.7]
		Power	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.7	2.8	2.7	2.7
	100 [37.8]	Total BTUH [kW]	38.9 [11.4]	38.2 [11.2]	37.2 [10.9]	37.1 [10.9]	36.4 [10.7]	35.4 [10.4]	35.5 [10.4]	34.9 [10.2]	34.0 [10.0]	34.9 [10.2]	34.3 [10.1]	33.4 [9.8]	34.4 [10.1]	33.8 [9.9]	32.9 [9.6]
		Sens BTUH [kW]	24.5 [7.2]	23.5 [6.9]	21.8 [6.4]	29.7 [8.7]	28.4 [8.3]	26.4 [7.7]	33.9 [9.9]	32.4 [9.5]	30.1 [8.8]	34.9 [10.2]	33.9 [9.9]	31.5 [9.2]	34.4 [10.1]	33.8 [9.9]	32.6 [9.5]
		Power	3.1	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8
	105 [40.6]	Total BTUH [kW]	37.9 [11.1]	37.3 [10.9]	36.2 [10.6]	36.1 [10.6]	35.5 [10.4]	34.5 [10.1]	34.6 [10.1]	34.0 [10.0]	33.0 [9.7]	34.0 [10.0]	33.4 [9.8]	32.4 [9.5]	33.5 [9.8]	32.9 [9.6]	32.0 [9.4]
		Sens BTUH [kW]	24.1 [7.1]	23.0 [6.8]	21.4 [6.3]	29.2 [8.6]	27.9 [8.2]	26.0 [7.6]	33.4 [9.8]	32.0 [9.4]	29.7 [8.7]	34.0 [10.0]	33.4 [9.8]	31.2 [9.1]	33.5 [9.8]	32.9 [9.6]	32.0 [9.4]
		Power	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.1	3.0	3.0
	110 [43.3]	Total BTUH [kW]	37.0 [10.8]	36.3 [10.6]	35.3 [10.3]	35.2 [10.3]	34.5 [10.1]	33.6 [9.8]	33.6 [9.8]	33.0 [9.7]	32.1 [9.4]	33.0 [9.7]	32.4 [9.5]	31.5 [9.2]	32.5 [9.5]	31.9 [9.4]	31.1 [9.1]
		Sens BTUH [kW]	23.7 [6.9]	22.6 [6.6]	21.0 [6.2]	28.8 [8.4]	27.5 [8.1]	25.6 [7.5]	33.0 [9.7]	31.5 [9.2]	29.3 [8.6]	33.0 [9.7]	32.4 [9.5]	30.8 [9.0]	32.5 [9.5]	31.9 [9.4]	31.1 [9.1]
		Power	3.4	3.4	3.3	3.4	3.3	3.3	3.3	3.3	3.2	3.3	3.2	3.2	3.2	3.2	3.2
	115 [46.1]	Total BTUH [kW]	36.0 [10.5]	35.4 [10.4]	34.4 [10.1]	34.2 [10.0]	33.6 [9.8]	32.7 [9.6]	32.6 [9.6]	32.1 [9.4]	31.2 [9.1]	32.0 [9.4]	31.5 [9.2]	30.6 [9.0]	31.5 [9.2]	31.0 [9.1]	30.1 [8.8]
		Sens BTUH [kW]	23.2 [6.8]	22.2 [6.5]	20.6 [6.0]	28.3 [8.3]	27.1 [7.9]	25.2 [7.4]	32.5 [9.5]	31.1 [9.1]	28.9 [8.5]	32.0 [9.4]	31.5 [9.2]	30.3 [8.9]	31.5 [9.2]	31.0 [9.1]	30.1 [8.8]
		Power	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3
	120 [48.9]	Total BTUH [kW]	35.0 [10.3]	34.4 [10.1]	33.5 [9.8]	33.2 [9.7]	32.6 [9.6]	31.7 [9.3]	31.7 [9.3]	31.1 [9.1]	30.3 [8.9]	31.0 [9.1]	30.5 [8.9]	29.7 [8.7]	30.6 [9.0]	30.0 [8.8]	29.2 [8.6]
		Sens BTUH [kW]	22.7 [6.7]	21.7 [6.4]	20.2 [5.9]	27.9 [8.2]	26.6 [7.8]	24.8 [7.3]	31.7 [9.3]	30.6 [9.0]	28.5 [8.4]	31.0 [9.1]	30.5 [8.9]	29.7 [8.7]	30.6 [9.0]	30.0 [8.8]	29.2 [8.6]
		Power	3.8	3.7	3.7	3.7	3.7	3.6	3.7	3.6	3.6	3.6	3.6	3.5	3.6	3.6	3.5
	125 [51.7]	Total BTUH [kW]	34.0 [10.0]	33.4 [9.8]	32.5 [9.5]	32.2 [9.4]	31.7 [9.3]	30.8 [9.0]	30.7 [9.0]	30.2 [8.8]	29.3 [8.6]	30.1 [8.8]	29.5 [8.7]	28.7 [8.4]	29.6 [8.7]	29.1 [8.5]	28.3 [8.3]
		Sens BTUH [kW]	22.3 [6.5]	21.3 [6.2]	19.8 [5.8]	27.4 [8.0]	26.2 [7.7]	24.3 [7.1]	30.7 [9.0]	30.2 [8.8]	28.1 [8.2]	30.1 [8.8]	29.5 [8.7]	28.7 [8.4]	29.6 [8.7]	29.1 [8.5]	28.3 [8.3]
		Power	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.8	3.7

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

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —Cond. 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—SSNM-A048T

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]			61°F [16.1°C]			59°F [15.0°C]		
CFM [L/s]			1420 [670]	1333 [629]	1100 [519]	1420 [670]	1333 [629]	1100 [519]	1420 [670]	1333 [629]	1100 [519]	1420 [670]	1333 [629]	1100 [519]	1420 [670]	1333 [629]	1100 [519]
DR ①			0.05	0.04	-0.01	0.05	0.04	-0.01	0.05	0.04	-0.01	0.05	0.04	-0.01	0.05	0.04	-0.01
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	48.1 [14.1]	47.5 [13.9]	46.0 [13.5]	46.2 [13.5]	45.7 [13.4]	44.2 [13.0]	44.5 [13.0]	44.0 [12.9]	42.6 [12.5]	43.7 [12.8]	43.2 [12.7]	41.9 [12.3]	43.1 [12.6]	42.6 [12.5]	41.2 [12.1]
		Sens BTUH [kW]	29.3 [8.6]	28.5 [8.3]	26.1 [7.7]	35.2 [10.3]	34.2 [10.0]	31.4 [9.2]	39.8 [11.7]	38.6 [11.3]	35.5 [10.4]	41.4 [12.1]	40.2 [11.8]	36.9 [10.8]	42.4 [12.4]	41.2 [12.1]	37.8 [11.1]
		Power	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	80 [26.7]	Total BTUH [kW]	47.1 [13.8]	46.5 [13.6]	45.1 [13.2]	45.2 [13.2]	44.7 [13.1]	43.3 [12.7]	43.5 [12.7]	43.0 [12.6]	41.6 [12.2]	42.7 [12.5]	42.2 [12.4]	40.9 [12.0]	42.1 [12.3]	41.6 [12.2]	40.2 [11.8]
		Sens BTUH [kW]	28.9 [8.5]	28.1 [8.2]	25.8 [7.6]	34.8 [10.2]	33.8 [9.9]	31.0 [9.1]	39.4 [11.6]	38.3 [11.2]	35.1 [10.3]	41.0 [12.0]	39.8 [11.7]	36.6 [10.7]	42.0 [12.3]	40.8 [12.0]	37.5 [11.0]
		Power	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	85 [29.4]	Total BTUH [kW]	46.1 [13.5]	45.5 [13.3]	44.1 [12.9]	44.2 [13.0]	43.7 [12.8]	42.3 [12.4]	42.5 [12.4]	42.0 [12.3]	40.7 [11.9]	41.7 [12.2]	41.2 [12.1]	39.9 [11.7]	41.0 [12.0]	40.6 [11.9]	39.3 [11.5]
		Sens BTUH [kW]	28.5 [8.4]	27.7 [8.1]	25.4 [7.4]	34.4 [10.1]	33.4 [9.8]	30.7 [9.0]	39.0 [11.4]	37.9 [11.1]	34.8 [10.2]	40.6 [11.9]	39.4 [11.6]	36.2 [10.6]	41.0 [12.0]	40.4 [11.8]	37.1 [10.9]
		Power	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.6	2.5
	90 [32.2]	Total BTUH [kW]	45.0 [13.2]	44.5 [13.0]	43.1 [12.6]	43.2 [12.7]	42.7 [12.5]	41.3 [12.1]	41.5 [12.1]	41.0 [12.0]	39.7 [11.6]	40.7 [11.9]	40.2 [11.8]	38.9 [11.4]	40.0 [11.7]	39.5 [11.6]	38.3 [11.2]
		Sens BTUH [kW]	28.1 [8.2]	27.3 [8.0]	25.0 [7.3]	34.0 [10.0]	33.0 [9.7]	30.3 [8.9]	38.6 [11.3]	37.5 [11.0]	34.4 [10.1]	40.2 [11.8]	39.0 [11.4]	35.8 [10.5]	40.0 [11.7]	39.5 [11.6]	36.7 [10.8]
		Power	2.8	2.8	2.7	2.8	2.8	2.7	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
	95 [35]	Total BTUH [kW]	44.0 [12.9]	43.5 [12.7]	42.1 [12.3]	42.1 [12.3]	41.6 [12.2]	40.3 [11.8]	40.4 [11.8]	40.0 [11.7]	38.7 [11.3]	39.7 [11.6]	39.2 [11.5]	37.9 [11.1]	39.0 [11.4]	38.5 [11.3]	37.3 [10.9]
		Sens BTUH [kW]	27.6 [8.1]	26.8 [7.9]	24.6 [7.2]	33.5 [9.8]	32.5 [9.5]	29.9 [8.8]	38.1 [11.2]	37.0 [10.8]	34.0 [10.0]	39.7 [11.6]	38.6 [11.3]	35.4 [10.4]	39.0 [11.4]	38.5 [11.3]	36.3 [10.6]
		Power	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.9	2.9	2.8
	100 [37.8]	Total BTUH [kW]	43.0 [12.6]	42.5 [12.4]	41.1 [12.0]	41.1 [12.0]	40.6 [11.9]	39.3 [11.5]	39.4 [11.5]	38.9 [11.4]	37.7 [11.0]	38.6 [11.3]	38.2 [11.2]	37.0 [10.8]	37.9 [11.1]	37.5 [11.0]	36.3 [10.6]
		Sens BTUH [kW]	27.2 [8.0]	26.4 [7.7]	24.2 [7.1]	33.1 [9.7]	32.1 [9.4]	29.5 [8.6]	37.7 [11.0]	36.6 [10.7]	33.6 [9.8]	38.6 [11.3]	38.1 [11.2]	35.0 [10.3]	37.9 [11.1]	37.5 [11.0]	35.9 [10.5]
		Power	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.1	3.1	3.0	3.1	3.1	3.0
	105 [40.6]	Total BTUH [kW]	41.9 [12.3]	41.4 [12.1]	40.1 [11.8]	40.0 [11.7]	39.6 [11.6]	38.3 [11.2]	38.3 [11.2]	37.9 [11.1]	36.7 [10.7]	37.6 [11.0]	37.1 [10.9]	35.9 [10.5]	36.9 [10.8]	36.4 [10.7]	35.3 [10.3]
		Sens BTUH [kW]	26.7 [7.8]	25.9 [7.6]	23.8 [7.0]	32.6 [9.6]	31.6 [9.3]	29.0 [8.5]	37.2 [10.9]	36.1 [10.6]	33.2 [9.7]	37.6 [11.0]	37.1 [10.9]	34.6 [10.1]	36.9 [10.8]	36.4 [10.7]	35.3 [10.3]
		Power	3.3	3.3	3.3	3.3	3.3	3.2	3.3	3.3	3.2	3.3	3.2	3.2	3.3	3.2	3.2
	110 [43.3]	Total BTUH [kW]	40.9 [12.0]	40.4 [11.8]	39.1 [11.5]	39.0 [11.4]	38.5 [11.3]	37.3 [10.9]	37.3 [10.9]	36.8 [10.8]	35.7 [10.4]	36.5 [10.7]	36.1 [10.6]	34.9 [10.2]	35.8 [10.5]	35.4 [10.4]	34.3 [10.0]
		Sens BTUH [kW]	26.2 [7.7]	25.4 [7.4]	23.3 [6.8]	32.1 [9.4]	31.1 [9.1]	28.6 [8.4]	36.7 [10.8]	35.6 [10.4]	32.7 [9.6]	36.5 [10.7]	36.1 [10.6]	34.1 [10.0]	35.8 [10.5]	35.4 [10.4]	34.3 [10.0]
		Power	3.5	3.5	3.4	3.5	3.5	3.4	3.5	3.5	3.4	3.5	3.4	3.4	3.5	3.4	3.4
	115 [46.1]	Total BTUH [kW]	39.8 [11.7]	39.3 [11.5]	38.1 [11.2]	37.9 [11.1]	37.5 [11.0]	36.3 [10.6]	36.2 [10.6]	35.8 [10.5]	34.6 [10.1]	35.4 [10.4]	35.0 [10.3]	33.9 [9.9]	34.7 [10.2]	34.3 [10.1]	33.2 [9.7]
		Sens BTUH [kW]	25.7 [7.5]	24.9 [7.3]	22.9 [6.7]	31.6 [9.3]	30.6 [9.0]	28.1 [8.2]	36.2 [10.6]	35.1 [10.3]	32.2 [9.5]	35.4 [10.4]	35.0 [10.3]	33.7 [9.9]	34.7 [10.2]	34.3 [10.1]	33.2 [9.7]
		Power	3.7	3.7	3.6	3.7	3.7	3.6	3.7	3.7	3.6	3.7	3.6	3.6	3.7	3.6	3.6
	120 [48.9]	Total BTUH [kW]	38.7 [11.3]	38.2 [11.2]	37.0 [10.8]	36.8 [10.8]	36.4 [10.7]	35.2 [10.3]	35.1 [10.3]	34.7 [10.2]	33.6 [9.8]	34.3 [10.1]	33.9 [9.9]	32.9 [9.6]	33.7 [9.9]	33.3 [9.7]	32.2 [9.4]
		Sens BTUH [kW]	25.1 [7.4]	24.4 [7.1]	22.4 [6.6]	31.0 [9.1]	30.1 [8.8]	27.7 [8.1]	35.1 [10.3]	34.6 [10.1]	31.8 [9.3]	34.3 [10.1]	33.9 [9.9]	32.9 [9.6]	33.7 [9.9]	33.3 [9.7]	32.2 [9.4]
		Power	3.9	3.9	3.9	3.9	3.9	3.8	3.9	3.9	3.8	3.9	3.9	3.8	3.9	3.8	3.8
	125 [51.7]	Total BTUH [kW]	37.6 [11.0]	37.2 [10.9]	36.0 [10.5]	35.7 [10.5]	35.3 [10.3]	34.2 [10.0]	34.0 [10.0]	33.6 [9.9]	32.5 [9.5]	33.2 [9.7]	32.9 [9.6]	31.8 [9.3]	32.6 [9.5]	32.2 [9.4]	31.2 [9.1]
		Sens BTUH [kW]	24.6 [7.2]	23.9 [7.0]	21.9 [6.4]	30.5 [8.9]	29.6 [8.7]	27.2 [8.0]	34.0 [10.0]	33.6 [9.9]	31.3 [9.2]	33.2 [9.7]	32.9 [9.6]	31.8 [9.3]	32.6 [9.5]	32.2 [9.4]	31.2 [9.1]
		Power	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.1	4.1	4.0	4.1	4.1	4.0

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

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —Cond. 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—SSNM-A060N

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]			61°F [16.1°C]			59°F [15.0°C]		
CFM [L/s]			2430 [1147]	1666 [786]	1620 [765]	2430 [1147]	1666 [786]	1620 [765]	2430 [1147]	1666 [786]	1620 [765]	2430 [1147]	1666 [786]	1620 [765]	2430 [1147]	1666 [786]	1620 [765]
DR ①			0.12	0.04	0.04	0.12	0.04	0.04	0.12	0.04	0.04	0.12	0.04	0.04	0.12	0.04	0.04
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	68.7 [20.1]	63.4 [18.6]	63.1 [18.5]	64.7 [19.0]	59.7 [17.5]	59.4 [17.4]	61.9 [18.1]	57.1 [16.7]	56.8 [16.7]	61.1 [17.9]	56.4 [16.5]	56.1 [16.4]	60.9 [17.8]	56.2 [16.5]	55.9 [16.4]
		Sens BTUH [kW]	45.7 [13.4]	37.6 [11.0]	37.1 [10.9]	52.9 [15.5]	43.6 [12.8]	43.1 [12.6]	59.5 [17.4]	49.0 [14.4]	48.4 [14.2]	61.1 [17.9]	51.3 [15.0]	50.7 [14.8]	60.9 [17.8]	53.3 [15.6]	52.7 [15.4]
		Power	3.3	3.1	3.1	3.2	3.1	3.1	3.2	3.0	3.0	3.1	3.0	3.0	3.1	3.0	3.0
	80 [26.7]	Total BTUH [kW]	67.3 [19.7]	62.1 [18.2]	61.8 [18.1]	63.3 [18.5]	58.4 [17.1]	58.1 [17.0]	60.5 [17.7]	55.8 [16.4]	55.5 [16.3]	59.7 [17.5]	55.1 [16.1]	54.8 [16.1]	59.4 [17.4]	54.9 [16.1]	54.6 [16.0]
		Sens BTUH [kW]	45.0 [13.2]	37.1 [10.9]	36.6 [10.7]	52.3 [15.3]	43.1 [12.6]	42.5 [12.5]	58.9 [17.2]	48.5 [14.2]	47.9 [14.0]	59.7 [17.5]	50.8 [14.9]	50.2 [14.7]	59.4 [17.4]	52.8 [15.5]	52.2 [15.3]
		Power	3.4	3.3	3.3	3.4	3.3	3.3	3.3	3.2	3.2	3.3	3.2	3.2	3.3	3.2	3.2
	85 [29.4]	Total BTUH [kW]	65.8 [19.3]	60.8 [17.8]	60.5 [17.7]	61.9 [18.1]	57.1 [16.7]	56.8 [16.6]	59.0 [17.3]	54.5 [16.0]	54.2 [15.9]	58.3 [17.1]	53.8 [15.8]	53.5 [15.7]	58.0 [17.0]	53.5 [15.7]	53.3 [15.6]
		Sens BTUH [kW]	44.4 [13.0]	36.6 [10.7]	36.1 [10.6]	51.7 [15.1]	42.6 [12.5]	42.0 [12.3]	58.2 [17.1]	47.9 [14.1]	47.3 [13.9]	58.3 [17.1]	50.3 [14.7]	49.6 [14.5]	58.0 [17.0]	52.3 [15.3]	51.6 [15.1]
		Power	3.7	3.5	3.5	3.6	3.5	3.5	3.6	3.4	3.4	3.5	3.4	3.4	3.5	3.4	3.4
	90 [32.2]	Total BTUH [kW]	64.4 [18.9]	59.4 [17.4]	59.1 [17.3]	60.4 [17.7]	55.8 [16.3]	55.5 [16.3]	57.6 [16.9]	53.2 [15.6]	52.9 [15.5]	56.8 [16.6]	52.4 [15.4]	52.2 [15.3]	56.6 [16.6]	52.2 [15.3]	51.9 [15.2]
		Sens BTUH [kW]	43.7 [12.8]	36.0 [10.6]	35.5 [10.4]	51.0 [14.9]	42.0 [12.3]	41.5 [12.1]	57.5 [16.9]	47.4 [13.9]	46.8 [13.7]	56.8 [16.6]	49.7 [14.6]	49.1 [14.4]	56.6 [16.6]	51.7 [15.2]	51.1 [15.0]
		Power	3.9	3.7	3.7	3.8	3.7	3.7	3.8	3.6	3.6	3.7	3.6	3.6	3.7	3.6	3.6
	95 [35]	Total BTUH [kW]	62.9 [18.4]	58.1 [17.0]	57.8 [16.9]	59.0 [17.3]	54.4 [15.9]	54.1 [15.9]	56.1 [16.5]	51.8 [15.2]	51.6 [15.1]	55.4 [16.2]	51.1 [15.0]	50.8 [14.9]	55.1 [16.1]	50.9 [14.9]	50.6 [14.8]
		Sens BTUH [kW]	43.0 [12.6]	35.4 [10.4]	35.0 [10.2]	50.3 [14.7]	41.4 [12.1]	40.9 [12.0]	56.1 [16.5]	46.8 [13.7]	46.2 [13.5]	55.4 [16.2]	49.1 [14.4]	48.5 [14.2]	55.1 [16.1]	50.9 [14.9]	50.5 [14.8]
		Power	4.1	3.9	3.9	4.1	3.9	3.9	4.0	3.8	3.8	4.0	3.8	3.8	3.9	3.8	3.8
	100 [37.8]	Total BTUH [kW]	61.5 [18.0]	56.7 [16.6]	56.4 [16.5]	57.5 [16.8]	53.1 [15.5]	52.8 [15.5]	54.7 [16.0]	50.5 [14.8]	50.2 [14.7]	53.9 [15.8]	49.7 [14.6]	49.5 [14.5]	53.6 [15.7]	49.5 [14.5]	49.2 [14.4]
		Sens BTUH [kW]	42.3 [12.4]	34.8 [10.2]	34.4 [10.1]	49.5 [14.5]	40.8 [12.0]	40.3 [11.8]	54.7 [16.0]	46.2 [13.5]	45.6 [13.4]	53.9 [15.8]	48.5 [14.2]	47.9 [14.0]	53.6 [15.7]	49.5 [14.5]	49.2 [14.4]
		Power	4.3	4.2	4.2	4.3	4.1	4.1	4.2	4.1	4.1	4.2	4.1	4.0	4.2	4.0	4.0
	105 [40.6]	Total BTUH [kW]	60.0 [17.6]	55.4 [16.2]	55.1 [16.1]	56.0 [16.4]	51.7 [15.1]	51.4 [15.1]	53.2 [15.6]	49.1 [14.4]	48.8 [14.3]	52.4 [15.4]	48.4 [14.2]	48.1 [14.1]	52.1 [15.3]	48.1 [14.1]	47.9 [14.0]
		Sens BTUH [kW]	41.5 [12.2]	34.2 [10.0]	33.7 [9.9]	48.8 [14.3]	40.2 [11.8]	39.7 [11.6]	53.2 [15.6]	45.6 [13.3]	45.0 [13.2]	52.4 [15.4]	47.9 [14.0]	47.3 [13.9]	52.1 [15.3]	48.1 [14.1]	47.9 [14.0]
		Power	4.6	4.4	4.4	4.6	4.4	4.4	4.5	4.3	4.3	4.5	4.3	4.3	4.5	4.3	4.3
	110 [43.3]	Total BTUH [kW]	58.5 [17.1]	54.0 [15.8]	53.7 [15.7]	54.5 [16.0]	50.3 [14.7]	50.0 [14.7]	51.7 [15.1]	47.7 [14.0]	47.5 [13.9]	50.9 [14.9]	47.0 [13.8]	46.7 [13.7]	50.6 [14.8]	46.7 [13.7]	46.5 [13.6]
		Sens BTUH [kW]	40.7 [11.9]	33.5 [9.8]	33.1 [9.7]	48.0 [14.1]	39.5 [11.6]	39.0 [11.4]	51.7 [15.1]	44.9 [13.2]	44.3 [13.0]	50.9 [14.9]	47.0 [13.8]	46.6 [13.7]	50.6 [14.8]	46.7 [13.7]	46.5 [13.6]
		Power	4.9	4.7	4.7	4.8	4.6	4.6	4.8	4.6	4.6	4.8	4.6	4.6	4.7	4.5	4.5
	115 [46.1]	Total BTUH [kW]	57.0 [16.7]	52.6 [15.4]	52.3 [15.3]	53.0 [15.5]	48.9 [14.3]	48.7 [14.3]	50.2 [14.7]	46.3 [13.6]	46.1 [13.5]	49.4 [14.5]	45.6 [13.4]	45.3 [13.3]	49.1 [14.4]	45.3 [13.3]	45.1 [13.2]
		Sens BTUH [kW]	39.9 [11.7]	32.8 [9.6]	32.4 [9.5]	47.1 [13.8]	38.8 [11.4]	38.3 [11.2]	50.2 [14.7]	44.2 [13.0]	43.6 [12.8]	49.4 [14.5]	45.6 [13.4]	45.3 [13.3]	49.1 [14.4]	45.3 [13.3]	45.1 [13.2]
		Power	5.2	5.0	5.0	5.1	4.9	4.9	5.1	4.9	4.9	5.0	4.8	4.8	5.0	4.8	4.8
	120 [48.9]	Total BTUH [kW]	55.4 [16.2]	51.2 [15.0]	50.9 [14.9]	51.5 [15.1]	47.5 [13.9]	47.3 [13.8]	48.6 [14.3]	44.9 [13.2]	44.7 [13.1]	47.9 [14.0]	44.2 [12.9]	43.9 [12.9]	47.6 [13.9]	43.9 [12.9]	43.7 [12.8]
		Sens BTUH [kW]	39.0 [11.4]	32.1 [9.4]	31.7 [9.3]	46.3 [13.6]	38.1 [11.2]	37.6 [11.0]	48.6 [14.3]	43.5 [12.8]	43.0 [12.6]	47.9 [14.0]	44.2 [12.9]	43.9 [12.9]	47.6 [13.9]	43.9 [12.9]	43.7 [12.8]
		Power	5.5	5.3	5.2	5.4	5.2	5.2	5.4	5.2	5.1	5.3	5.1	5.1	5.3	5.1	5.1
	125 [51.7]	Total BTUH [kW]	53.9 [15.8]	49.7 [14.6]	49.5 [14.5]	49.9 [14.6]	46.1 [13.5]	45.8 [13.4]	47.1 [13.8]	43.5 [12.7]	43.3 [12.7]	46.3 [13.6]	42.7 [12.5]	42.5 [12.5]	46.1 [13.5]	42.5 [12.5]	42.3 [12.4]
		Sens BTUH [kW]	38.1 [11.2]	31.4 [9.2]	31.0 [9.1]	45.4 [13.3]	37.4 [11.0]	36.9 [10.8]	47.1 [13.8]	42.8 [12.5]	42.2 [12.4]	46.3 [13.6]	42.7 [12.5]	42.5 [12.5]	46.1 [13.5]	42.5 [12.5]	42.3 [12.4]
		Power	5.8	5.6	5.5	5.7	5.5	5.5	5.7	5.5	5.4	5.7	5.4	5.4	5.6	5.4	5.4

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 —Cond. kW input

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

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	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 Volts							
						External Static Pressure Inches W.C. [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]
2.0 [7.03]	Low	700/900 220-240 Volt	10x9 1/4 HP [186] 2 Speed Motor	Low	CFM	907 [428]	869 [410]	810 [382]	731 [345]	661 [312]	584 [276]	—	—
					RPM	564	641	711	773	815	845	—	—
					Watts	266	242	218	195	179	166	—	—
				High	CFM	1289 [608]	1216 [574]	1131 [534]	1036 [489]	916 [432]	781 [369]	642 [303]	—
					RPM	712	762	808	850	877	897	919	—
					Watts	405	369	333	297	276	258	233	—
3.0 [10.55]	Low	1050/1350 220-240 Volt	10x9 1/2 HP [373] 2 Speed Motor	Low	CFM	1100 [519]	1036 [489]	959 [453]	869 [410]	765 [361]	—	—	—
					RPM	721	765	801	829	867	—	—	—
					Watts	323	302	284	270	239	—	—	—
				High	CFM	1334 [629]	1288 [608]	1211 [571]	1102 [520]	996 [470]	867 [409]	689 [325]	—
					RPM	864	878	891	904	916	928	939	—
					Watts	570	543	516	489	474	463	446	—
3.5 [12.31]	Low	1225/1575 380-415 Volt	11x9 1/2 HP [373] 2 Speed Motor	Low	CFM	1161 [548]	1118 [528]	1060 [500]	989 [467]	—	—	—	—
					RPM	626	673	715	751	—	—	—	—
					Watts	394	370	345	319	—	—	—	—
				High	CFM	1471 [694]	1466 [692]	1398 [660]	1315 [621]	1200 [566]	1101 [520]	—	—
					RPM	738	763	793	827	844	860	—	—
					Watts	540	510	474	431	408	386	—	—
4.0 [14.07]	Low	1400/1800 220-240 Volt 380-415 Volt	11x9 3/4 HP [559] 2 Speed Motor	Low	CFM	1448 [683]	1434 [677]	1388 [655]	1311 [619]	1246 [588]	1161 [548]	1022 [482]	—
					RPM	695	724	754	785	809	833	861	—
					Watts	447	440	430	417	393	365	338	—
				High	CFM	1751 [826]	1701 [803]	1636 [772]	1556 [734]	1471 [694]	1374 [648]	1257 [593]	1131 [534]
					RPM	783	803	822	840	857	873	888	902
					Watts	580	565	546	523	503	480	450	419
5.0 [17.6]	Low	1750/2250 380-415 Volt	11x9 3/4 HP [559] 2 Speed Motor	Low	CFM	1802 [850]	1793 [846]	1767 [834]	1725 [814]	1618 [763]	1483 [700]	—	—
					RPM	732	776	804	817	858	895	—	—
					Watts	628	618	599	570	543	510	—	—
				High	CFM	2313 [1091]	2143 [1011]	2037 [961]	1951 [921]	1778 [839]	1695 [800]	1537 [725]	—
					RPM	851	862	865	880	884	899	906	—
					Watts	915	896	871	841	812	776	738	—

[ ] Designates Metric Conversions

ELECTRICAL DATA – SSNM SERIES

		A024TK	A036TK	A042NK	A048NK	A048TK	A060NK
Unit Information	Unit Operating Voltage Range	180-242	180-242	342-456	342-456	180-242	342-456
	Volts	220/240	220/240	380/415	380/415	220/240	380/415
	Minimum Circuit Ampacity	15/15	21/21	10/10	11/11	28/28	14/14
	Minimum Overcurrent Protection Device Size	20/20	25/25	15/15	15/15	35/35	20/20
	Maximum Overcurrent Protection Device Size	20/20	30/30	15/15	15/15	45/45	20/20
Compressor Motor	No.	1	1	1	1	1	1
	Volts	220/240	220/240	380/420	380/420	220/240	380/420
	Phase	1	1	3	3	1	3
	RPM	2874	2874	2874	2874	2874	2874
	HP, Compressor 1	2	3	3 1/2	4	4	4 1/2
	Amps (RLA), Comp.1	9/9	13.5/13.5	6/6	6.1/6.1	17.9/17.9	7.8/7.8
	Amps (LRA), Comp. 1	52/52	67/67	46/46	43/43	97/97	51.5/51.5
Condenser Motor	No.	1	1	1	1	1	1
	Volts	220/240	220/240	380/415	380/415	220/240	380/415
	Phase	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5/1.5	1.5/1.5	0.8/0.8	1/1	1.9/1.9	1/1
	Amps (LRA, each)	3/3	3/3	3/3	2.2/2.2	4/4	2.2/2.2
Evaporator Fan	No.	1	1	1	1	1	1
	Volts	220/240	220/240	380/415	380/415	200/240	380/415
	Phase	1	1	1	1	1	1
	HP	1/4	1/2	1/2	3/4	3/4	3/4
	Amps (FLA, each)	1.5/1.5	2.5/2.5	1.2/1.2	1.6/1.6	3.2/3.2	2.5/2.5
	Amps (LRA, each)	2.5/2.5	4.9/4.9	2.4/2.4	2.9/2.9	4.1/4.1	5/5

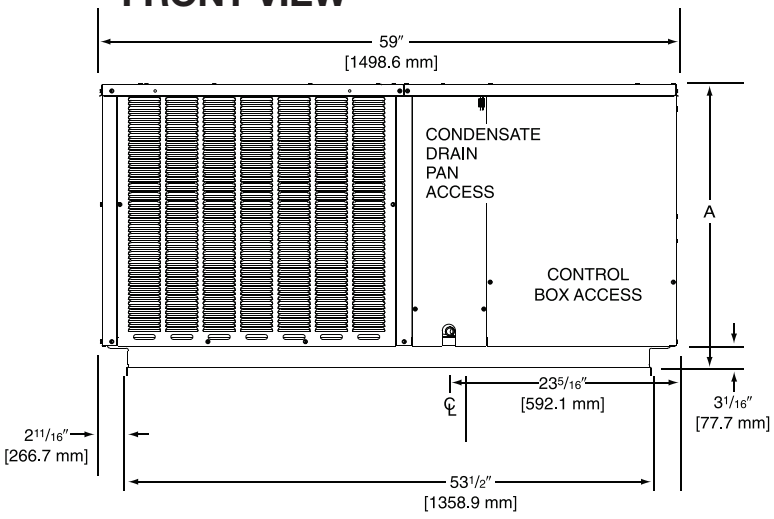
380/415 VOLT, THREE PHASE, 50 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION													
Single Power Supply for Both Unit and Heater Kit									Separate Power Supply for Both Unit and Heater Kit				
	Heater Kit					Air Conditioner			Heater Kit		Air Conditioner		
Model No. SSNM-	RXQJ- Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 380/415V	Heater kBTU/Hr @ 380/415V	Heater Amps @ 380/415V	Unit Min. Ckt. Ampacity @ 380/415V	Over Current Protective Device Size		Min. Ckt. Ampacity 380/415V	Max. Fuse Size 380/415V	Min. Circuit Ampacity 380/415V	Over Current Protective Device Size	
							Min./Max 380V	Min./Max. 415V				Min./Max. 380V	Min./Max. 415V
A042NK	No Heat	—	—	—	—	10/10	15/15	15/15	—	—	10/10	15/15	15/15
A048NK	No Heat	—	—	—	—	11/11	15/15	15/15	—	—	11/11	15/15	15/15
A060NK	No Heat	—	—	—	—	14/14	20/20	20/20	—	—	14/14	20/20	20/20

220/240 VOLT, SINGLE PHASE, 50 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION													
Single Power Supply for Both Unit and Heater Kit									Separate Power Supply for Both Unit and Heater Kit				
	Heater Kit					Air Conditioner			Heater Kit		Air Conditioner		
Model No. SSNM-	RXQJ- Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 220/240V	Heater kBTU/Hr @ 220/240V	Heater Amps @ 220/240V	Unit Min. Ckt. Ampacity @ 220/240V	Over Current Protective Device Size		Min. Ckt. Ampacity 220/240V	Max. Fuse Size 220/240V	Min. Circuit Ampacity 220/240V	Over Current Protective Device Size	
							Min./Max 220V	Min./Max. 240V				Min./Max. 220V	Min./Max. 240V
A024TK	No Heat	—	—	—	—	15/15	20/20	20/20	—	—	15/15	20/20	20/20
	C05J	1	4/4.8	13.73/16.38	18/3/20	225/27	25/25	30/30	23/25	25/25	—	—	—
	C07J	1	6.1/7.2	20.64/24.56	27/5/30	37/40	40/40	40/40	35/38	35/40	—	—	—
	C10J	1	8.1/9.6	27.55/32.75	36.7/40	48/52	50/50	60/60	46/50	50/50	—	—	—
A036TK	No Heat	—	—	—	—	21/21	25/30	25/30	—	—	21/21	25/30	25/30
	C05J	1	4/4.8	13.73/16.38	18/3/20	26/29	30/30	30/30	25/25	25/25	—	—	—
	C07J	1	6.1/7.2	20.64/24.56	27/5/30	38/41	40/40	45/45	35/38	35/40	—	—	—
	C10J	1	8.1/9.6	27.55/32.75	36.7/40	50/54	50/50	50/50	46/50	50/50	—	—	—
	C15J	1	12.1/14.4	41.28/49.13	55/60	72/79	80/80	80/80	69/75	70/80	—	—	—
A048TK	No Heat	—	—	—	—	28/28	35/45	35/45	—	—	28/28	35/45	35/45
	C05J	1	4/4.8	13.73/16.38	18/3/20	28/30	35/45	35/45	23/25	25/25	—	—	—
	C07J	1	6.1/7.2	20.64/24.56	27/5/30	39/42	40/45	45/45	35/38	35/40	—	—	—
	C10J	1	8.1/9.6	27.55/32.75	36.7/40	50/55	50/50	60/60	46/50	50/50	—	—	—
	C15J	1	12.1/14.4	41.28/49.13	55/60	73/80	80/80	80/80	69/75	70/80	—	—	—
	C20J	1	16.1/19.2	55.01/65.5	73.3/80	96/105	100/100	110/110	92/100	100/100	—	—	—

DIMENSIONS

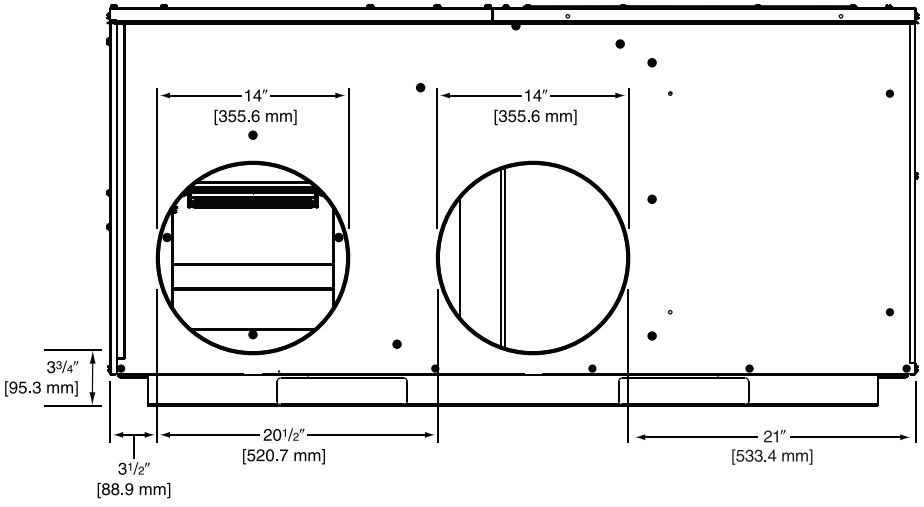
Model	Height "A"
024, 036, 042	29 1/8"
048, 060	37 1/8"

FRONT VIEW

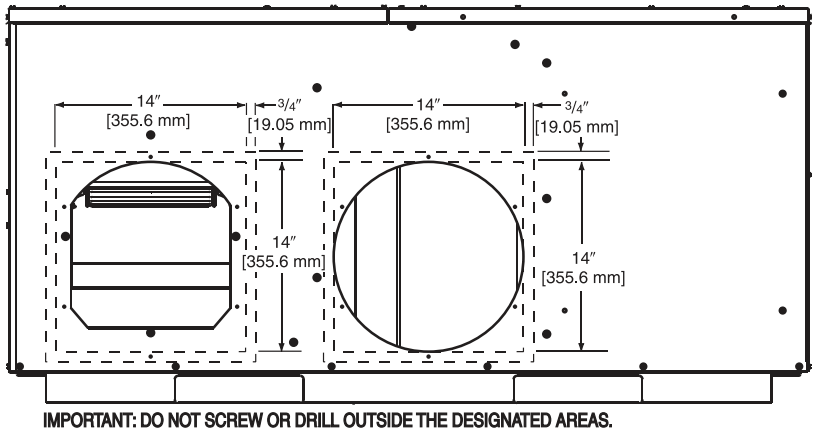


REAR VIEW

OPTION A



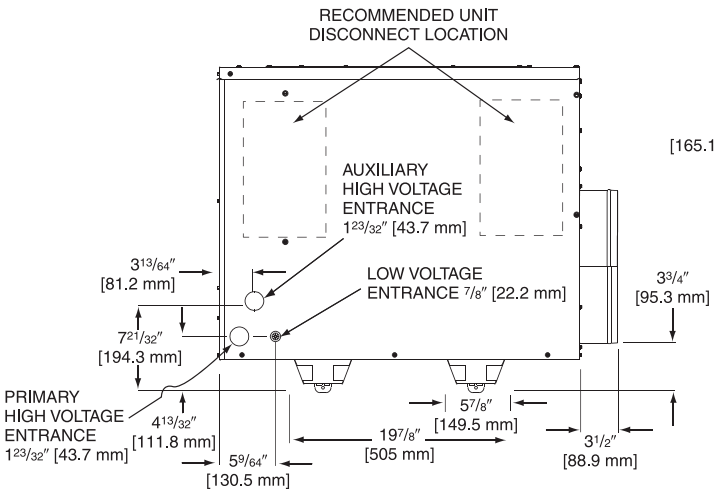
OPTION B



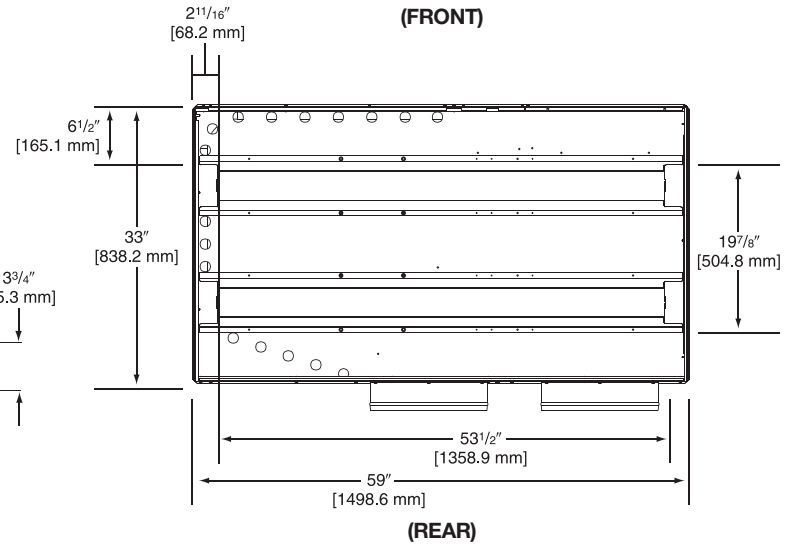
IMPORTANT: DO NOT SCREW OR DRILL OUTSIDE THE DESIGNATED AREAS.

[ ] Designates Metric Conversions

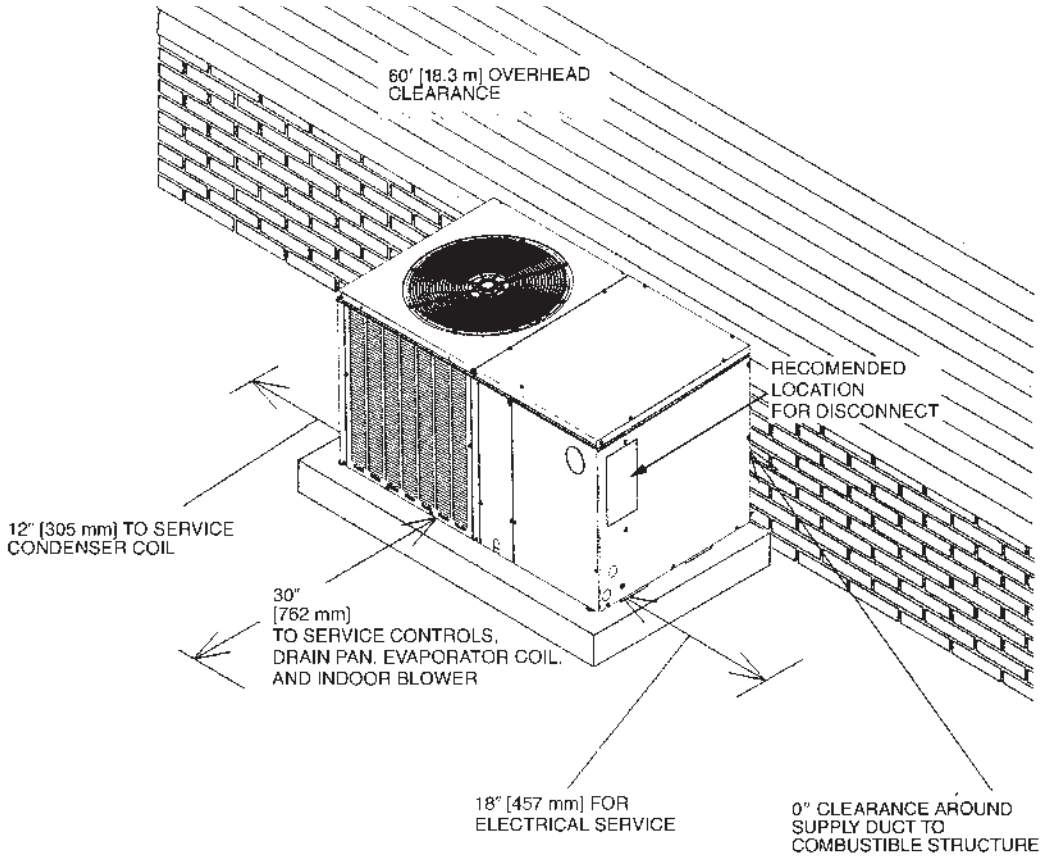
ELECTRICAL CONNECTIONS

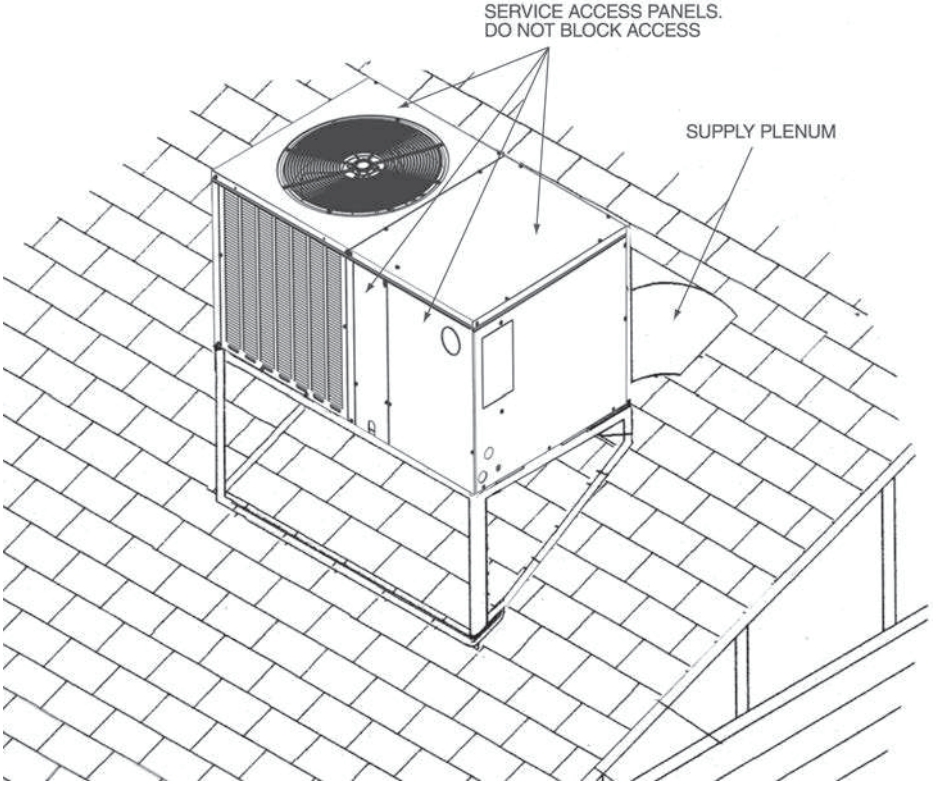


BOTTOM VIEW



[ ] Designates Metric Conversions

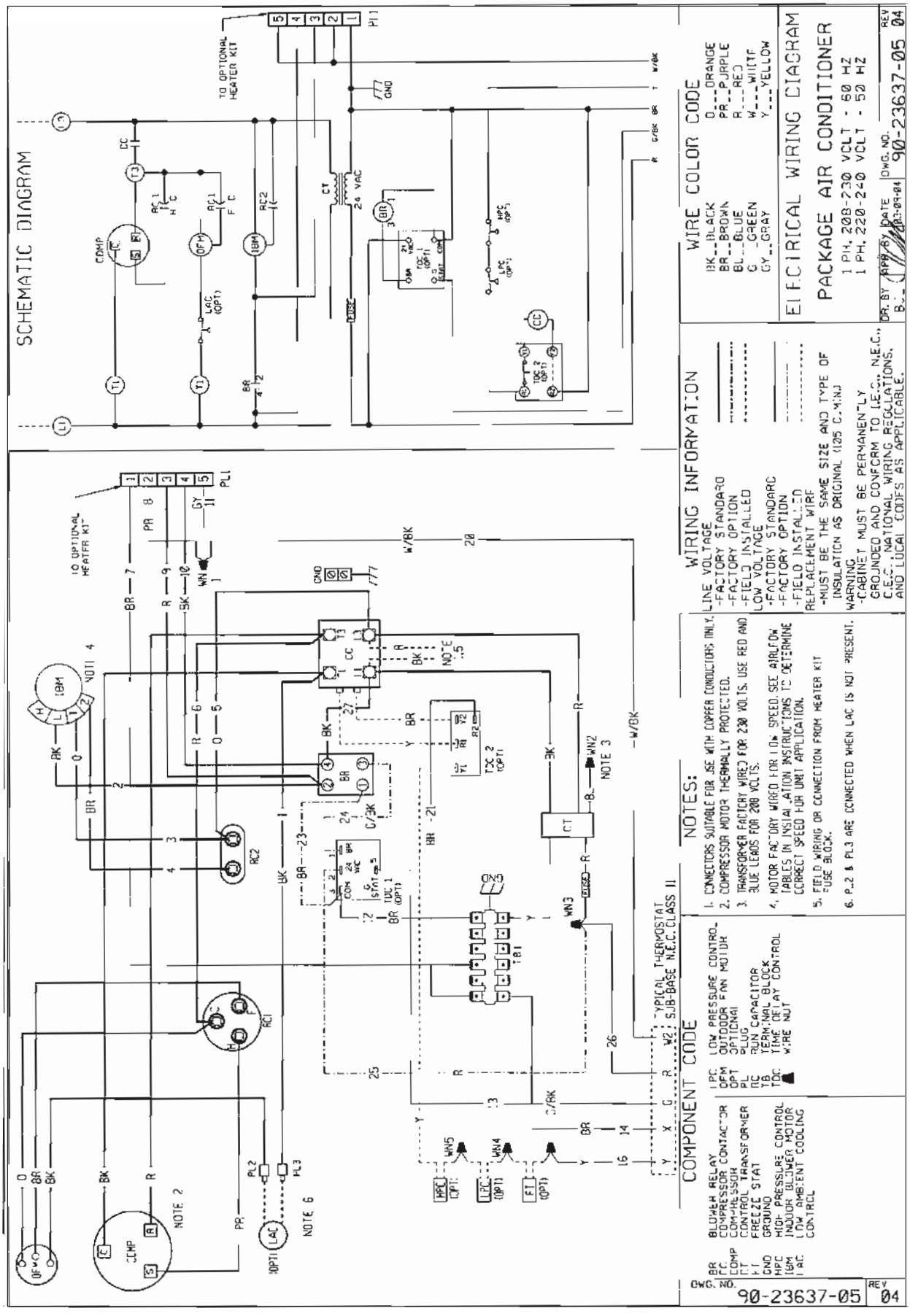


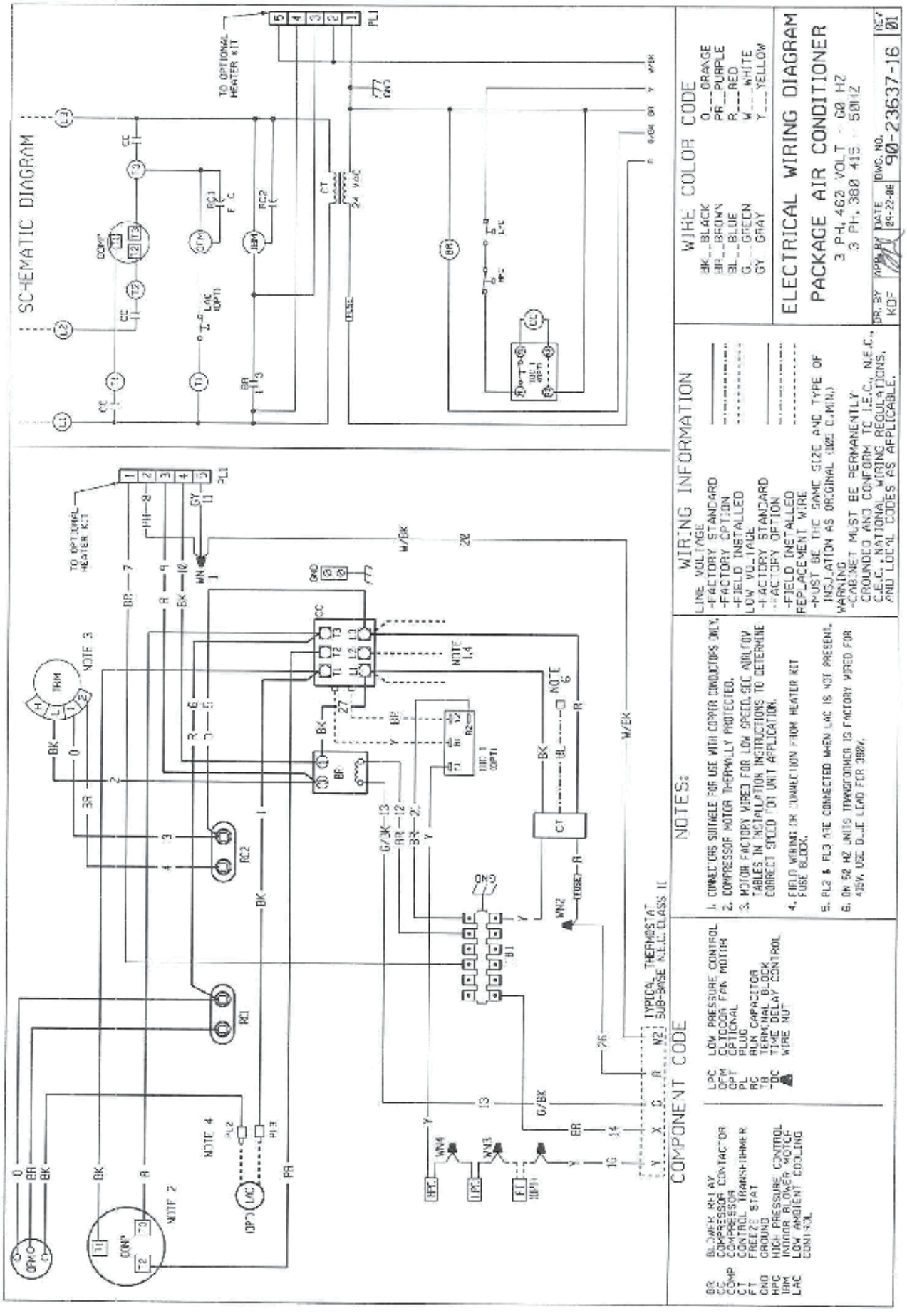


[ ] Designates Metric Conversions

ACCESSORY EQUIPMENT

Accessory Description	Model Application	Accessory Model No.
Freeze Stat	—	RXRX-AM02
Low Ambient Control	—	RXRZ-B01


SCHEMATIC DIAGRAM
ELECTRICAL WIRING DIAGRAM
PACKAGE AIR CONDITIONER
1 PH, 208-230 VOLT - 60 HZ
1 PH, 220-240 VOLT - 50 HZ
WIRE COLOR CODE
BK--BLACK
BR--BROWN
BL--BLUE
G --GREEN
GY--GRAY
O--ORANGE
PR--PURPLE
R--RED
W--WHITE
Y--YELLOW
WIRING INFORMATION
LINE VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
LOW VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
REPLACEMENT WIRE
-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 C.MIN.)
WARNING
-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO N.E.C., N.E.C., NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.
NOTES:
1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED.
3. TRANSFORMER FACTORY WIRED FOR 230 VOLTS. USE RED AND BLUE LEADS FOR 200 VOLTS.
4. MOTOR FACTORY WIRED FOR HIGH SPEED. SEE AIRFLOW TABLES IN INSTALLATION INSTRUCTIONS TO DETERMINE CORRECT SPEED FOR UNIT APPLICATION.
5. FIELD WIRING OR CONNECTION FROM HEATER KIT FUSE BLOCK.
6. P.2 & PL3 ARE CONNECTED WHEN LAC IS NOT PRESENT.
COMPONENT CODE
BR BLOWER RELAY
CC COMPRESSOR CONTACTOR
COMP COMPRESSOR
CT CONTROL TRANSFORMER
FI FREEZE STAT
GND GROUND
HPC HIGH PRESSURE CONTROL
IBM INDOOR BLOWER MOTOR
LAC LOW AMBIENT COMPONENT CONTROL
LPC LOW PRESSURE CONTROL
OFM OUTDOOR FAN MOTOR
OPT OPTIONAL
PL PLUG
RC RUN CAPACITOR
TB TERMINAL BLOCK
TDC TIME DELAY CONTROL
WN WIRE NUT
TYPICAL THERMOSTAT SUB-BASE N.E.C. CLASS II
TO OPTIONAL HEATER KIT
DWG. NO. 90-23637-05 REV 04


SCHEMATIC DIAGRAM
ELECTRICAL WIRING DIAGRAM
PACKAGE AIR CONDITIONER
3 PH, 460 VOLT - 60 HZ
3 PH, 380 415 - 50HZ
90-23637-16
WIRE COLOR CODE
BK--BLACK
BR--BROWN
BL--BLUE
G--GREEN
GY GRAY
O--ORANGE
PR--PURPLE
R--RED
W--WHITE
Y--YELLOW
WIRING INFORMATION
LINE VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
LOW VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
REPLACEMENT WIRE
-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL WIRE (60°C MIN.)
WARNING
-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO N.E.C., N.E.C., C.E.C., NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.
NOTES:
1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED.
3. MOTOR FACTORY WIRED FOR LOW SPEED. SEE AUXILIARY TABLES IN INSTALLATION INSTRUCTIONS TO DETERMINE CORRECT SPEED TAP FOR UNIT APPLICATION.
4. FIELD WIRING FOR CONNECTION FROM HEATER KIT FUSE BLOCK.
5. PL2 & PL3 ARE CONNECTED WHEN LAC IS NOT PRESENT.
6. ON 50 HZ UNITS TRANSFORMER IS FACTORY WIRED FOR 415V, USE BLUE LEAD FOR 380V.
COMPONENT CODE
BLOWER RELAY
COMPRESSOR CONTACTOR
COMPRESSOR CONTROL TRANSFORMER
FREEZE STAT
GROUND
HIGH PRESSURE CONTROL
INDOOR BLOWER MOTOR
LOW AMBIENT COOLING CONTROL
LOW PRESSURE CONTROL
CUTDOOR FAN MOTOR
OPTIONAL PLUG
RUN CAPACITOR
TERMINAL BLOCK
TIME DELAY CONTROL WIRE NUT
TYPICAL THERMOSTAT SUB-BASE N.E.C. CLASS II
TO OPTIONAL HEATER KIT

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