

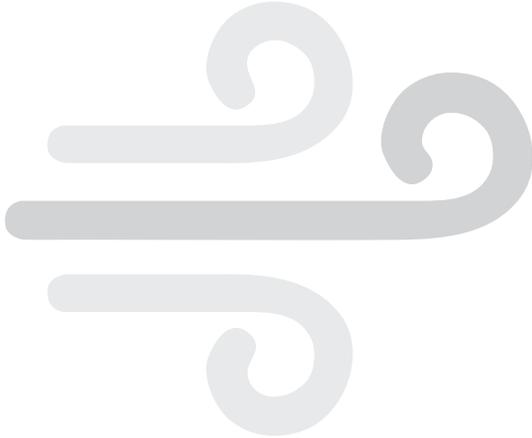


Air

Package Air Conditioner  
SSPM Series

The new degree of comfort.™

## Rheem Commercial Classic® Series Package Air Conditioner



**SSPM- Series R410A, 60 Hz**  
Nominal Sizes 2-5 Tons [7-17.6 kW]



*"Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your Contractor for details or visit [www.energystar.gov](http://www.energystar.gov)."*

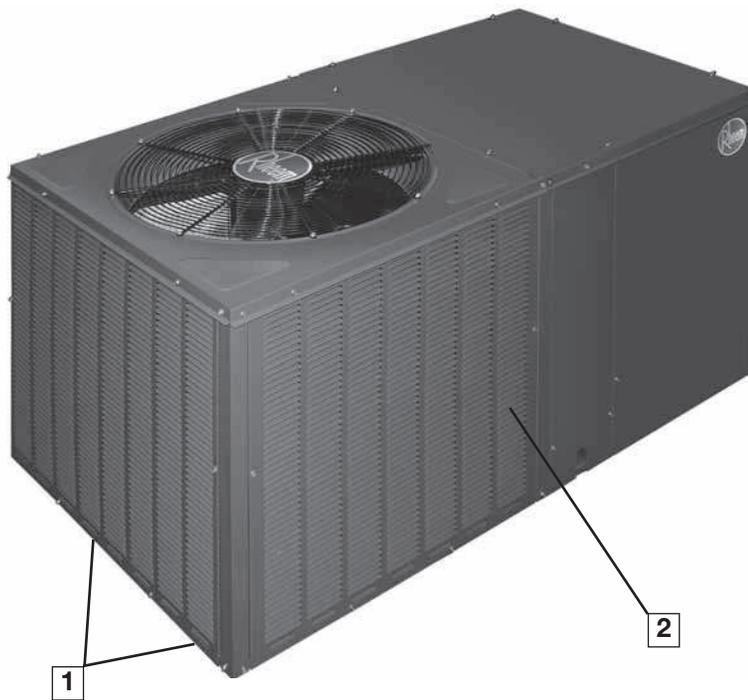


INTEGRATED AIR & WATER

FORM NO. EXS11-950 Rev-06

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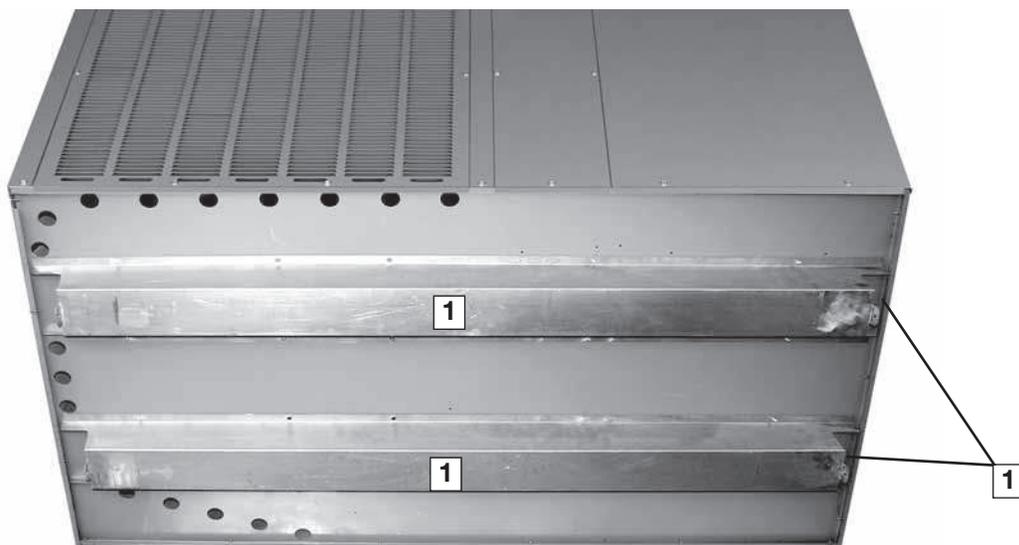
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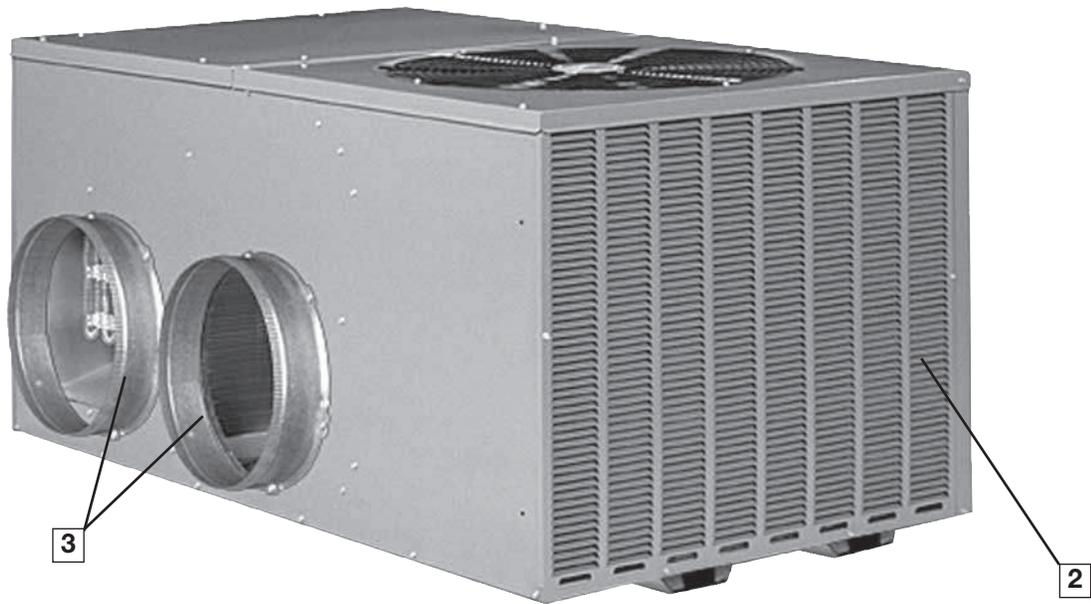


The SSPM series of Package Air Conditioners are designed to be one of the most efficient, quickest to install, easiest to service, and most reliable units in the industry. This platform provides you with a full line of nominal capacities from 2 through 5 tons utilizing earth-friendly R-410A refrigerant. This unit is suitable for use in conventionally constructed residential and commercial buildings where horizontally-ducted systems are preferred.

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.

Every unit arrives fully assembled, charged, tested and ready to run.

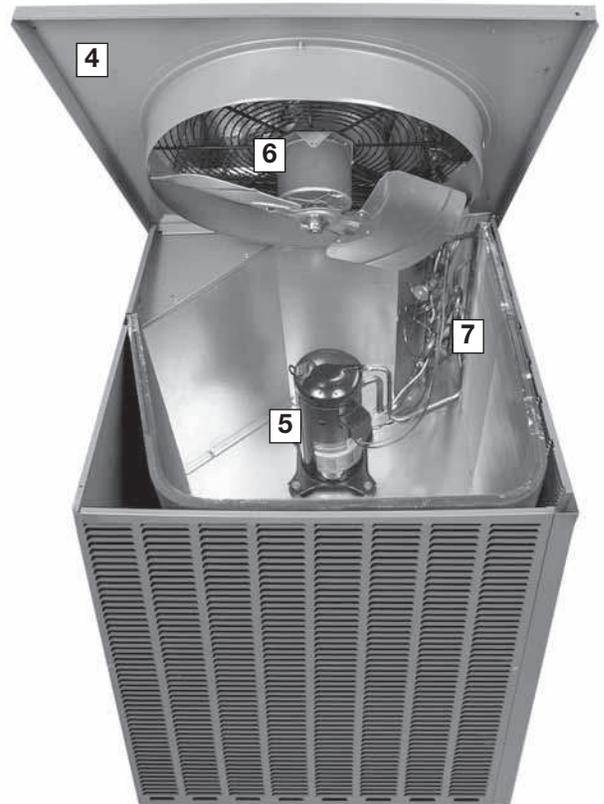


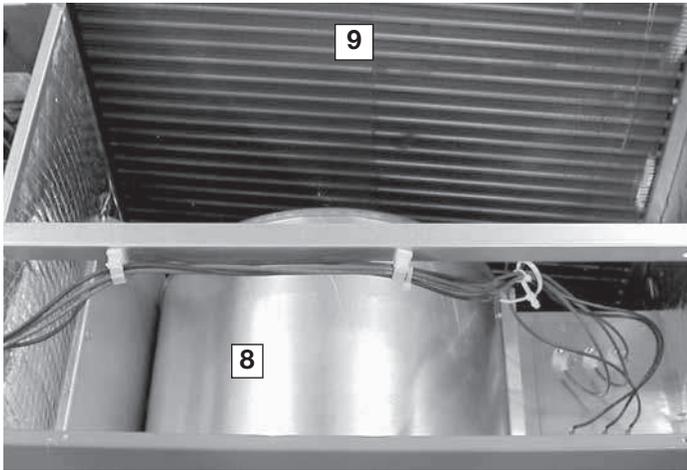


To provide flexibility in space-limited installations, the unit can be installed flush to the structure without blocking airflow over the outdoor coil or making any screws inaccessible for maintenance. Furthermore, the cabinet is a slim 33" wide. Full-louver coil protection (2) makes Rheem unique in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

These units will perform with rectangle, square or round duct work. Two round 14" duct collar (3) are included with the unit. The collar is crimped around the leading edge, making it easier to install duct onto the collar. A metal bead around the circumference prevents the attached ducting from sliding off after installation.

Keeping service technicians in mind, Rheem takes pride providing easy access to internal components. The outdoor-section top cover (4) is easily removed to allow access to the scroll compressor (5), outdoor fan motor (6), and refrigerant tubing (7).

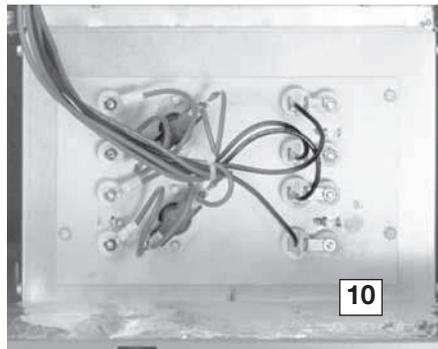




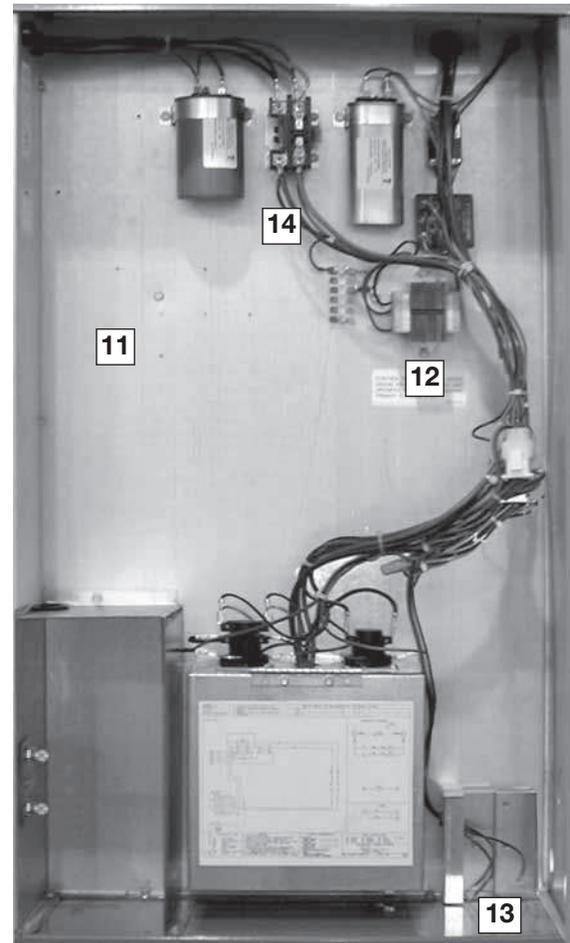
The indoor-section top cover also easily opens to access the removable blower housing and motor (8). This also gains total access to the indoor coil for cleaning and service (9).

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 airflow brought about by high-static duct designs.

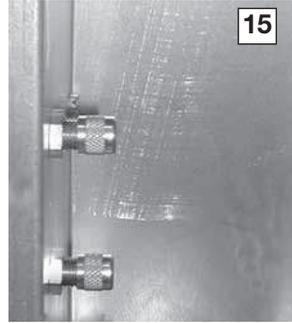
Optional electric heat (10) can be easily installed in the field, with either dual- or single-point power connections.



The controls are located in a large, easy-to-access control box (11), which provides plenty of space in which to troubleshoot. The transformer (12) is protected by an in-line fuse, which protects the transformer during a low-voltage electrical short. The low-voltage (13) and high-voltage (14) 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 (15) located inside the control box.



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 (18) on all package platforms. With many years of history, the scroll compressor has proven to be reliable, efficient, and quiet during operation.

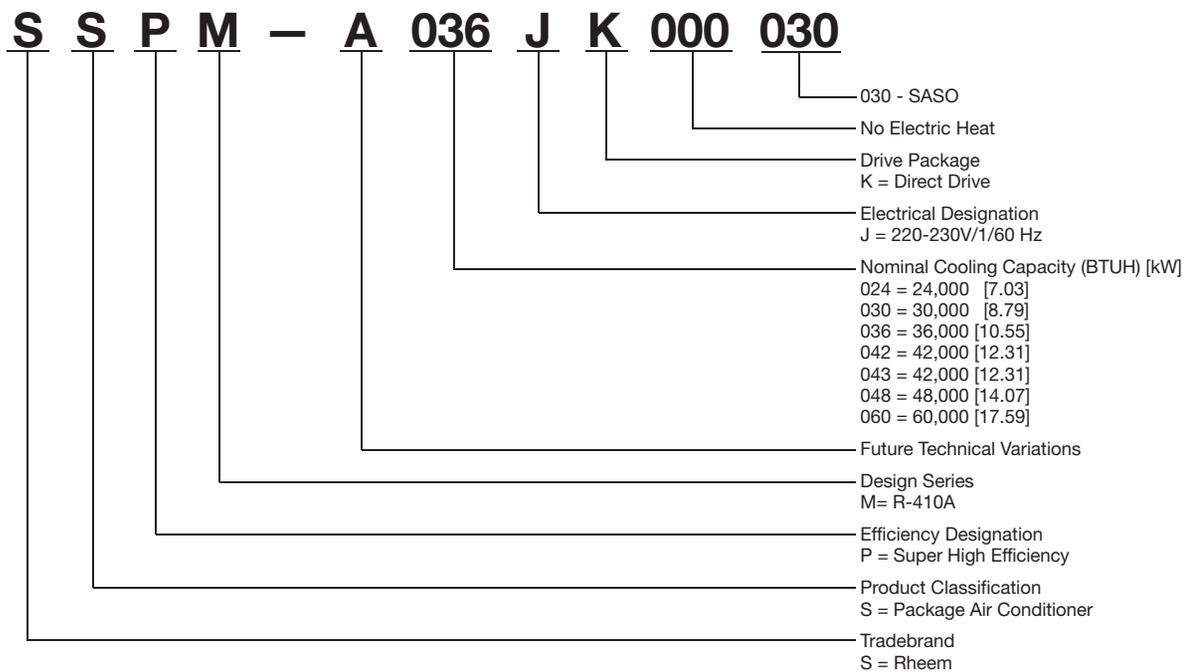


A small side panel grants access to a removable, sloped drain pan (16), which helps to ensure indoor air quality (IAQ) throughout the life of the unit. A 3/4" drain trap (17) assembly is provided for convenience.



"Patent 7,430,877"





[ ] Designates Metric Conversions

Models Available
SSPM-A024JK000030
SSPM-A030JK000030
SSPM-A048JK000030
SSPM-B036JK000030
SSPM-B043JK000030
SSPM-B060JK000030

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

Model SSPM- Series	A024JK000030	A030JK000030	B036JK000030	B043JK000030
<b>Cooling Performance</b>				<b>CONTINUED →</b>
Gross Cooling Capacity Btu [kW]	24,000 [7.03]	28,400 [8.32]	35,200 [10.31]	41,000 [12.01]
EER/SEER <sup>2</sup>	11.55/NA	11.65/NA	11.55/NA	11.1/NA
Rated CFM [L/s]	800 [378]	1000 [472]	1200 [566]	1400 [661]
Net Cooling Capacity Btu [kW]	23,000 [6.74]	27,200 [7.97]	33,800 [9.9]	39,500 [11.57]
Net Sensible Capacity Btu [kW]	20,990 [6.15]	23,660 [6.93]	28,380 [8.32]	33,240 [9.74]
Net Latent Capacity Btu [kW]	2,010 [0.59]	3,540 [1.04]	5,420 [1.59]	6,260 [1.83]
Net System Power [kW]	1.99	2.34	2.93	3.57
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>†</sup></b>	76	76	76	76
<b>Outdoor Coil—Fin Type</b>	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled/IGT	Rifled/IGT	Rifled/IGT	Rifled/IGT
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]	12.64 [1.17]	12.65 [1.18]	12.65 [1.18]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
<b>Indoor Coil—Fin Type</b>	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]	4.33 [0.4]	4.33 [0.4]	4.33 [0.4]	5.78 [0.54]
Rows / FPI [FPcm]	2 / 15 [6]	2 / 15 [6]	2 / 15 [6]	3 / 13 [5]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm] <sup>‡</sup>	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]
<b>Outdoor Fan—Type</b>	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]	3400 [1604]	3400 [1604]	3400 [1604]	3400 [1604]
No. Motors/HP	1 at 1/3 HP			
Motor RPM	875	875	875	850
<b>Indoor Fan—Type</b>	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/11x9 [279x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/4	1/3	1/2	1/2
Motor RPM	1033	1080	1050	1075
Motor Frame Size	48	48	48	48
<b>Filter—Type</b>	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]	(1)1x25x23 [25x635x584]
<b>Refrigerant Charge Oz. [g] R410A</b>	70 [1984]	78 [2211]	78 [2211]	86 [2438]
<b>Weights</b>				
Net Weight lbs. [kg]	304 [138]	306 [139]	309 [140]	333 [151]
Ship Weight lbs. [kg]	328 [149]	330 [150]	333 [151]	357 [162]

[ ] Designates Metric Conversions

### NOTES:

- Cooling Performance is rated at 95° F ambient, 80° F entering dry bulb, 67° F entering wet bulb. Gross capacity does not include the effect of fan motor heat. AHRI capacity is net and includes the effect of fan motor heat. Units are suitable for operation to ±20% of nominal cfm. Units are certified in accordance with the Unitary Air Conditioner Equipment certification program, which is based on AHRI Standard 210/240 or 360.
- EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
- Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.
- Standard 3/4" PVC P-Trap provided.

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

Model SSPM- Series	A048JK000030	B060JK000030
<b>Cooling Performance</b>		
Gross Cooling Capacity Btu [kW]	46,500 [13.62]	60,000 [17.58]
EER/SEER <sup>2</sup>	11.5/NA	11.25/NA
Rated CFM [L/s]	1600 [755]	1900 [897]
Net Cooling Capacity Btu [kW]	44,500 [13.04]	57,000 [16.7]
Net Sensible Capacity Btu [kW]	36,580 [10.72]	45,800 [13.42]
Net Latent Capacity Btu [kW]	7,920 [2.32]	11,200 [3.28]
Net System Power [kW]	3.88	5.06
<b>Compressor</b>		
No./Type	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>3</sup></b>		
	78	78
<b>Outdoor Coil—Fin Type</b>		
Tube Type	Louvered	Louvered
Tube Size in. [mm] OD	Rifled/IGT	Rifled/IGT
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	16.54 [1.54]	16.54 [1.54]
	1 / 22 [9]	2 / 22 [9]
<b>Indoor Coil—Fin Type</b>		
Tube Type	Louvered	Louvered
Tube Size in. [mm] OD	Rifled	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	5.78 [0.54]	5.78 [0.54]
	3 / 13 [5]	4 / 13 [5]
Refrigerant Control	TX Valves	TX Valves
Drain Connection No./Size in. [mm] <sup>4</sup>	1/1 [25.4]	1/1 [25.4]
<b>Outdoor Fan—Type</b>		
No. Used/Diameter in. [mm]	Propeller	Propeller
Drive Type/No. Speeds	1/24 [609.6]	1/24 [609.6]
CFM [L/s]	Direct/1	Direct/1
No. Motors/HP	4200 [1982]	4000 [1888]
Motor RPM	1 at 1/3 HP	1 at 1/3 HP
	1075	1075
<b>Indoor Fan—Type</b>		
No. Used/Diameter in. [mm]	FC Centrifugal	FC Centrifugal
Drive Type	1/11x9 [279x229]	1/11x9 [279x229]
No. Speeds	Direct	Direct
No. Motors	Multiple	Multiple
Motor HP	1	1
Motor RPM	3/4	3/4
Motor Frame Size	1075	1075
	48	48
<b>Filter—Type</b>		
Furnished	Permanent	Permanent
(NO.) Size Recommended in. [mm x mm x mm]	Yes	Yes
	(1)1x25x16 [25x635x406]	(1)1x25x16 [25x635x406]
<b>Refrigerant Charge Oz. [g] R410A</b>		
	114 [3232]	178 [5046]
<b>Weights</b>		
Net Weight lbs. [kg]	349 [158]	364 [165]
Ship Weight lbs. [kg]	375 [170]	390 [177]

[ ] Designates Metric Conversions

### NOTES:

- 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.
- EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
- Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.
- Standard 3/4" PVC P-Trap provided.

**GROSS SYSTEMS PERFORMANCE DATA – SSPM-A024J**

Air Flow - CFM		Indoor		Outdoor Ambient Temperature, DB											
				95°F [35°C]			115°F [46°C]			118°F [48°C]			126°F [52°C]		
				Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW
447	0.9	61°F [16°C]	70°F	20020	12551	2.0	17834	11445	2.4	17491	11273	2.5	16451	10770	2.7
			75°F	20161	14891	2.0	17872	13735	2.4	17437	13517	2.5	16500	13054	2.7
			81°F	20039	17520	2.0	17984	16489	2.4	17519	16247	2.5	16592	15766	2.7
			86°F	20160	19715	2.0	18225	18225	2.4	17939	17939	2.5	17034	17034	2.7
		66°F [19°C]	75°F	22009	12568	2.0	19599	11450	2.4	19175	11260	2.5	18127	10791	2.7
			81°F	21829	15212	2.0	19592	14175	2.4	19234	14009	2.5	18132	13521	2.7
			86°F	21990	17561	2.0	19611	16441	2.4	19298	16292	2.5	18156	15773	2.7
			91°F	22132	19854	2.0	19756	18726	2.4	19504	18583	2.5	18436	18026	2.7
		72°F [22°C]	81°F	24907	12639	2.0	21915	11407	2.4	21502	11235	2.5	20489	10817	2.7
			86°F	24608	14805	2.0	21988	13715	2.4	21497	13524	2.5	20319	13055	2.7
			91°F	24599	17084	2.0	21998	16002	2.4	21538	15818	2.5	20364	15340	2.7
			97°F	24575	19779	2.0	22002	18708	2.4	21598	18521	2.5	20402	18054	2.7
800	0.3	61°F [16°C]	70°F	22676	16226	1.9	20277	15098	2.4	19671	14773	2.4	18503	14244	2.6
			75°F	22509	19854	1.9	20204	18739	2.4	19772	18514	2.4	18679	17932	2.6
			81°F	23458	23458	1.9	21188	21188	2.4	20768	20768	2.4	19811	19811	2.6
			86°F	24461	24461	1.9	22358	22358	2.4	21971	21971	2.5	21131	21131	2.6
		66°F [19°C]	75°F	24820	16247	1.9	22131	15099	2.4	21689	14874	2.4	20274	14294	2.7
			81°F	24958	20795	1.9	22130	19557	2.4	21704	19382	2.5	20337	18770	2.7
			86°F	25115	24373	1.9	22487	22487	2.4	22164	22164	2.5	21316	21316	2.6
			91°F	26223	26223	1.9	23636	23636	2.4	23356	23356	2.5	22418	22418	2.7
		72°F [22°C]	81°F	27639	16224	2.0	24555	15054	2.4	23946	14828	2.5	22743	22743	2.6
			86°F	27613	19999	2.0	24649	18815	2.4	24092	18610	2.5	22802	22802	2.7
			91°F	27646	23745	2.0	24649	22535	2.4	24135	22325	2.5	22862	22862	2.6
			97°F	28071	28017	2.0	25384	25384	2.4	25045	25045	2.5	24086	24086	2.7
1240	0.1	61°F [16°C]	70°F	23803	19169	2.0	20976	17909	2.5	20524	17688	2.5	19186	16929	2.7
			75°F	24057	24030	2.0	21477	21477	2.5	21157	21157	2.5	20074	20074	2.7
			81°F	25778	25778	2.0	23229	23229	2.5	23058	23058	2.5	21645	21645	2.7
			86°F	27405	27405	2.0	24738	24738	2.5	24434	24434	2.6	22904	22904	2.7
		66°F [19°C]	75°F	25841	19159	2.0	22914	17834	2.5	22363	17619	2.5	21051	21051	2.7
			81°F	26089	25301	2.0	23314	23314	2.5	22867	22867	2.5	21737	21737	2.7
			86°F	27338	27338	2.0	24734	24734	2.5	24298	24298	2.6	23139	23139	2.7
			91°F	29011	29011	2.1	26270	26270	2.5	25803	25803	2.6	24842	24842	2.7
		72°F [22°C]	81°F	28783	19193	2.1	25476	18009	2.5	24856	17666	2.6	23437	23437	2.7
			86°F	28784	24490	2.1	25539	23115	2.5	24974	22916	2.6	23607	23607	2.7
			91°F	29189	29189	2.1	26331	26331	2.5	25952	25952	2.6	24791	24791	2.8
			97°F	30952	30952	2.1	27914	27914	2.5	27670	27670	2.6	26486	26486	2.8

# GROSS SYSTEMS PERFORMANCE DATA – SSPM-A030J

Indoor		Outdoor Ambient Temperature, DB															
		95°F [35°C]				115°F [46°C]				118°F [48°C]				126°F [52°C]			
		Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	WBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	
626	1.0	61°F [16°C]	70°F 21°C	24473	15799	2.4	21979	14562	3.0	21532	14357	3.1	20298	13749	3.4		
			75°F 24°C	24593	18870	2.4	22062	17562	3.0	21809	17441	3.1	20489	16773	3.3		
			81°F 27°C	24732	22450	2.4	22299	21133	3.0	21819	20802	3.1	20510	19942	3.3		
			86°F 30°C	24593	24581	2.4	22417	22417	2.9	21837	21837	3.1	20762	20762	3.3		
		66°F [19°C]	75°F 24°C	27036	15878	2.4	24302	14643	3.0	23700	14383	3.1	22504	13835	3.3		
			81°F 27°C	27204	19650	2.4	24352	18267	3.0	23884	18096	3.1	22569	17484	3.3		
			86°F 30°C	27146	22539	2.4	24510	21261	3.0	24034	20978	3.1	22645	20336	3.3		
			91°F 33°C	27228	25519	2.4	24598	23937	3.0	24048	23634	3.1	23256	23012	3.3		
		72°F [22°C]	81°F 27°C	30252	15858	2.4	27009	14545	3.0	26707	14418	3.1	25222	13838	3.3		
			86°F 30°C	30180	18931	2.4	27301	17793	3.0	26785	17584	3.1	25258	16954	3.3		
			91°F 33°C	30280	22063	2.4	27444	20855	3.0	26825	20612	3.1	25382	19952	3.3		
			97°F 36°C	30377	25609	2.4	27469	24323	3.0	26922	24070	3.1	25494	23471	3.3		
1000	0.3	61°F [16°C]	70°F 21°C	27416	19590	2.3	24516	18198	2.9	24093	18016	3.0	22599	17299	3.3		
			75°F 24°C	27562	23947	2.3	24709	22524	2.9	24143	22250	3.0	22732	21614	3.2		
			81°F 27°C	28393	28393	2.3	25392	25392	2.9	25022	25022	3.0	23868	23868	3.2		
			86°F 30°C	29523	29523	2.4	26938	26938	2.9	26545	26545	3.0	25759	25759	3.2		
		66°F [19°C]	75°F 24°C	30159	19745	2.4	26696	18187	2.9	26392	18068	3.0	24647	24647	3.2		
			81°F 27°C	30128	24980	2.4	27106	23572	2.9	26562	23323	3.0	24889	24889	3.2		
			86°F 30°C	30304	29287	2.4	27100	27100	2.9	26684	26578	3.0	25906	25906	3.2		
			91°F 33°C	31134	31134	2.4	28683	28683	2.9	28096	28096	3.0	27057	27057	3.3		
		72°F [22°C]	81°F 27°C	33410	19699	2.4	29870	18309	2.9	29262	18083	3.0	27495	17395	3.3		
			86°F 30°C	33569	24248	2.4	29940	22765	2.9	29575	22658	3.0	27886	21881	3.2		
			91°F 33°C	33632	28452	2.4	30299	27079	2.9	29694	27002	3.0	28012	26271	3.2		
			97°F 36°C	33888	33323	2.4	30549	30549	2.9	30201	30201	3.0	29612	29612	3.3		
1365	0.1	61°F [16°C]	70°F 21°C	28702	22116	2.4	25542	20603	2.9	24885	20297	3.0	23381	19553	3.3		
			75°F 24°C	28852	27714	2.4	25382	25180	2.9	25186	25049	3.0	23685	23685	3.3		
			81°F 27°C	30405	30405	2.4	27556	27556	2.9	27096	27096	3.0	26109	26109	3.3		
			86°F 30°C	32310	32310	2.4	29242	29242	3.0	28934	28934	3.0	27539	27539	3.3		
		66°F [19°C]	75°F 24°C	31087	22066	2.4	27772	20459	2.9	27126	20334	3.0	25711	25711	3.3		
			81°F 27°C	31486	28747	2.4	27947	26983	2.9	27520	26825	3.0	26190	26190	3.3		
			86°F 30°C	32244	32244	2.4	29404	29404	3.0	28793	28793	3.0	27833	27833	3.3		
			91°F 33°C	34234	34234	2.4	31030	31030	3.0	30603	30603	3.0	29312	29312	3.3		
		72°F [22°C]	81°F 27°C	34746	22276	2.4	31066	20812	3.0	30393	20540	3.1	28721	28721	3.3		
			86°F 30°C	34864	27736	2.4	31108	26107	3.0	30621	26013	3.1	29105	29105	3.3		
			91°F 33°C	35203	33513	2.4	31272	31205	3.0	30890	30882	3.1	29793	29793	3.3		
			97°F 36°C	36665	36665	2.4	33419	33419	3.0	32817	32817	3.1	31686	31686	3.3		

**GROSS SYSTEMS PERFORMANCE DATA – SSPM-B036J**

Indoor		Outdoor Ambient Temperature, DB															
		95°F [35°C]				115°F [46°C]				118°F [48°C]				126°F [52°C]			
		Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	WBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	
893	1.0	61°F [16°C]	70°F 21°C	30645	20339	3.0	27312	18693	3.7	26564	18323	3.8	24953	17517	4.1		
			75°F 24°C	30735	24452	3.0	27327	22688	3.7	26668	22356	3.8	25082	21552	4.1		
			81°F 27°C	31026	29311	3.0	27402	26983	3.7	27087	26789	3.8	25251	25251	4.1		
			86°F 30°C	31311	31311	3.0	28636	28636	3.7	28023	28023	3.8	25924	25924	4.1		
			75°F 24°C	33459	20324	3.0	29936	18730	3.7	29231	18412	3.8	27436	17626	4.1		
			81°F 27°C	33839	25420	3.0	30075	23637	3.7	29685	23475	3.8	27759	22530	4.1		
	0.3	72°F [22°C]	86°F 30°C	33927	29409	3.0	30373	27758	3.7	29745	27471	3.8	27899	26549	4.1		
			91°F 33°C	34168	33309	3.0	30072	30072	3.7	29758	29758	3.8	28668	28668	4.1		
			81°F 27°C	37325	20316	3.0	33288	18656	3.7	32972	18535	3.8	30939	17720	4.2		
			86°F 30°C	37421	24504	3.0	33776	23008	3.7	33050	22715	3.8	31085	21885	4.2		
			91°F 33°C	37699	28767	3.1	33616	26907	3.7	33135	26677	3.8	31143	25850	4.2		
			97°F 36°C	37831	33488	3.1	33935	31839	3.7	33254	31455	3.8	31413	30710	4.2		
1200	0.3	61°F [16°C]	70°F 21°C	32609	23132	2.9	28955	21396	3.6	28515	21182	3.7	26510	20059	4.0		
			75°F 24°C	32740	28202	2.9	29022	26345	3.6	28637	26136	3.7	26967	25296	4.0		
			81°F 27°C	32883	32883	2.9	30216	30216	3.6	29789	29789	3.7	28013	28013	4.1		
			86°F 30°C	34953	34953	2.9	31852	31852	3.6	31296	31296	3.7	30502	30502	4.0		
			75°F 24°C	35890	23345	3.0	31784	21468	3.6	31163	21241	3.7	29529	20412	4.0		
			81°F 27°C	35711	29320	2.9	32117	27632	3.6	31496	27335	3.7	29654	26575	4.0		
	0.1	66°F [19°C]	86°F 30°C	36198	34443	2.9	32234	32234	3.6	31555	31555	3.7	30441	30441	4.0		
			91°F 33°C	37040	37040	3.0	33815	33815	3.6	33213	33213	3.8	32155	32155	4.1		
			81°F 27°C	39670	23261	3.0	35299	21498	3.7	34874	21332	3.8	32948	20584	4.0		
			86°F 30°C	39897	28559	3.0	35373	26645	3.7	34910	26466	3.8	32948	32948	4.0		
			91°F 33°C	39971	33441	3.0	35715	31725	3.7	35040	31444	3.8	33298	33298	4.1		
			97°F 36°C	40382	39579	3.0	36188	36188	3.7	35469	35469	3.8	35080	35080	4.1		
1510	0.1	61°F [16°C]	70°F 21°C	33842	25212	3.0	29624	23100	3.6	28887	22745	3.8	27419	27419	4.1		
			75°F 24°C	33755	30811	3.0	30055	28993	3.6	29410	28736	3.8	28864	28864	4.1		
			81°F 27°C	35230	35230	3.0	31723	31723	3.7	31198	31198	3.8	30028	30028	4.1		
			86°F 30°C	37301	37301	3.0	33757	33757	3.7	33177	33177	3.8	31981	31981	4.1		
			75°F 24°C	36798	25275	3.0	32717	23449	3.7	31821	22994	3.8	30121	30121	4.1		
			81°F 27°C	36744	32085	3.0	32875	30345	3.7	32152	29907	3.8	30402	30402	4.1		
	0.1	66°F [19°C]	86°F 30°C	37276	37276	3.0	33830	33830	3.7	33240	33240	3.8	32095	32095	4.1		
			91°F 33°C	39420	39420	3.0	35890	35890	3.7	35233	35233	3.8	33993	33993	4.0		
			81°F 27°C	40661	25267	3.0	36440	23513	3.7	36109	23443	3.8	33708	33708	4.1		
			86°F 30°C	40922	31302	3.1	36234	29298	3.7	35962	29184	3.8	33773	33773	4.1		
			91°F 33°C	41230	37327	3.0	36511	34887	3.7	36040	34859	3.8	34307	34307	4.1		
			97°F 36°C	41892	41892	3.1	38493	38493	3.8	38170	38170	3.8	36653	36653	4.2		

**GROSS SYSTEMS PERFORMANCE DATA – SSPM-B043J**

Indoor		Outdoor Ambient Temperature, DB																																				
		95°F [35°C]				115°F [46°C]				118°F [48°C]				126°F [52°C]																								
		Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	WBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW																						
Air Flow - CFM	ESP - IWC [Pa]	WBE	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW																
																							1076	1.0	61°F [16°C]	70°F 21°C	36089	24258	3.5	32241	22379	4.3	31766	22133	4.4	29575	21072	4.8
																										75°F 24°C	36172	29360	3.5	32219	27366	4.3	31526	27002	4.4	29766	26152	4.8
																										81°F 27°C	36266	34981	3.5	33087	33087	4.3	31755	31755	4.4	30633	30633	4.8
																										86°F 30°C	37475	37475	3.5	34047	34047	4.3	33699	33699	4.5	32358	32358	4.8
																										75°F 24°C	39649	24359	3.5	35464	22467	4.3	34537	22049	4.5	32635	21222	4.9
																										81°F 27°C	39841	30558	3.5	35778	28718	4.3	34540	28073	4.5	32898	32898	4.9
																										86°F 30°C	39883	35483	3.5	35889	33702	4.3	34580	33021	4.5	32754	31923	5.0
																										91°F 33°C	40268	40017	3.5	36583	36583	4.3	35757	35757	4.5	34469	34469	4.9
																										81°F 27°C	43968	24260	3.6	39017	22300	4.5	38603	22076	4.7	36387	21189	5.1
																										86°F 30°C	44017	29387	3.6	39421	27568	4.5	38584	27252	4.7	36201	26318	5.1
																										91°F 33°C	44182	34535	3.7	39396	32595	4.5	38545	32283	4.7	36448	31344	5.1
			97°F 36°C	44375	40574	3.7	39477	38070	4.5	38852	37829	4.7	37315	37315	5.0																							
1400	0.3	61°F [16°C]	70°F 21°C	38057	27305	3.4	33819	25277	4.2	32931	24810	4.4	31077	31077	4.6																							
			75°F 24°C	38361	33516	3.4	34223	31505	4.3	33467	31148	4.4	31507	31507	4.7																							
			81°F 27°C	38714	38714	3.4	35267	35267	4.3	34856	34856	4.4	33239	33239	4.7																							
			86°F 30°C	41289	41289	3.5	37541	37541	4.3	36943	36943	4.5	35565	35565	4.8																							
			75°F 24°C	41789	27462	3.5	37405	25561	4.3	36642	25212	4.4	34105	34105	4.7																							
			81°F 27°C	41823	34886	3.5	37696	32869	4.3	36652	32556	4.4	33952	33952	4.8																							
			86°F 30°C	42000	40836	3.5	37804	37804	4.3	37060	37060	4.5	35668	35668	4.9																							
			91°F 33°C	43497	43497	3.5	40832	40832	4.3	39984	39984	4.6	39017	39017	4.9																							
			81°F 27°C	46051	27350	3.6	41240	25417	4.5	40570	25146	4.6	38380	38380	5.0																							
			86°F 30°C	46283	33691	3.6	40985	31546	4.5	40456	31331	4.6	38860	38860	5.0																							
			91°F 33°C	46330	39802	3.6	41426	37820	4.5	40639	37557	4.6	38873	38873	5.0																							
			97°F 36°C	46880	46561	3.6	42475	42475	4.5	41691	41691	4.7	40344	40344	5.0																							
1740	0.1	61°F [16°C]	70°F 21°C	39059	29472	3.5	34493	27327	4.3	34013	27197	4.5	31481	31481	4.8																							
			75°F 24°C	39311	36634	3.5	34793	34187	4.3	34051	33830	4.5	32532	32532	4.8																							
			81°F 27°C	41209	41209	3.5	37179	37179	4.4	36414	36414	4.6	34801	34801	4.9																							
			86°F 30°C	43659	43659	3.6	39679	39679	4.5	38965	38965	4.6	37029	37029	5.0																							
			75°F 24°C	42699	29707	3.6	37977	27505	4.3	37614	27483	4.5	34429	34429	4.8																							
			81°F 27°C	42986	38414	3.6	38511	36361	4.4	36937	35615	4.6	35196	35196	4.9																							
			86°F 30°C	43436	43436	3.6	39826	39826	4.4	38690	38690	4.6	37317	37317	5.0																							
			91°F 33°C	46114	46114	3.6	42357	42357	4.5	41131	41131	4.7	39743	39743	5.0																							
			81°F 27°C	47283	29753	3.7	42092	27542	4.6	41176	27264	4.7	39094	39094	5.0																							
			86°F 30°C	47100	36863	3.7	42429	34959	4.6	41489	34493	4.7	39556	39556	5.1																							
			91°F 33°C	47499	43945	3.7	42397	41955	4.6	41603	41131	4.8	39720	39720	5.0																							
			97°F 36°C	49375	49375	3.8	44452	44452	4.7	44740	44740	4.8	42893	42893	5.1																							

**GROSS SYSTEMS PERFORMANCE DATA – SSPM-A048J**

Indoor		Outdoor Ambient Temperature, DB															
		95°F [35°C]				115°F [46°C]				118°F [48°C]				126°F [52°C]			
		Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	WBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	
1287	1.0	61°F [16°C]	70°F 21°C	40713	27830	25825	4.7	35436	25308	4.8	33501	33501	4.8	33501	33501	4.8	
			75°F 24°C	41123	34152	31940	4.7	35839	31565	4.8	33625	33625	4.8	33625	33625	4.8	
			81°F 27°C	41487	41098	37080	4.7	36512	36512	4.8	34931	34931	4.8	34931	34931	4.8	
			86°F 30°C	43127	43127	39023	4.7	38726	38726	4.8	37242	37242	4.8	37242	37242	4.8	
		66°F [19°C]	75°F 24°C	44891	27994	25764	4.7	39176	25498	4.8	36662	24400	4.8	36662	24400	4.8	
			81°F 27°C	45279	35591	33375	4.7	39376	32874	4.8	36897	31800	4.8	36897	31800	4.8	
			86°F 30°C	45419	41655	39005	4.7	39462	38525	4.8	37955	37955	4.8	37955	37955	4.8	
			91°F 33°C	45975	45975	41625	4.7	40989	40989	4.9	39877	39877	4.9	39877	39877	4.9	
		72°F [22°C]	81°F 27°C	50353	28087	25901	4.7	43781	25524	4.9	41425	41425	4.9	41425	41425	4.9	
			86°F 30°C	50303	34302	32116	4.7	43820	31748	4.9	41812	41812	4.9	41812	41812	4.9	
			91°F 33°C	50413	40489	38269	4.7	43907	37904	4.9	41846	41846	4.9	41846	41846	4.9	
			97°F 36°C	50767	47846	45033	4.7	44464	44464	4.9	42963	42963	4.9	42963	42963	4.9	
1600	0.3	61°F [16°C]	70°F 21°C	43022	31185	28963	4.5	37481	28564	4.7	35011	35011	4.7	35011	35011	4.7	
			75°F 24°C	43122	38470	36171	4.5	37567	35832	4.7	35303	35303	4.7	35303	35303	4.7	
			81°F 27°C	44206	44206	40114	4.5	39347	39347	4.7	38191	38191	4.7	38191	38191	4.7	
			86°F 30°C	46914	46914	42806	4.6	42016	42016	4.7	40412	40412	4.7	40412	40412	4.7	
		66°F [19°C]	75°F 24°C	47438	31442	29032	4.6	40983	28649	4.7	38896	38896	4.7	38896	38896	4.7	
			81°F 27°C	47421	40323	37818	4.5	41070	37367	4.7	39520	39520	4.7	39520	39520	4.7	
			86°F 30°C	47524	46680	42765	4.5	42363	42363	4.7	40677	40677	4.7	40677	40677	4.7	
			91°F 33°C	49735	49735	45294	4.6	44407	44407	4.7	43269	43269	4.7	43269	43269	4.7	
		72°F [22°C]	81°F 27°C	52349	31312	28959	4.6	45865	28770	4.7	43356	43356	4.7	43356	43356	4.7	
			86°F 30°C	52773	36933	36555	4.6	45984	36196	4.7	43895	43895	4.7	43895	43895	4.7	
			91°F 33°C	52535	46227	43892	4.6	46396	43557	4.7	43746	43746	4.7	43746	43746	4.7	
			97°F 36°C	53082	53082	48559	4.6	47762	47762	4.8	46356	46356	4.8	46356	46356	4.8	
1921	0.1	61°F [16°C]	70°F 21°C	44002	33395	30964	4.6	38069	30541	4.8	35362	35362	4.8	35362	35362	4.8	
			75°F 24°C	44083	41792	38611	4.6	38289	38240	4.8	36359	36359	4.8	36359	36359	4.8	
			81°F 27°C	46471	46471	41743	4.7	41033	41033	4.8	39383	39383	4.8	39383	39383	4.8	
			86°F 30°C	49012	49012	44567	4.7	43888	43888	4.8	41905	41905	4.8	41905	41905	4.8	
		66°F [19°C]	75°F 24°C	48662	33691	30998	4.7	41461	30596	4.8	39224	39224	4.8	39224	39224	4.8	
			81°F 27°C	48500	43760	41173	4.7	41858	40728	4.8	39664	39664	4.8	39664	39664	4.8	
			86°F 30°C	49393	49393	44765	4.7	43837	43837	4.8	42155	42155	4.8	42155	42155	4.8	
			91°F 33°C	51935	51935	47329	4.7	46617	46617	4.9	45145	45145	4.9	45145	45145	4.9	
		72°F [22°C]	81°F 27°C	53619	33516	31144	4.7	46707	30925	4.8	43878	43878	4.8	43878	43878	4.8	
			86°F 30°C	53401	41971	39527	4.7	46521	39294	4.8	44200	44200	4.8	44200	44200	4.8	
			91°F 33°C	53986	50608	47636	4.7	46590	46509	4.9	44902	44902	4.9	44902	44902	4.9	
			97°F 36°C	55869	55869	50767	4.7	50049	50049	4.9	47580	47580	4.9	47580	47580	4.9	

# GROSS SYSTEMS PERFORMANCE DATA – SSPM-B060J

Indoor		Outdoor Ambient Temperature, DB															
		95°F [35°C]				115°F [46°C]				118°F [48°C]				126°F [52°C]			
		Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	DBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW	WBE	Total Capacity BTUH	Sensible Capacity BTUH	Power Input W	Total Capacity BTUH	Sensible Capacity BTUH	Power Input kW		
1618	1.0	53424	36146	4.9	70°F	47472	47472	5.9	61°F [16°C]	46441	32871	6071	44056	31771	6.6		
		53475	44220	4.9	75°F	47624	47624	5.8	75°F	46866	40951	6086	44444	39791	6.6		
		53592	53010	4.9	81°F	48709	48709	5.8	81°F	47502	47502	6090	45177	45177	6.5		
		55947	55947	4.9	86°F	50779	50779	5.8	86°F	50100	50100	6147	47769	47769	6.6		
		58224	35978	4.9	75°F	51985	51985	5.9	75°F	51088	32927	6118	48404	31797	6.5		
		58464	45882	4.9	81°F	52921	52921	5.9	81°F	51289	42640	6142	48921	41543	6.5		
		58556	53663	4.9	86°F	53125	53125	5.9	86°F	51436	49985	6123	49136	48753	6.6		
		58774	58774	4.9	91°F	54416	54416	5.9	91°F	53530	53530	6118	51865	51865	6.5		
		64564	35688	5.0	81°F	58053	33175	6.0	81°F	56683	32685	6161	53875	31610	6.7		
		65420	44291	5.0	86°F	58197	41523	6.0	86°F	57215	41131	6219	54006	39883	6.7		
		65495	52434	5.0	91°F	58465	49480	6.1	91°F	57364	49091	6202	54143	47761	6.7		
		65423	61654	5.0	97°F	58625	57967	6.0	97°F	57522	57434	6219	54791	54791	6.6		
55364	39378	4.7	70°F	49306	49306	5.7	70°F	48662	36274	5934	45761	34808	6.4				
55672	48577	4.7	75°F	49532	49532	5.7	75°F	48773	45214	5912	45982	43574	6.4				
56458	56458	4.7	81°F	51817	51817	5.7	81°F	50622	50622	5921	48062	48062	6.4				
59483	59483	4.7	86°F	54506	54506	5.7	86°F	53697	53697	5966	51072	51072	6.4				
60633	39413	4.8	75°F	54136	54136	5.7	75°F	52739	36026	5926	50440	50440	6.4				
60842	50536	4.8	81°F	55188	55188	5.7	81°F	53725	47358	5936	50634	50634	6.4				
60805	58771	4.8	86°F	55196	55196	5.7	86°F	53952	53952	5929	52361	52361	6.4				
62889	62889	4.8	91°F	58010	58010	5.7	91°F	56779	56779	5977	55195	55195	6.4				
66901	39099	4.8	81°F	60190	36564	5.9	81°F	58770	36036	6028	56143	56143	6.5				
67886	48944	4.8	86°F	60635	46081	5.9	86°F	60077	45851	5890	55688	43956	6.5				
67976	58090	4.9	91°F	60775	55229	5.9	91°F	59449	59449	5945	56697	56697	6.5				
68116	67813	4.8	97°F	61624	61624	5.9	97°F	61394	61394	5932	58599	58599	6.5				
56197	41613	4.9	70°F	49415	49415	5.8	70°F	49056	38385	6094	45944	36543	6.6				
56826	52328	4.9	75°F	50074	50074	5.9	75°F	49297	47955	6124	46299	46299	6.6				
58546	58546	4.9	81°F	53011	53011	5.9	81°F	52464	52464	6136	49709	49709	6.5				
62140	62140	5.0	86°F	56288	56288	5.9	86°F	55829	55828	6169	52983	52983	6.6				
61041	41450	4.9	75°F	54696	54696	5.9	75°F	53848	38386	6119	50567	50567	6.6				
61901	54457	5.0	81°F	55510	55510	5.9	81°F	54192	51139	6089	51470	51470	6.6				
61977	61977	5.0	86°F	56762	56762	5.9	86°F	56391	56391	6096	53208	53208	6.6				
65292	65292	5.0	91°F	60314	60314	5.9	91°F	58926	58926	6203	55606	55606	6.6				
68070	41562	5.0	81°F	60500	38611	6.1	81°F	60079	38445	6099	56562	56562	6.7				
68358	52250	5.0	86°F	60994	49304	6.1	86°F	60205	60205	6143	56920	56920	6.7				
69064	63089	5.1	91°F	61157	59032	6.1	91°F	60816	58795	6112	57216	57216	6.7				
69773	69773	5.1	97°F	64352	64352	6.2	97°F	64037	64037	6157	61231	61231	6.6				
2229	0.1	61901	54457	5.0	70°F	61977	61977	5.9	61°F [16°C]	56762	56762	6089	51470	51470	6.6		
		61977	61977	5.0	75°F	65292	65292	5.9	75°F	60314	60314	6096	53208	53208	6.6		
		68070	41562	5.0	81°F	60500	38611	6.1	81°F	60079	38445	6099	56562	56562	6.7		
		68358	52250	5.0	86°F	60994	49304	6.1	86°F	60205	60205	6143	56920	56920	6.7		
		69064	63089	5.1	91°F	61157	59032	6.1	91°F	60816	58795	6112	57216	57216	6.7		
		69773	69773	5.1	97°F	64352	64352	6.2	97°F	64037	64037	6157	61231	61231	6.6		

# 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 Side Discharge—Wet Coil										
					External Static Pressure—Inches W. C. [kPa]										
					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]	0.9 [0.22]	1.0 [0.25]	
2.0 [7.03]	Low (Tap 2)	700/900	10x9 1/4 HP [186] 2 Speed X-13 (ECM) Motor	Low (Tap 2)	CFM	939 [443]	877 [414]	816 [385]	754 [356]	693 [327]	631 [298]	570 [269]	508 [240]	447 [211]	—
					RPM	585	601	655	744	809	860	915	1001	1043	—
					Watts	131	116	97	110	121	126	136	149	152	—
2.5 [8.79]	Low (Tap 2)	875/1125	10x9 1/3 HP [249] 2 Speed X-13 (ECM) Motor	High (Tap 1)	CFM	1240 [585]	1184 [559]	1127 [532]	1071 [505]	1014 [479]	958 [452]	901 [425]	845 [399]	788 [372]	732 [345]
					RPM	607	634	698	761	815	860	946	989	1038	1091
					Watts	161	145	159	173	182	196	210	220	231	237
3.0 [10.55]	Low (Tap 2)	1050/1350	10x9 1/2 HP [373] 2 Speed X-13 (ECM) Motor	Low (Tap 2)	CFM	1169 [552]	1109 [523]	1049 [495]	988 [466]	928 [438]	868 [410]	807 [381]	747 [353]	687 [324]	626 [296]
					RPM	603	619	693	756	809	893	942	989	1034	1076
					Watts	144	130	138	151	159	174	185	195	199	209
3.5 [12.31]	Low (Tap 2)	1050/1350	10x9 1/2 HP [373] 2 Speed X-13 (ECM) Motor	High (Tap 1)	CFM	1365 [644]	1316 [621]	1266 [597]	1217 [574]	1168 [551]	1119 [528]	1069 [505]	1020 [481]	971 [458]	922 [435]
					RPM	631	677	732	784	843	894	942	1035	1077	1118
					Watts	177	190	204	218	234	247	256	279	289	294
3.5 [12.31]	Low (Tap 2)	1050/1350	10x9 1/2 HP [373] 2 Speed X-13 (ECM) Motor	Low (Tap 2)	CFM	1328 [627]	1280 [604]	1231 [581]	1183 [558]	1135 [536]	1086 [513]	1038 [490]	990 [467]	941 [444]	893 [421]
					RPM	648	697	752	807	857	903	989	1036	1077	1114
					Watts	178	191	206	220	233	246	265	277	286	291
3.5 [12.31]	Low (Tap 2)	1225/1575	11x9 1/2 HP [373] 2 Speed X-13 (ECM) Motor	High (Tap 1)	CFM	1510 [713]	1464 [691]	1418 [669]	1373 [648]	1327 [626]	1281 [605]	1235 [583]	1190 [562]	1144 [540]	1098 [518]
					RPM	707	743	792	841	890	942	981	1031	1114	1151
					Watts	248	261	277	292	307	322	334	348	366	358
3.5 [12.31]	Low (Tap 2)	1225/1575	11x9 1/2 HP [373] 2 Speed X-13 (ECM) Motor	Low (Tap 2)	CFM	1542 [728]	1490 [703]	1438 [679]	1386 [654]	1335 [630]	1283 [606]	1231 [581]	1180 [557]	1128 [532]	1076 [508]
					RPM	598	617	662	714	758	800	849	876	913	951
					Watts	244	231	237	254	270	285	304	313	326	340
4.0 [14.07]	Low (Tap 2)	1400/1800	11x9 3/4 HP [559] 2 Speed X-13 (ECM) Motor	High (Tap 1)	CFM	1740 [821]	1695 [800]	1649 [778]	1604 [757]	1558 [735]	1513 [714]	1467 [692]	1422 [671]	1376 [649]	1331 [628]
					RPM	632	665	709	749	797	833	879	917	951	981
					Watts	295	311	331	350	371	386	409	426	440	454
4.0 [14.07]	Low (Tap 2)	1400/1800	11x9 3/4 HP [559] 2 Speed X-13 (ECM) Motor	Low (Tap 2)	CFM	1701 [803]	1655 [781]	1609 [759]	1563 [738]	1517 [716]	1471 [694]	1425 [673]	1379 [651]	1333 [629]	1287 [607]
					RPM	624	648	696	743	787	826	863	895	934	970
					Watts	280	287	309	328	347	363	380	392	410	426
4.0 [14.07]	Low (Tap 2)	1400/1800	11x9 3/4 HP [559] 2 Speed X-13 (ECM) Motor	High (Tap 1)	CFM	1921 [907]	1878 [886]	1835 [866]	1792 [846]	1749 [825]	1706 [805]	1663 [785]	1620 [765]	1577 [744]	1534 [724]
					RPM	678	706	738	776	816	865	899	932	967	994
					Watts	385	400	416	439	458	484	501	517	537	550
5.0 [17.6]	Low (Tap 2)	1750/2250	11x9 3/4 HP [559] 2 Speed X-13 (ECM) Motor	Low (Tap 2)	CFM	1986 [937]	1945 [918]	1905 [899]	1864 [880]	1823 [860]	1782 [841]	1741 [822]	1700 [802]	1659 [783]	1618 [764]
					RPM	731	759	792	832	871	909	943	979	1014	1055
					Watts	446	458	477	499	521	543	562	582	600	621
5.0 [17.6]	Low (Tap 2)	1750/2250	11x9 3/4 HP [559] 2 Speed X-13 (ECM) Motor	High (Tap 1)	CFM	2229 [1052]	2190 [1034]	2152 [1016]	2114 [998]	2075 [979]	2037 [961]	1999 [943]	1960 [925]	1922 [907]	1884 [889]
					RPM	795	824	851	882	919	952	983	1013	1045	1077
					Watts	619	638	658	680	703	724	745	764	784	804

[ ] Designates Metric Conversions

### ELECTRICAL DATA – SSPM SERIES

		A024JK000030	A030JK000030	B036JK000030	B043JK000030	A048JK000030	B060JK000030
<b>Unit Information</b>	Unit Operating Voltage Range	209-242	209-242	209-242	209-253	209-242	209-242
	Volts	220-230	220-230	220-230	220-230	220-230	220-230
	Minimum Circuit Ampacity	23	24	27	30	35	43
	Minimum Overcurrent Protection Device Size	30	30	35	35	40	50
	Maximum Overcurrent Protection Device Size	35	35	40	45	50	60
<b>Compressor Motor</b>	No.	1	1	1	1	1	1
	Volts	220-230	220-230	220-230	220-230	220-230	220-230
	Phase	1	1	1	1	1	1
	RPM	3450	3450	3450	3450	3450	3450
	HP	2	2 1/2	3	3 1/2	4	4 1/2
	Amps (RLA)	15	15.7	18.6	17.9	22.1	29.4
	Amps (LRA)	58.3	73	96.7	112	109	134
<b>Condenser Motor</b>	No.	1	1	1	1	1	1
	Volts	220-230	220-230	220-230	220-230	220-230	220-230
	Phase	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	1.5	1.5	1.5	1.5	1.9	1.9
	Amps (LRA)	3	3	3	3	4	4
<b>Evaporator Fan</b>	No.	1	1	1	1	1	1
	Volts	220-230	220-230	220-230	220-230	220-230	220-230
	Phase	1	1	1	1	1	1
	HP	1/4	1/3	1/2	1/2	3/4	3/4
	Amps (FLA, each)	4.1	4.1	4.1	6	6	7.6
	Amps (LRA, each)	NA	NA	NA	NA	NA	NA

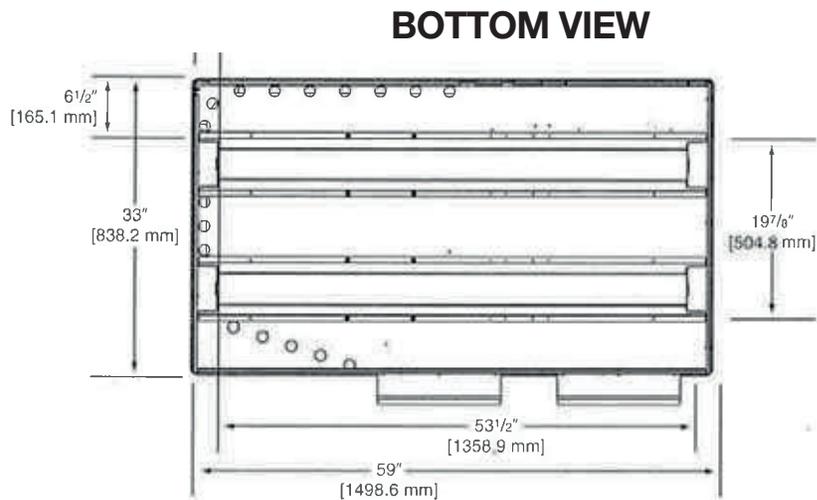
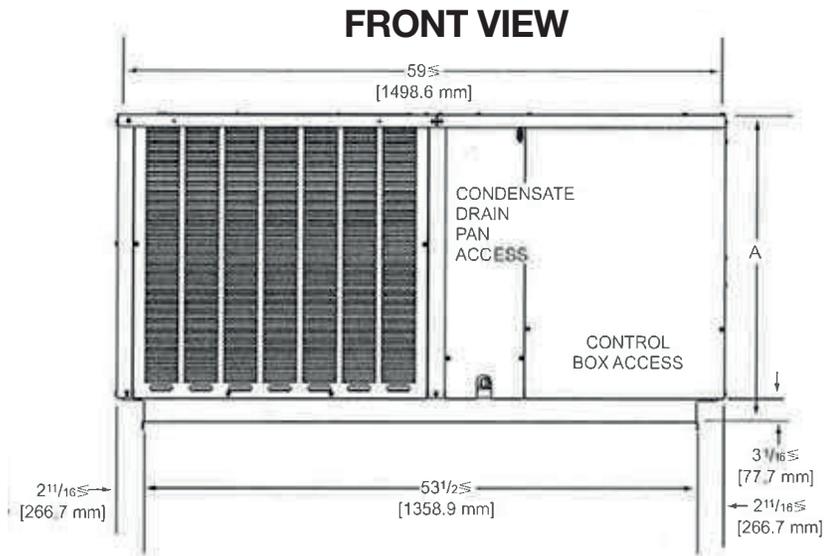
NA = Not applicable, Constant Torque ECM (Electronically Commutated Motor)

## 208-240 VOLT, SINGLE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION

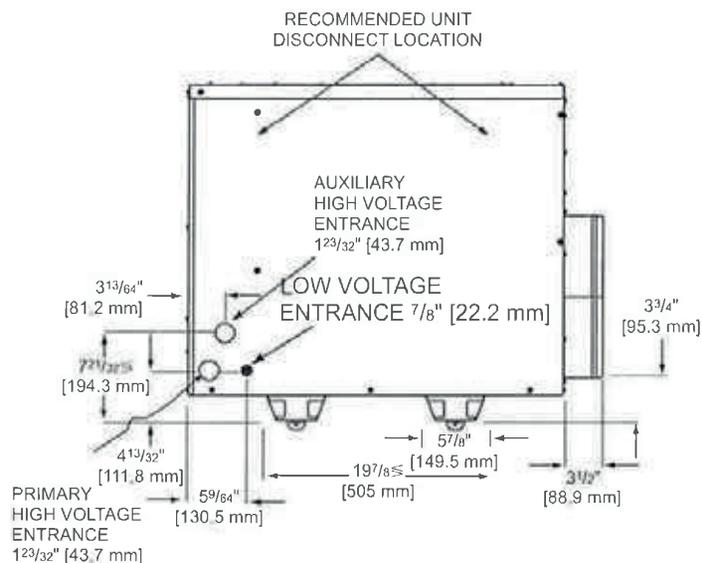
Single Power Supply For Both Unit and Heater Kit										Separate Power Supply For Both Unit and Heater Kit										
Unit Model No. SSPM-	Heater Kit										Heater Kit									
	RXQJ-C Heater Kit Nominal kW	No. of Elements	No. of Sequence Steps	Rated Heater kW @ 208-240 V	Heater KBTU/Hr @ 208-240 V	Heater Amp. @ 208-240 V	Unit Min. Ckt. Ampacity @ 208-240 V	Over Current Protective Device Size @ 240 V		Min. Circuit Ampacity 208-240 V	Over Current Protective Device Size @ 208 V									
								Min./Max.	Min./Max.		Min./Max.	Min./Max.								
A024J	No Heat	—	—	—	—	—	23/23	30/35	30/35	—	23/23	30/35	30/35							
	05J	1	1	3.6/4.8	12.28/16.38	17.33/20	27/31	30/35	35/35	22/25	25/25	—	—							
	07J	1	1	5.4/7.2	18.42/24.56	26/30	38/43	40/40	45/45	33/38	35/40	—	—							
	10J	2	1	7.2/9.6	24.57/32.76	34.7/40	49/56	50/50	60/60	44/50	45/50	—	—							
A030J	No Heat	—	—	—	—	—	24/24	30/35	30/35	—	24/24	30/35	30/35							
	05J	1	1	3.6/4.8	12.28/16.38	17.33/20	27/31	30/35	35/35	22/25	25/25	—	—							
	07J	1	1	5.4/7.2	18.42/24.56	26/30	38/43	40/40	45/45	33/38	35/40	—	—							
	10J	2	1	7.2/9.6	24.57/32.76	34.7/40	49/56	50/50	60/60	44/50	45/50	—	—							
B036J	No Heat	—	—	—	—	—	71/81	80/80	90/90	65/75	70/80	—	—							
	05J	1	1	3.6/4.8	12.28/16.38	17.33/20	27/31	35/40	35/40	22/25	25/25	—	—							
	07J	1	1	5.4/7.2	18.42/24.56	26/30	38/43	40/40	45/45	33/38	35/40	—	—							
	10J	2	1	7.2/9.6	24.57/32.76	34.7/40	49/56	50/50	60/60	44/50	45/50	—	—							
B043J	No Heat	—	—	—	—	—	71/81	80/80	90/90	65/75	70/80	—	—							
	05J	1	1	3.6/4.8	12.28/16.38	17.33/20	27/31	35/45	35/45	22/25	25/25	—	—							
	07J	1	1	5.4/7.2	18.42/24.56	26/30	38/43	40/40	45/45	33/38	35/40	—	—							
	10J	2	1	7.2/9.6	24.57/32.76	34.7/40	49/56	50/50	60/60	44/50	45/50	—	—							
A048J	No Heat	—	—	—	—	—	95/108	100/100	110/110	87/100	90/100	—	—							
	05J	1	1	3.6/4.8	12.28/16.38	17.33/20	30/30	35/45	40/50	—	—	35/35	40/50							
	07J	1	1	5.4/7.2	18.42/24.56	26/30	40/45	40/40	45/45	22/25	25/25	—	—							
	10J	2	1	7.2/9.6	24.57/32.76	34.7/40	51/58	60/60	60/60	33/38	35/40	—	—							
B060J	No Heat	—	—	—	—	—	95/108	100/100	110/110	87/100	90/100	—	—							
	05J	1	1	3.6/4.8	12.28/16.38	17.33/20	43/43	50/60	50/60	—	—	43/43	50/60							
	07J	1	1	5.4/7.2	18.42/24.56	26/30	43/47	50/60	50/60	22/25	25/25	—	—							
	10J	2	1	7.2/9.6	24.57/32.76	34.7/40	53/60	60/60	60/60	33/38	35/40	—	—							

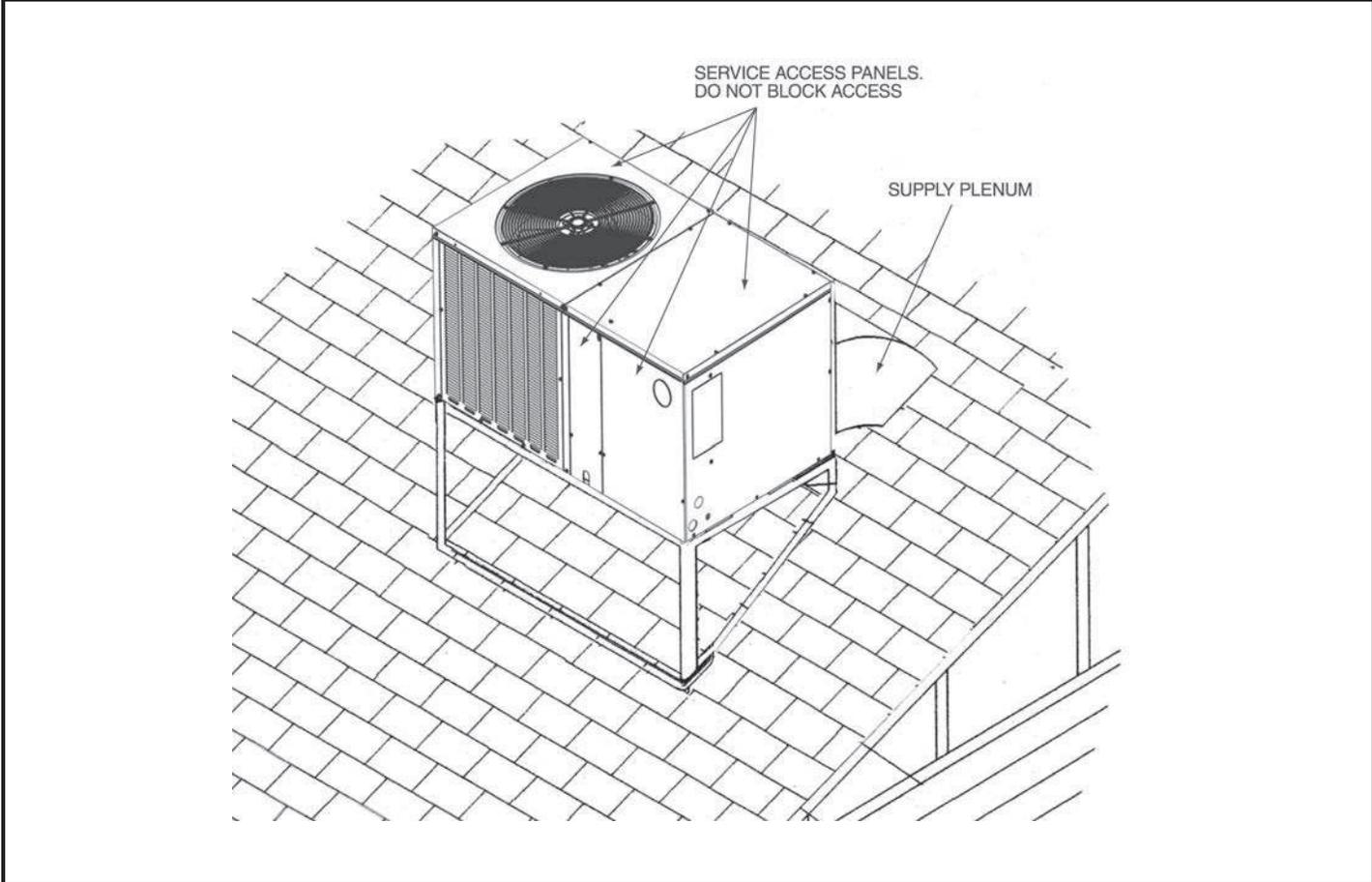
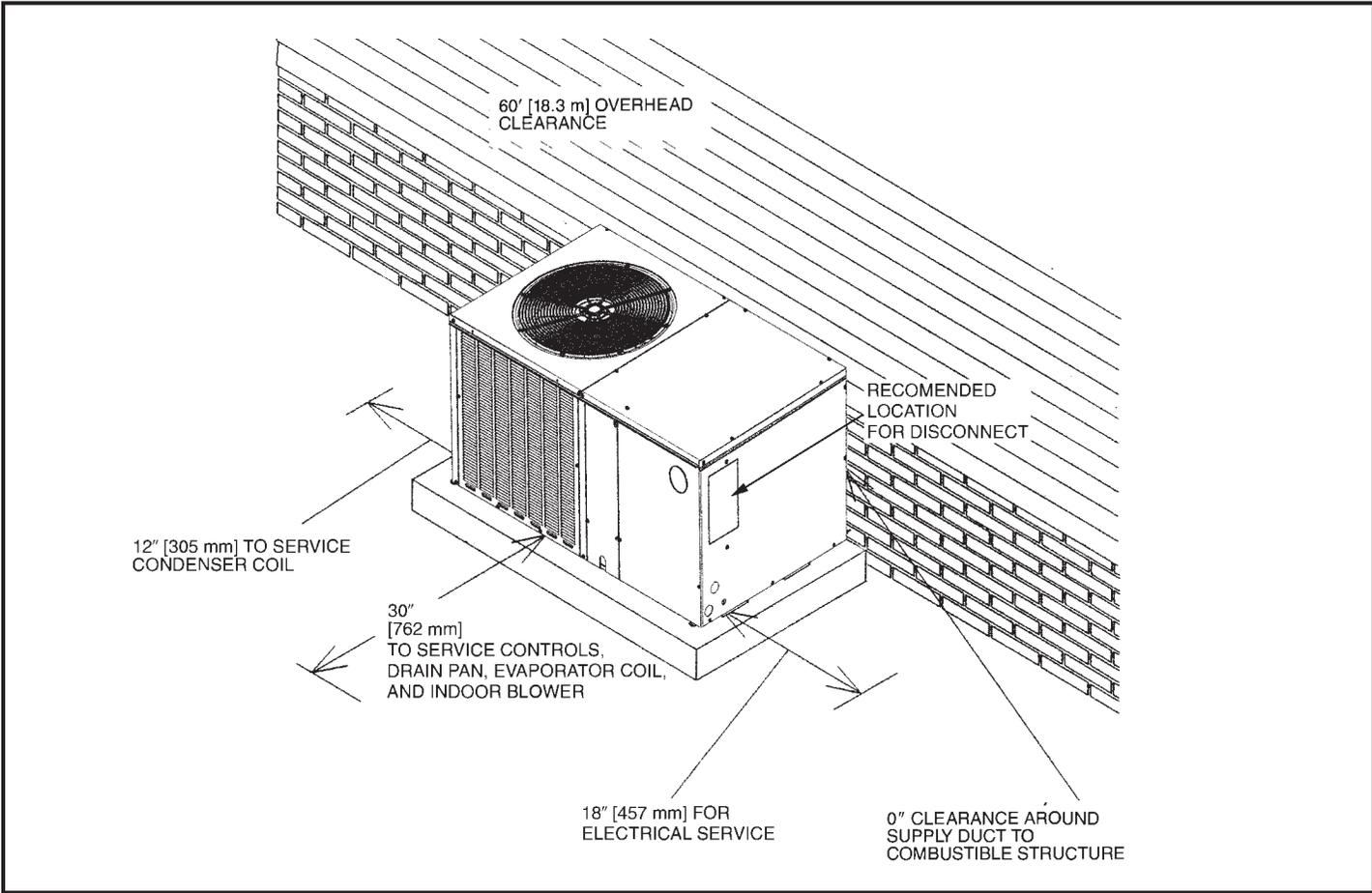
## DIMENSIONS

Model	Height "A"
024, 030, 036, 043	29 1/8" [739.8 mm]
048, 060	37 1/8" [943.0 mm]



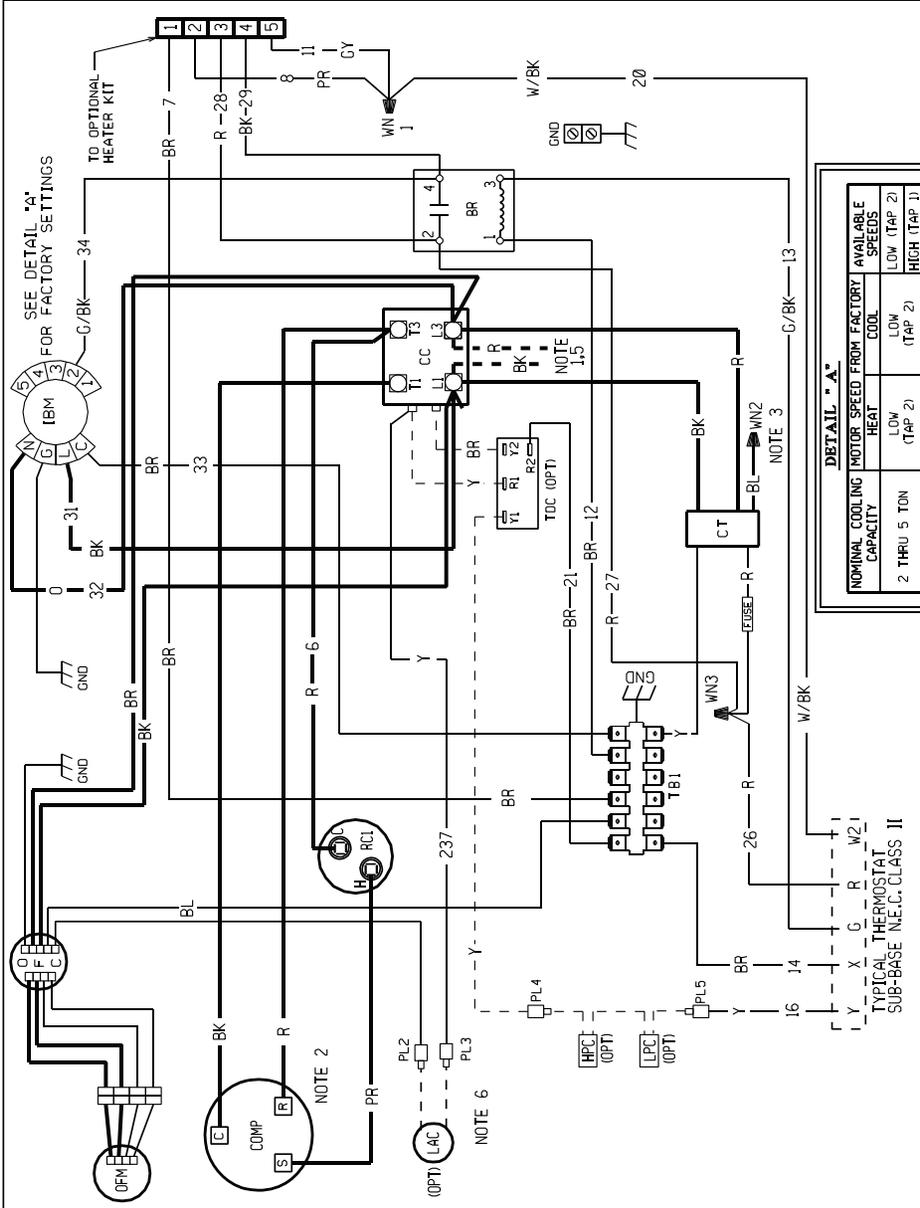
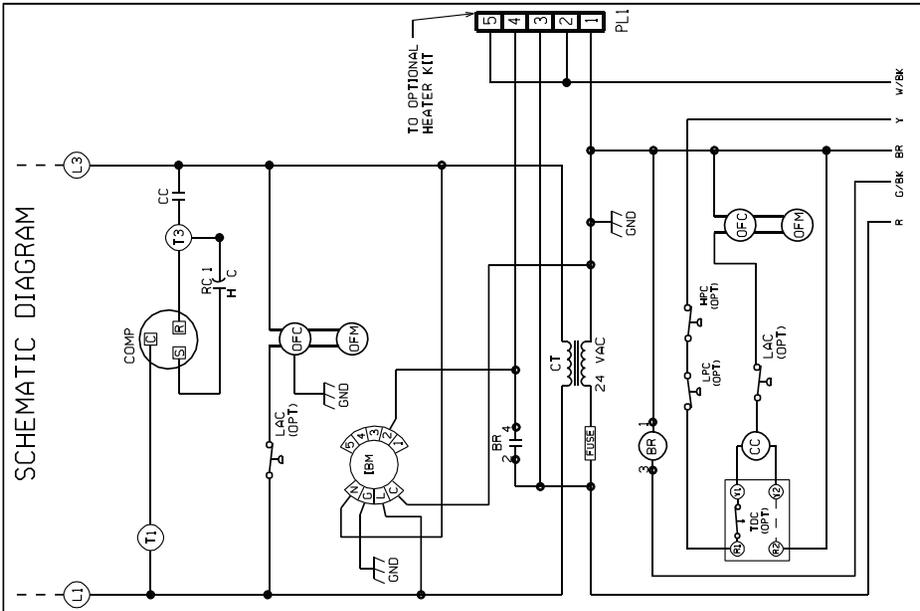
## ELECTRICAL CONNECTIONS





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## SCHEMATIC DIAGRAM



## WIRE COLOR CODE

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

**ELECTRICAL WIRING DIAGRAM**  
**PACKAGE AIR CONDITIONER**  
 WITH INDOOR X-MOTOR AND OUTDOOR REMOTE CONTROL ECM  
 1 PH, 208-230 VOLT - 60 HZ

## 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.)
- CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE.

## NOTES:

- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
- COMPRESSOR MOTOR THERMALLY PROTECTED.
- TRANSFORMER FACTORY WIRED FOR 230 VOLTS. USE RED AND BLUE LEADS FOR 208 VOLTS.
- MOTOR FACTORY WIRED FOR LOW SPEED. SEE AIRFLOW TABLES IN INSTALLATION INSTRUCTIONS TO DETERMINE CORRECT SPEED FOR UNIT APPLICATION.
- FIELD WIRING OR CONNECTION FROM HEATER KIT FUSE BLOCK.
- PL2 & PL3 ARE CONNECTED WHEN LAC IS NOT PRESENT.

## COMPONENT CODE

- AUX. LIMIT CONTROL
- BLOWER RELAY
- COMPRESSOR CONTACTOR
- CRANKCASE HEATER
- COMPRESSOR
- CONTROL TRANSFORMER
- GND
- HIGH PRESSURE CONTROL
- INDOOR BLOWER MOTOR
- LAC
- LOW AMBIENT COOLING CONTROL
- OUTDOOR FAN MOTOR
- OUTDOOR FAN MOTOR OPTIONAL
- PL PLUG
- RUN CAPACITOR
- TERMINAL BLOCK
- TIME DELAY CONTROL WIRE NUT
- DEF
- OFM
- OPT
- PL
- RC
- TB
- TBC
- TFC

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INTEGRATED AIR & WATER

FORM NO. : EXS11-950 Rev-06