

SUBMITTAL COVER SHEET

PROJECT NAME		_
LOCATION		_
ARCHITECT		_
ENGINEER		_
CONTRACTOR		_
SUBMITTED BY	DATE	-
	UNIT SUMMARY	
Quantity		
Unit Designation		
Model No.		
Total Cooling		
Sensible Cooling		
Air Ent. Evaporator		
Air Lvg. Evaporator		
Heating Input		
Heating Output		
CFM/ESP		
EER/SEER		
Electrical		
Minimum Ampacity		
MinMax. Breaker		
Net Unit Weight		
Accessory		
Catalog Form Number		
ACCESSORIES:	NOTES:	

SUBMITTAL SHEET FOR SP16 2, 3, 4 AND 5 NOMINAL TON [7.03, 10.6, 14.06 AND 17.6 kW] EFFICIENCIES: 14-16 SEER/11.5-13 EER HEAT PUMPS

JOB NAME			LOCATION
CONTRACTOR			ORDER NO
ENGINEER			UNIT MODEL NO
SUBMITTED FOR	☐ APPROVAL	□ RECORD	COIL MODEL NO.
DATE			AIR HANDLER MODEL NO

UNIT DATA

COOLING PERFORMANCE

E	FFICIENCY	SEER
Т	OTAL CAPACITY*	_MBH [kW]
S	ENSIBLE CAPACITY*	_MBH [kW]
C	OUTDOOR DESIGN TEMP	°F [°C] DB
Т	EMP. OF AIR ENTERING EVAPORATOR COIL	- °F [°C] DB
		°F [°C] WB
-	OWER INPUT REQUIREMENT	kW

HEATING PERFORMANCE

EFFICIENCY HSPF
TOTAL CAPACITY* MBH [kW]
OUTDOOR DESIGN TEMP °F [°C] DB
TEMP. OF AIR ENTERING EVAPORATOR COIL

SUPPLY AIR BLOWER PERFORMANCE

TOTAL AIR SUPPLY CFM [L/s]
TOTAL RESISTANCE EXTERNAL TO UNITIWG
BLOWER SPEEDRPM
POWER OUTPUT REQUIREMENT BHP
MOTOR RATING HP [W]
POWER INPUT REQUIREMENT kW

ELECTRICAL DATA

POWER SUPPLY	Hz
TOTAL UNIT AMPACITY	AMPS
MINIMUM WIRE SIZE	_ AWG
MAXIMUM OVERCURRENT DEVICE FUSES/HACR BREAKER	AMPS

CLEARANCES

ACCESS SIDE	24" [609.6 mm]				
AIR INLETS	12" [304.8 mm]				
ABOVE UNIT	60" [1524 mm]				

FEATURES FOR SP16 HEAT PUMP UNITS

- New composite base pan dampens sound, secures wire grille, eliminates corrosion and reduces number of fasteners needed
- Improved tubing design reduces vibration and stress, making unit quieter and reducing opportunity for leaks
- Optimized defrost characteristics decrease defrosting and provide better home comfort
- Powder coat paint finish for a long lasting professional finish
- Optimized reversing valve sizing improves shifting performance for quieter unit operation and increased life of the system
- Enhanced mufflers help to dissipate vibration energy for quieter unit operation
- Scroll compressor a sound abating feature added to the compressor significantly reduces noise when system transitions in and out of defrost mode
- Modern cabinet aesthetics increased curb appeal with visually appealing design
- Wire grille provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity
- Optimized fan orifice optimizes airflow and reduces unit sound
- Rust resistant screws confirmed through 1500-hour salt spray testing
- 3"-4"-5" service valve space provides a minimum working area of 27-square inches for easier access
- Integrated heat pump lift receptacle allows standard CPVC stands to be inserted into the base
- 15" wide, industry leading corner service access makes repairs easier and faster.
- External gauge port access allows easy connection of "low-loss" gauge ports
- Single-row condenser coil makes unit lighter and allows thorough coil cleaning to maintain "out
 of the box" performance
- Fewer cabinet fasteners and fastener-free base allow for faster access to internal components and hassle-free panel removal
- Service trays hold fasteners or caps during service calls
- QR code provides technical information on demand for faster service calls
- Fan motor harness with extra-long wires allows unit top to be removed without disconnecting fan wire

ACCESSORIES/OPTIONS

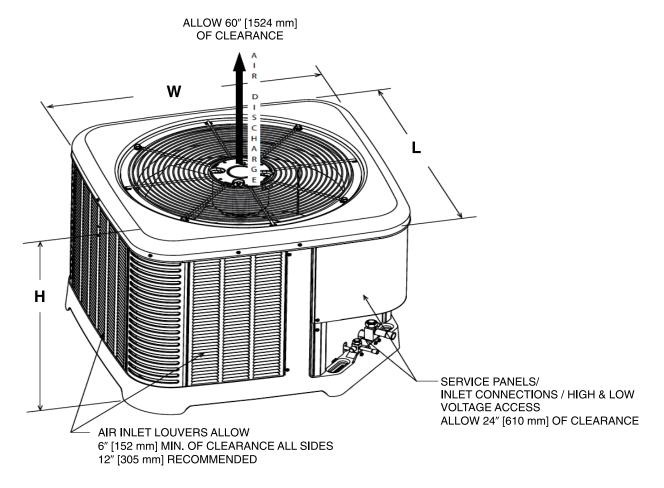
Compressor Crankcase Heater
Low Ambient Control (Model No. RXAD-A08)
Compressor Sound Cover
Compressor Hard Start Kit
Classic Top Cap w/label (91-101123-21)
Low Pressure Control (RXAC-A07)
High Pressure Control (RXAB-A07)
Heat Pump Riser 6 in (686020)











ST-A1226-02-00

Unit Dimensions

	OPERATING					SHIPPING						
MODEL NUMBER	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)	
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
SP1624	31	787	33.75	857	33.75	857	33.32	846	37.64	956	37.56	954
SP1636	35	889	33.75	857	33.75	857	38.35	974	37.64	956	37.56	954
SP1648	45	1143	35.75	908	35.75	908	48.18	1223	39.37	999	39.64	1006
SP1660	45	1143	35.75	908	35.75	908	48.18	1223	39.37	999	39.64	1006

[] Designates Metric Conversions

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

Sure Comfort® Heating and Cooling P.O. Box 17010, Fort Smith, AR 72917

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