



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							
Min.-Max. Breaker							
Net Unit Weight							
Accessory							
Catalog Form Number							
<b>ACCESSORIES:</b>	<b>NOTES:</b>						

# Vantix® Line SA18AZ iM Air Conditioner

## Cooling Efficiencies up to: 20.0 SEER2 / 13 EER2

### Nominal Sizes: 2 to 5 Ton [7.0 to 17.6 kW]

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

EFFICIENCY ..... SEER  
 TOTAL CAPACITY\* ..... MBH [kW]  
 SENSIBLE CAPACITY\* ..... MBH [kW]  
 OUTDOOR DESIGN TEMP. .... °F [°C] DB  
 TEMP. OF AIR ENTERING  
 EVAPORATOR COIL ..... °F [°C] DB  
 ..... °F [°C] WB  
 POWER INPUT REQUIREMENT ..... kW  
 (\*uses blower motor heat)

##### HEATING PERFORMANCE

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

##### SUPPLY AIR BLOWER PERFORMANCE

TOTAL AIR SUPPLY ..... CFM [L/s]  
 TOTAL RESISTANCE EXTERNAL  
 TO UNIT ..... IWG  
 BLOWER SPEED ..... RPM  
 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

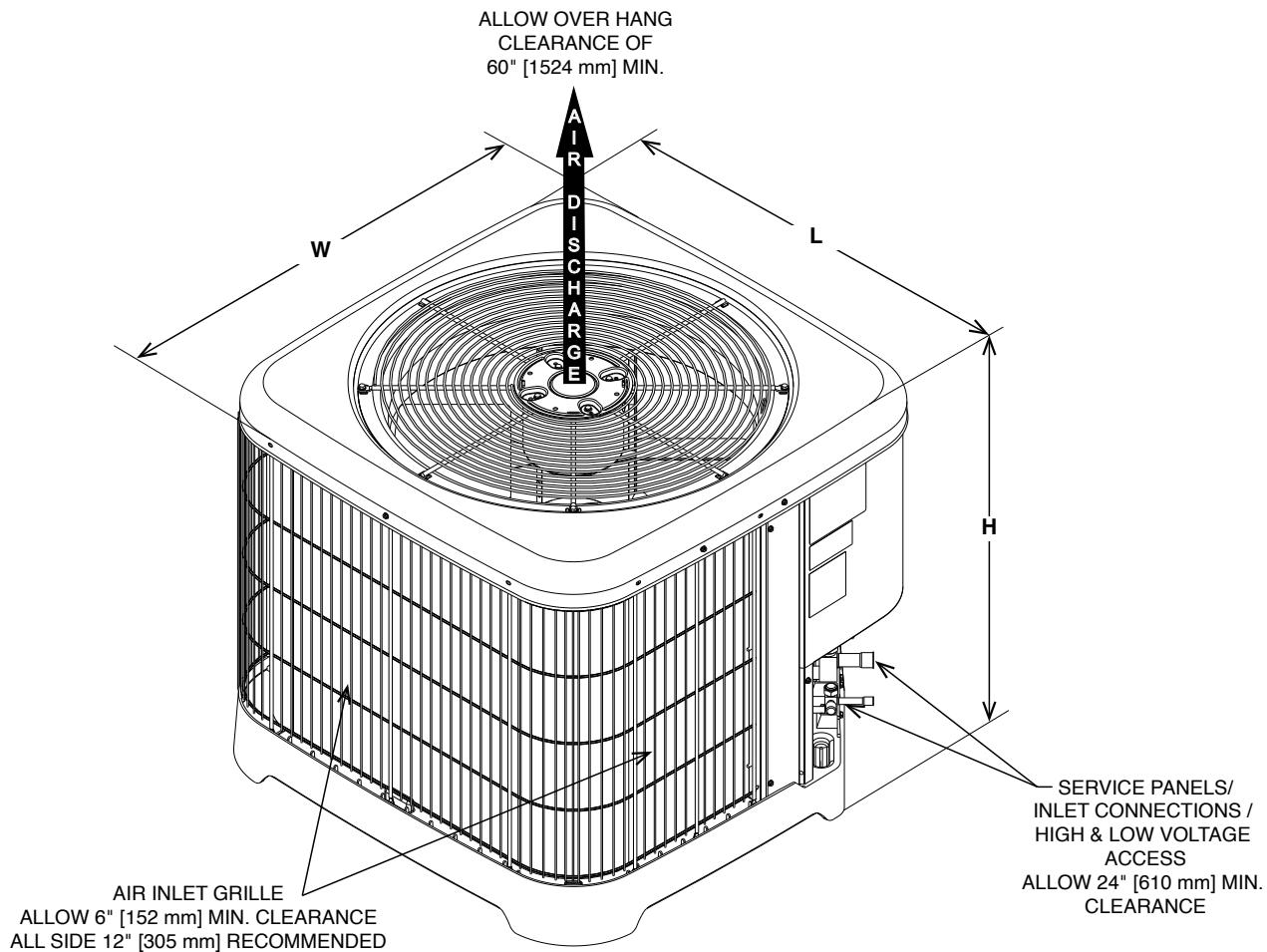
- EcoNet® Enabled:** Automatic system configuration and optimization
- Diagnostics & Bluetooth®<sup>1</sup> Connectivity:** With the Contractor and EcoNet Apps, built-in technology makes advanced set-up, monitoring, troubleshooting, and repairing the product easier than ever before
- Brushless DC Condenser Motors (BLDC):** Enhances reliability and allows for easier serviceability
- Swept Wing Fan Technology:** Features quieter operation and improved unit acoustics
- Expanded Value Space:** 3 in. – 4 in. – 5 in. service valve space—provides a minimum working area of 27-square inches for easier access
- Triple Service Access:** 15 in. wide, industry leading corner service access, two fastener, removeable corner and individual louver panels – makes repairs easier and faster

#### ACCESSORIES/OPTIONS

Compressor Sound Cover .....   
 EcoNet Smart Thermostat .....   
 Supply/Return Sensor .....



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ST-A1226-24-00

## Unit Dimensions

MODEL NO.	OPERATING						SHIPPING					
	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)	
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
SA18AZ24AJVCA	39	990	33.75	857	33.75	857	41.56	1055	37.64	956	37.56	954
SA18AZ36AJVCA	39	990	33.75	857	33.75	857	41.56	1055	37.64	956	37.56	954
SA18AZ48AJVCA	51	1295	35.75	908	35.75	908	53.56	1360	39.37	999	39.64	1006
SA18AZ60AJVCA	51	1295	35.75	908	35.75	908	53.56	1360	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.

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

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