



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						

**ACCESSORIES:**

**NOTES:**

# Vantix™ Line SA13NZ iM Air Conditioners

## Cooling Efficiencies up to: 15.2 SEER2/12 EER2

### Nominal Sizes: 1.5 to 5 Ton [5.3 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]

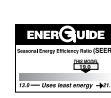
ABOVE UNIT 60" [1524 mm]

#### FEATURES

- **7 mm Condenser Copper Coil:** Requires less refrigerant allowing for a smaller and lighter footprint while enhancing reliability
- **Expanded Valve 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, makes repairs easier and faster

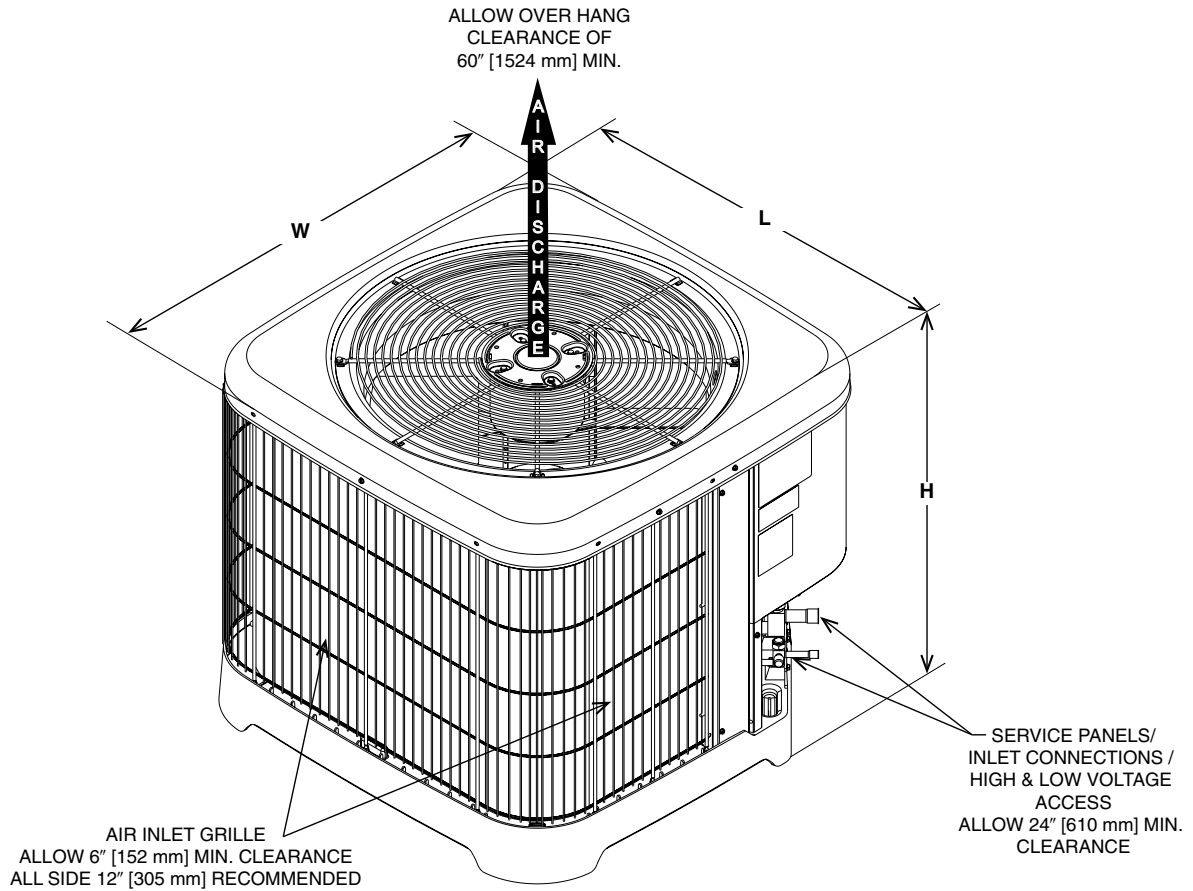
#### ACCESSORIES/OPTIONS

- 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) .....
- Compressor Time Delay.....
- Low Pressure Control .....
- High Pressure Control.....
- Liquid Line Solenoid (24 VAC, 50/60 Hz) .....
- Liquid Line Solenoid (120/240 VAC, 50/60 Hz) .....



*\*Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your Contractor for details or visit [www.energystar.gov](http://www.energystar.gov).*

**SA13NZ**



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
SA13NZ18	25.00	635	29.75	756	29.75	756	26.50	673	32.38	822	32.38	822
SA13NZ24	25.00	635	33.75	857	33.75	857	26.50	673	36.38	924	36.38	924
SA13NZ30	25.00	635	33.75	857	33.75	857	26.50	673	36.38	924	36.38	924
SA13NZ36	25.00	635	33.75	857	33.75	857	26.50	673	36.38	924	36.38	924
SA13NZ42	27.00	686	33.75	857	33.75	857	28.50	724	36.38	924	36.38	924
SA13NZ48	39.00	991	35.75	908	35.75	908	40.50	1029	38.38	975	38.38	975
SA13NZ60	45.00	1143	35.75	908	35.75	908	46.50	1181	38.38	975	38.38	975

[ ] 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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