



FRIEDRICH

1 8 8 3

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:

Endeavor® Line FRA13NZ 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]

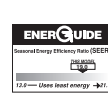
ABOVE UNIT 60" [1524 mm]

FEATURES

- **7 mm Condenser Copper Coil:** Requires less refrigerant allowing for a smaller and lighter footprint while enhancing reliability
- **PlusOne® Expanded Valve Space:** 3 in. – 4 in. – 5 in. service valve space—provides a minimum working area of 27-square inches for easier access
- **PlusOne® Triple Service Access:** 15 in. wide, industry leading corner service access, two fastener, removeable corner and individual louver panels - makes repairs easier and faster

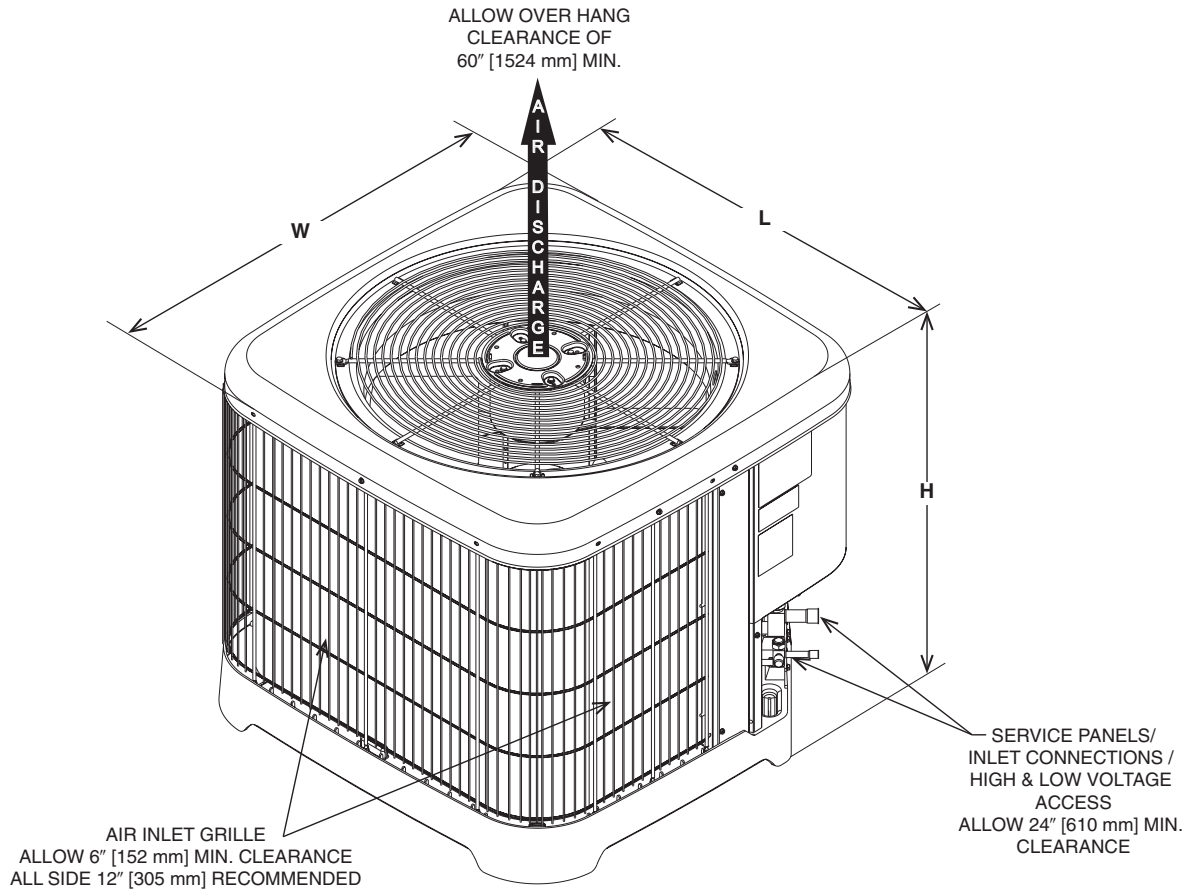
ACCESSORIES/OPTIONS

- Compressor 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.*

FRA13NZ



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
FRA13NZ18	25.00	635	29.75	756	29.75	756	26.50	673	32.38	822	32.38	822
FRA13NZ24	25.00	635	33.75	857	33.75	857	26.50	673	36.38	924	36.38	924
FRA13NZ30	25.00	635	33.75	857	33.75	857	26.50	673	36.38	924	36.38	924
FRA13NZ36	25.00	635	33.75	857	33.75	857	26.50	673	36.38	924	36.38	924
FRA13NZ42	27.00	686	33.75	857	33.75	857	28.50	724	36.38	924	36.38	924
FRA13NZ48	39.00	991	35.75	908	35.75	908	40.50	1029	38.38	975	38.38	975
FRA13NZ60	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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