RELY ON

RUUD™

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 RA13NZ 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) ..... ☐

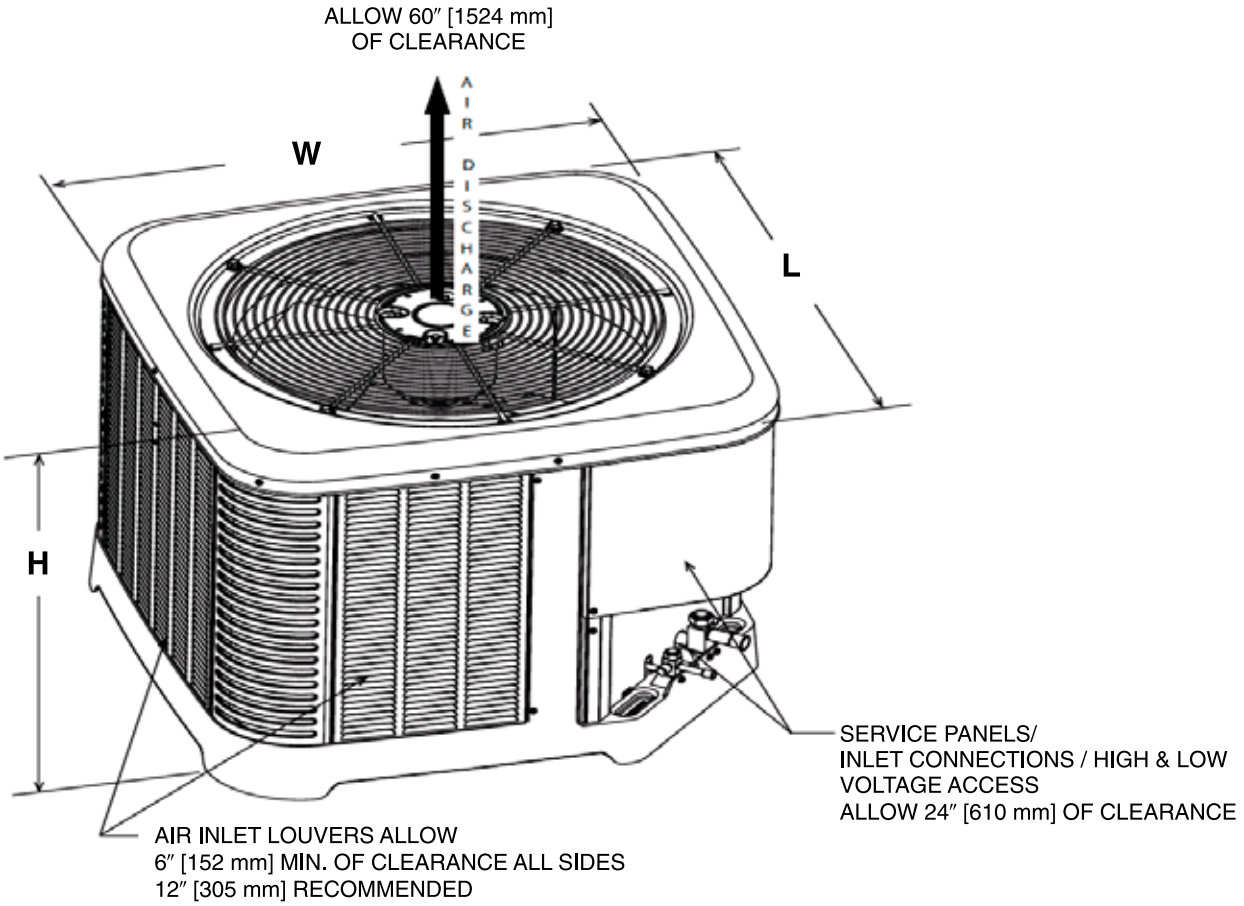
ISO 9001:2015

ENERGUIDE Seasonal Energy Efficiency Ratio (SEER) 15.2 13.0 — Uses least energy → 21.0

c UL us LISTED

AHRI CERTIFIED™ www.ahridirectory.org Unitary Small AC AHRI Standard 210/240

RA13NZ



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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
RA13NZ18	25.00	635	29.75	756	29.75	756	26.50	673	32.38	822	32.38	822
RA13NZ24	25.00	635	33.75	857	33.75	857	26.50	673	36.38	924	36.38	924
RA13NZ30	25.00	635	33.75	857	33.75	857	26.50	673	36.38	924	36.38	924
RA13NZ36	35.00	889	33.75	857	33.75	857	36.50	673	36.38	924	36.38	924
RA13NZ42	27.00	686	33.75	857	33.75	857	28.50	724	36.38	924	36.38	924
RA13NZ48	39.00	991	35.75	908	35.75	908	40.50	1029	38.38	975	38.38	975
RA13NZ60	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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