



engineered for life™

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 WA14AY iC Air Conditioners

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

## Nominal Sizes: 1.5 to 5 Tons [5.28 to 17.6 kW]

## Cooling Capacities: 17.1 to 55.5 kBTU [5.0 to 16.3 kW]

## Refrigerant Type: R-454B

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

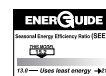
- **Fully Louvered Steel Cabinet:** Features durable construction to add protection from yard hazards, weather corrosion
- **Optimized 7mm Coil Design:** Allows for improved airflow, heat transfer and energy consumption
- **Easily Accessible Control Box:** Ease of installation and serviceability
- **PlusOne® Refrigerant Detection System™1:** An integrated one-box, patented design featuring the A2L sensor and mitigation board, offering easier commissioning with a single component and simplified wiring configuration, compatibility with any 24V thermostat application and system protection by automatically pausing outdoor unit operation — if excess refrigerant is detected

### ACCESSORIES/OPTIONS

- Compressor Crankcase Heater .....
- Low Ambient Control .....
- Compressor Sound Cover .....
- Compressor Hard Start Kit .....
- 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) .....

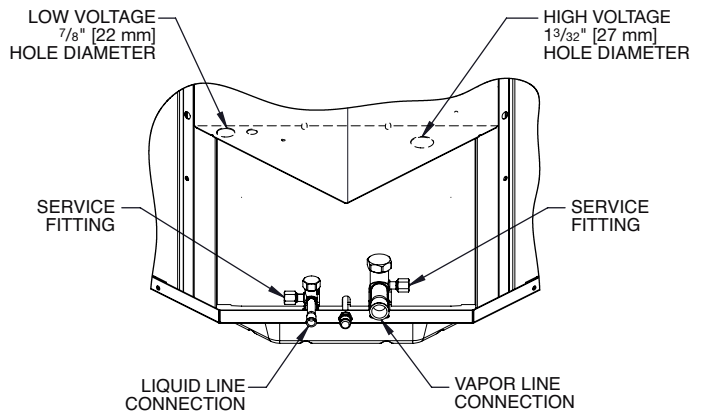
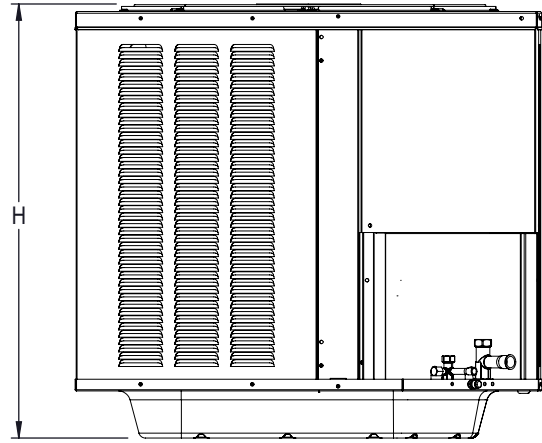
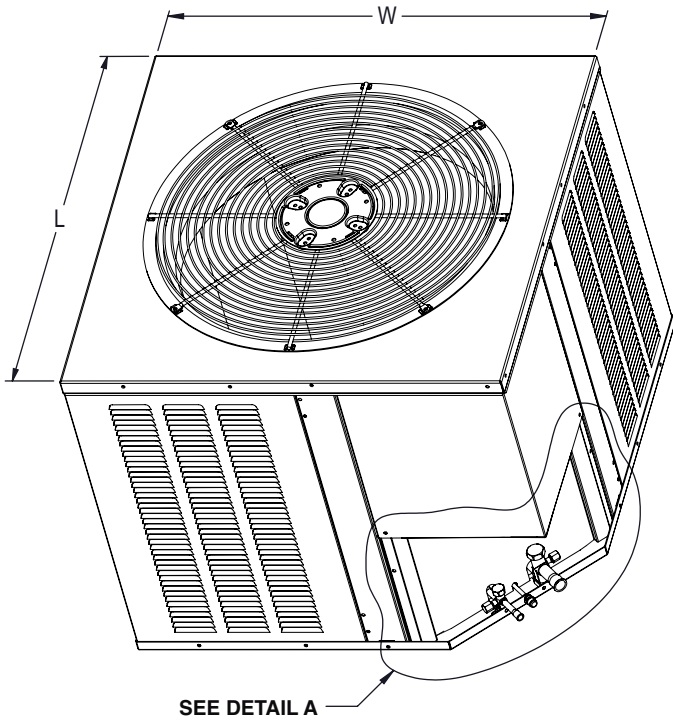


9001:2015



<sup>1</sup>Factory or field installed in the furnace coil or air handler and is applicable to the complete heating and cooling system featuring Low GWP Refrigerant (A2L).

# WA14AY



ST-A1331-01

**NOTE:** Illustrations show the deep drawn basepan.

## 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
WA14AY18	25.17	639	29.54	750	29.54	750	27.06	687	32.63	829	32.63	829
WA14AY24	25.17	639	33.66	855	33.66	855	27.06	687	36.63	930	36.63	930
WA14AY30	25.17	639	33.66	855	33.66	855	27.06	687	36.63	930	36.63	930
WA14AY36	25.17	639	33.66	855	33.66	855	27.06	687	36.63	930	36.63	930
WA14AY42	35.17	893	33.66	855	33.66	855	37.06	941	36.63	930	36.63	930
WA14AY48	35.17	893	33.66	855	33.66	855	37.06	941	36.63	930	36.63	930
WA14AY60	45.17	1147	35.43	900	35.43	900	47.06	1195	38.63	981	38.63	981

[ ] 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.

5600 Old Greenwood Road • Fort Smith, Arkansas 72908