DURASTAR™

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:

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DRHP14B iC Heat Pumps
Heating Efficiencies up to: 7.8 HSPF2
Cooling Efficiencies up to: 15.2 SEER2/11.7 EER2
Nominal Sizes: 1.5 to 5 Ton [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 and weather corrosion
- **Two-Stage Scroll Compressor[1]:** Features two speeds (high and low) of cooling and heating, providing more precise temperature control, lower humidity and greater efficiency when compared to single stage compressors
- **Inverted Reversing Valve:** Allows for faster heat transfer with gravity assist shifting and reduced joint stress for increased reliability
- **Expanded Valve Space:** Provides a minimum working area of 27-square inches for easier access
- **Designing for Sustainability with Low GWP:** For 2025, the Environmental Protection Agency (EPA) has set a global warming potential (GWP) limit of 700 for refrigerant used in heating and cooling systems. This new requirement will result in a 78%[2] lower GWP than previous-generation refrigerants — with only minimal changes to system installation. For us, this is another step toward our continued sustainability goal of reducing greenhouse gas emissions, while still delivering an exceptional level of energy efficient, dependable comfort
- **Refrigerant Detection System™[3]:** 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 (Model No. RXAD-A08)..... ☐

Compressor Sound Cover..... ☐

Compressor Hard Start Kit..... ☐

Low Pressure Control..... ☐

High Pressure Control..... ☐

Classic Top Cap w/Label (90-101123-21)..... ☐

Liquid Line Solenoid (24 VAC, 50/60 Hz)..... ☐

Liquid Line Solenoid (120/240 VAC, 50/60 Hz)..... ☐

[1]Does not apply to the 1.5 ton 1-stage model

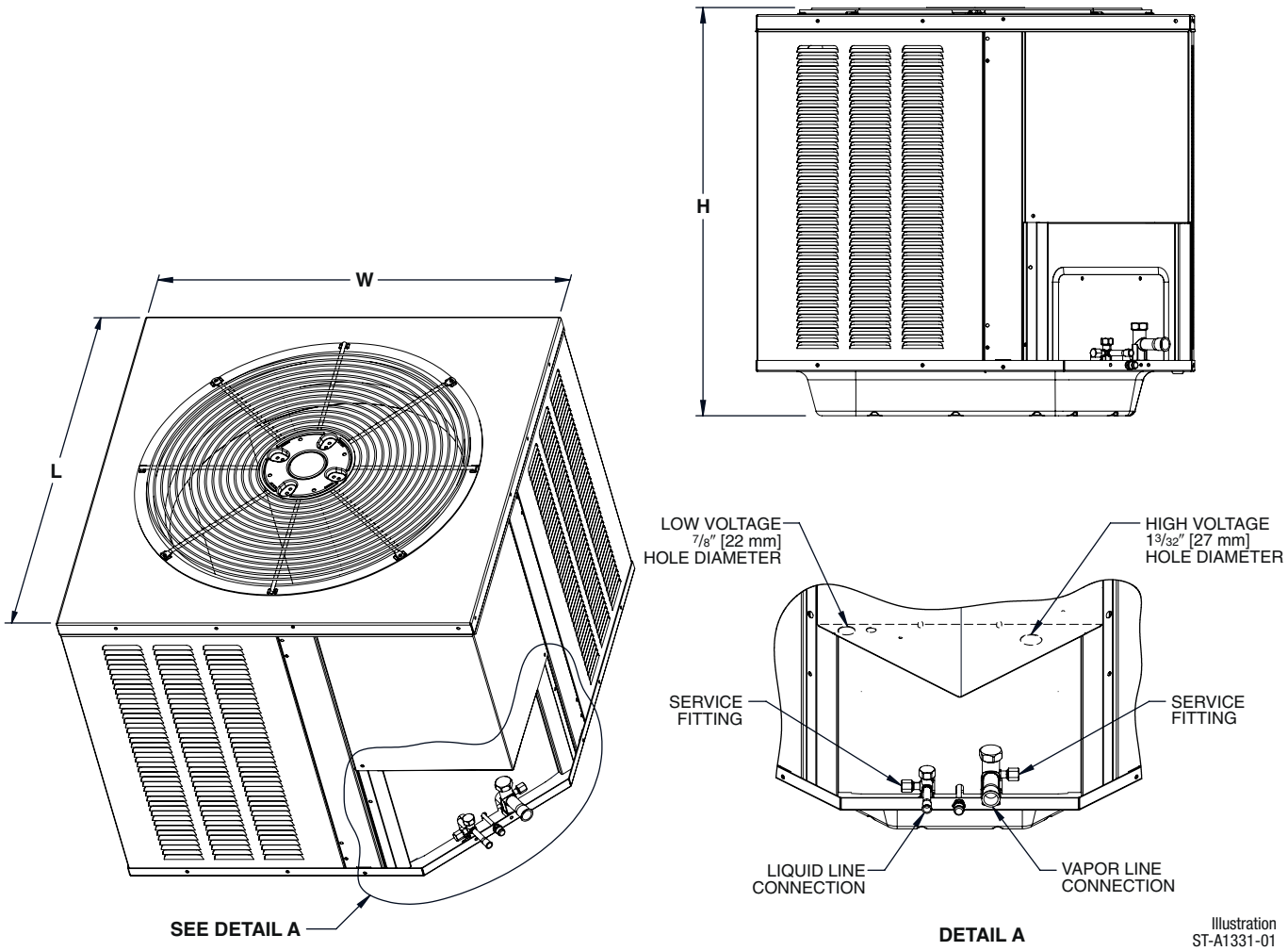
[2]When comparing the GWP of A2L refrigerants to A1 or R-410A refrigerant

[3]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)

ISO 9001:2015 · c UL us LISTED · ENERGUIDE · LOW GWP Refrigerant · AHRI CERTIFIED · ENERGY STAR

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®. Ask your Contractor for details or visit www.energystar.gov.

DRHP14B



NOTE: Illustrations show the deep drawn basepan.

[ ] Designates Metric Conversions

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
DRHP14B18	25.17	639	29.543	750	29.543	750	27.06	687	32.625	829	32.625	829
DRHP14B24	25.17	639	29.543	750	29.543	750	27.06	687	32.625	829	32.625	829
DRHP14B30	27.17	690	33.655	855	33.655	855	29.06	738	36.625	930	36.625	930
DRHP14B36	35.17	893	33.655	855	33.655	855	37.06	941	36.625	930	36.625	930
DRHP14B42	35.17	893	33.655	855	33.655	855	37.06	941	36.625	930	36.625	930
DRHP14B48	35.17	893	33.655	855	33.655	855	37.06	941	36.625	930	36.625	930
DRHP14B60	39.17	995	35.543	903	35.543	903	41.06	1043	38.625	981	38.625	981

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.

DURASTAR™

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

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