



RACHYB360 STANDARD FEATURES INCLUDE:

- Factory charged with R-454B refrigerant
- Wired and run tested at the factory
- Powder Paint Finish meets ASTM B117 test requirements. G90 galvanized steel coated on each side for maximum protection
- Foil faced insulation encapsulated throughout entire unit minimizes airborne fibers in the air stream
- Cooling operation up to 125°F ambient
- Scroll compressors with internal line break overload and high-pressure protection
- One single-stage and one two-stage compressor for 5 total stages of cooling
- MicroChannel condenser coil and Tube and Fin evaporator coil
- Blower with variable frequency drive (VFD) control
- Single-zone and multi-zone variable air volume (VAV) capable
- High pressure and low pressure/loss of charge protection
- Permanently lubricated evaporator and condenser motors
- Internally protected condenser motors with totally enclosed shaft down design
- Forkable base rails for easy handling and lifting
- Color-coded and labeled wiring
- Single point electrical connections
- Field convertible airflow – vertical downflow or horizontal sideflow
- Solid-core liquid line filter drier
- Hinged major access doors with heavy-duty gasketing and 1/4 turn latches
- Slide-out indoor fan assembly for added service convenience
- Slide-out, internally sloped condensate drain pan with overflow switch, conforms to ASHRAE 62 standards
- Slide-out filter rack with 2-inch filters
- MERV 8 and MERV 13 filters available as a factory-installed option
- Factory-installed refrigerant leak detection system
- Standard Modbus interface
- Factory-installed Direct Digital Control (DDC) system and sensors, enabling easy connectivity with LonWorks® or BACnet® BAS systems for remote monitoring and control

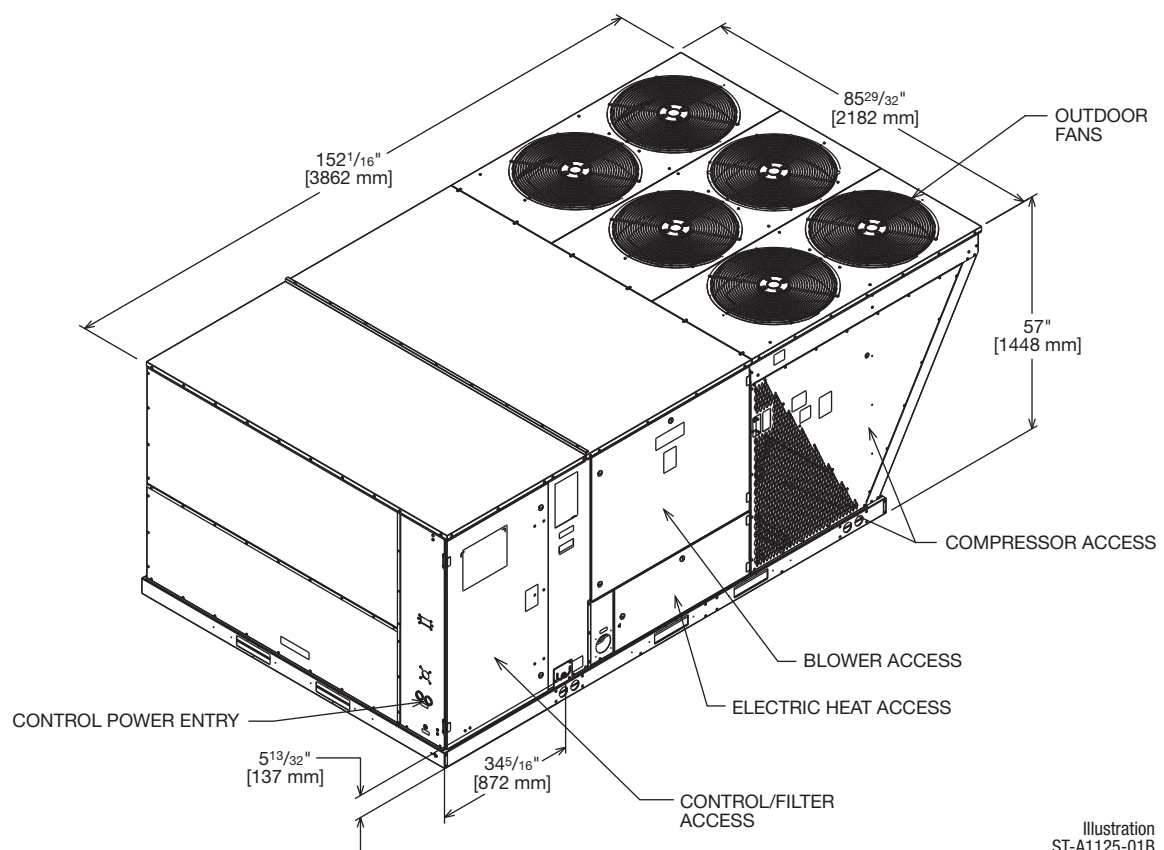
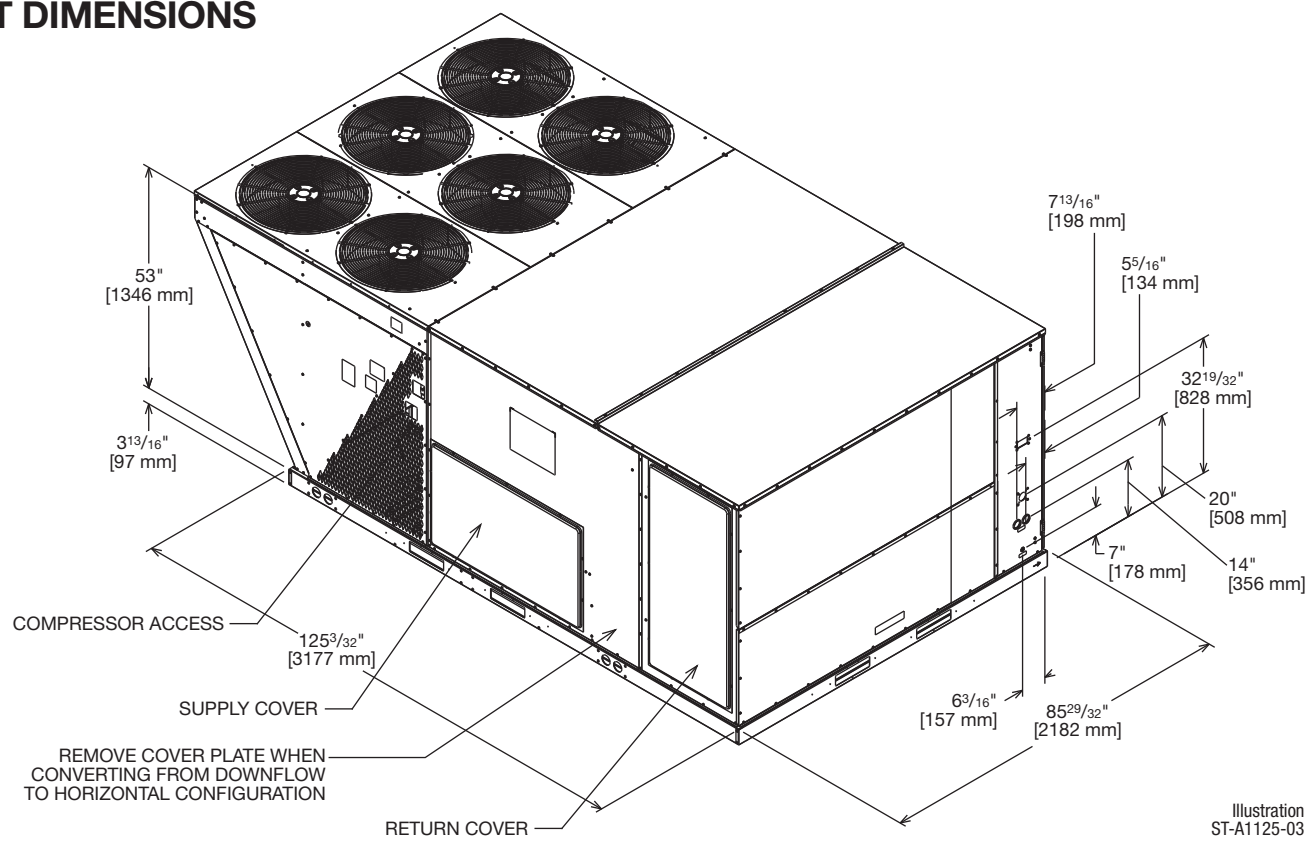
Designing for Sustainability with Low GWP



For 2025, the Environmental Protection Agency (EPA) has set a global warming potential (GWP) limit of 700 for refrigerant used in most heating and cooling systems. This new requirement will result in a 78%¹ lower GWP than previous-generation refrigerants—with only minimal changes to system installation. For us, this is another step toward our ongoing sustainability goal of reducing greenhouse gas emissions, while still delivering an exceptional level of energy efficient, dependable comfort

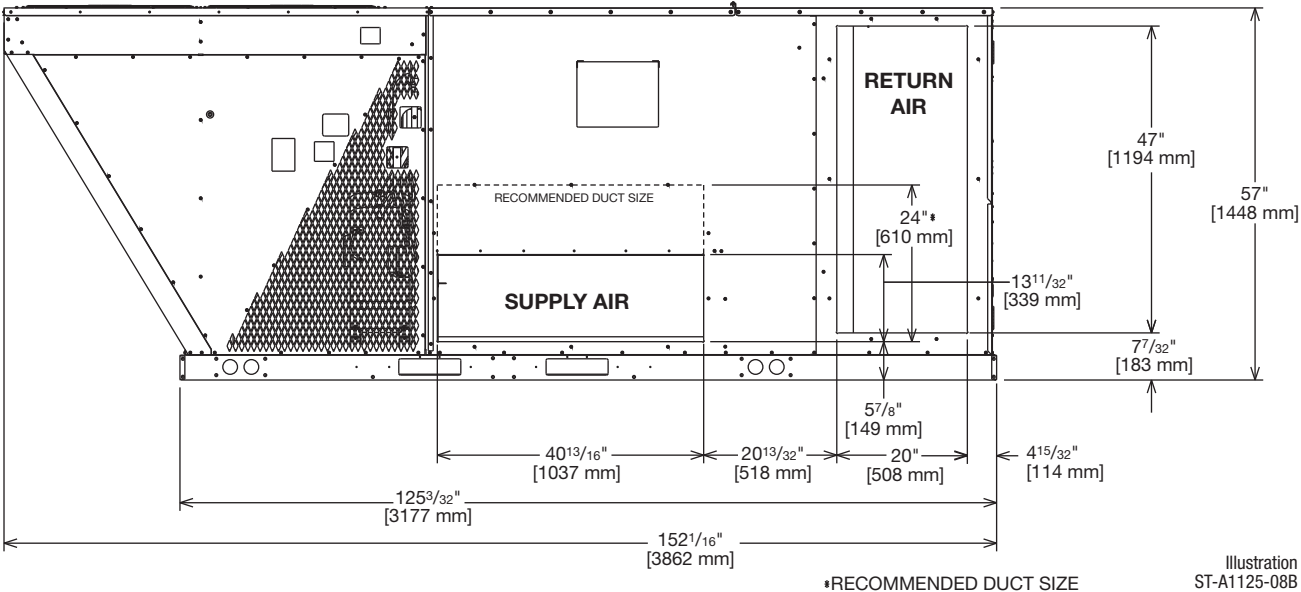
¹When comparing the GWP of R-454B to R-410A refrigerant.

UNIT DIMENSIONS

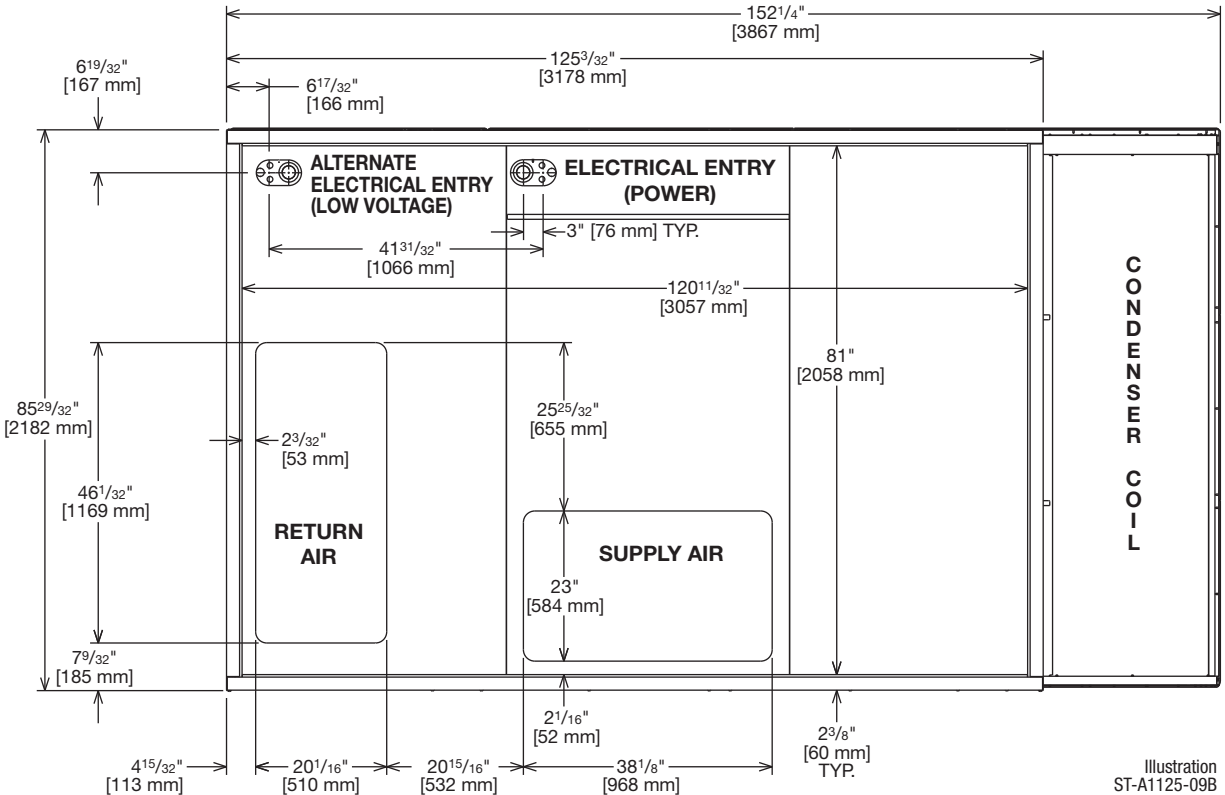


[] Designates Metric Conversions

SUPPLY AND RETURN DIMENSIONS FOR HORIZONTAL APPLICATIONS
(VIEW FROM REAR DUCT SIDE)

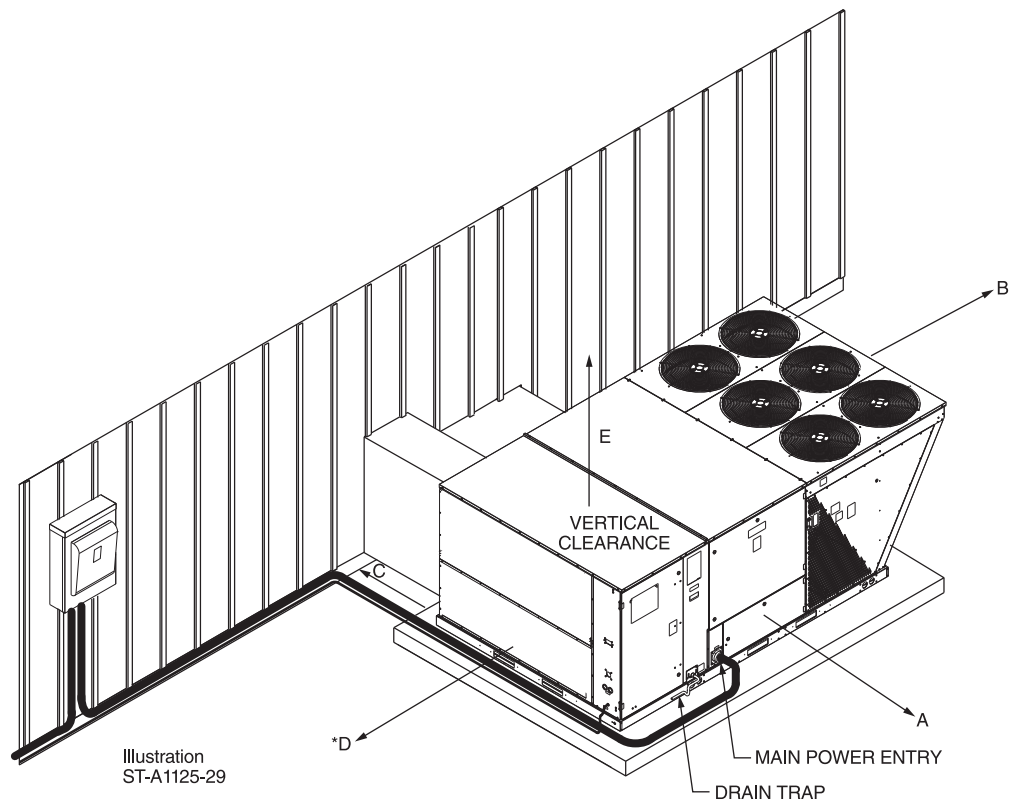


SUPPLY AND RETURN DIMENSIONS FOR DOWNFLOW APPLICATIONS
(VIEW FROM BOTTOM UP)



[] Designates Metric Conversions

REQUIRED UNIT CLEARANCES

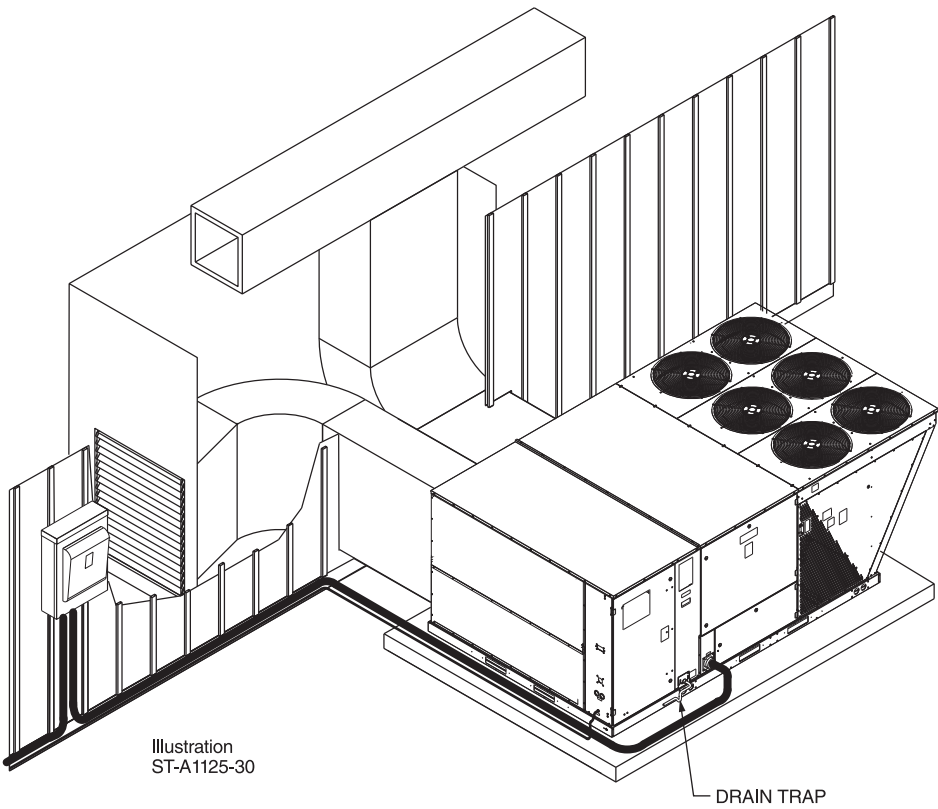


CLEARANCES

The following minimum clearances are recommended for proper unit performance and serviceability.

Recommended Clearance In. [mm]	Location
80 [2032]	A - Front
18 [457]	B - Condenser Coil
18 [457]	+C - Duct Side
18 [457]	*D - Evaporator End
60 [1524]	E - Above
*Without Economizer 18" [457 mm]. With Economizer 48" [1219 mm]. +Without Horizontal Economizer 18" [457 mm]. With Horizontal Economizer 42" [1067 mm].	

[*] Designates Metric Conversions



WEIGHTS

CORNER WEIGHTS BY PERCENTAGE			
A	B	C	D
32%	27%	16%	24%

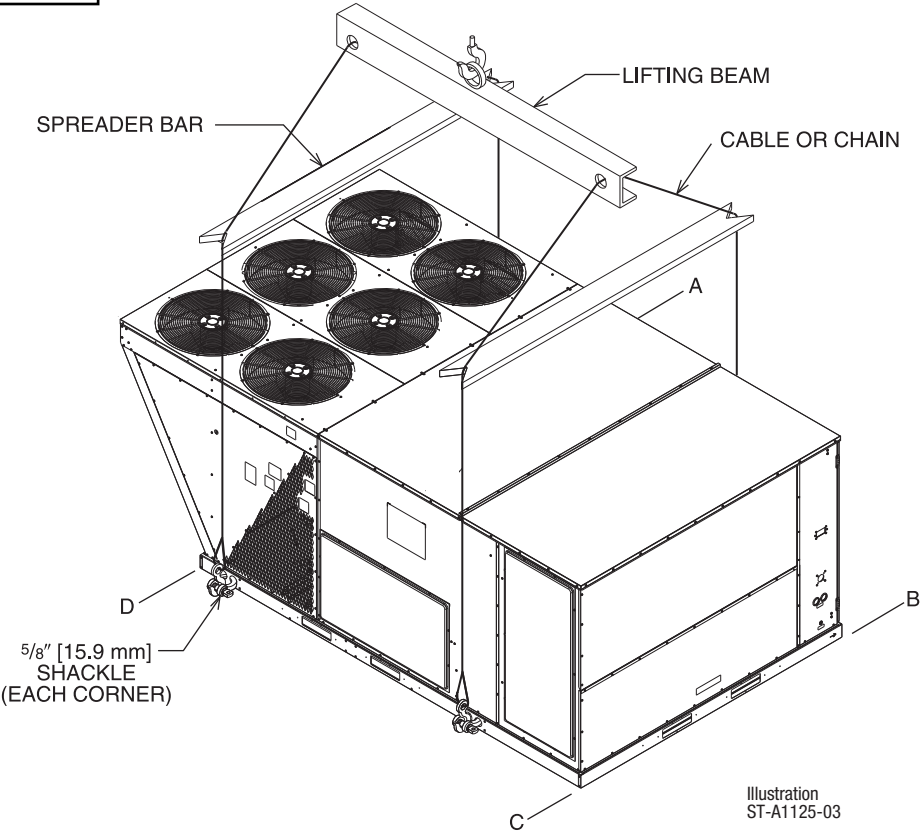


Illustration
ST-A1125-03