



RACHYB360 STANDARD FEATURES INCLUDE:

Manufacturing / Quality Features:

- Factory charged with R-454 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

Performance Features:

- 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- 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

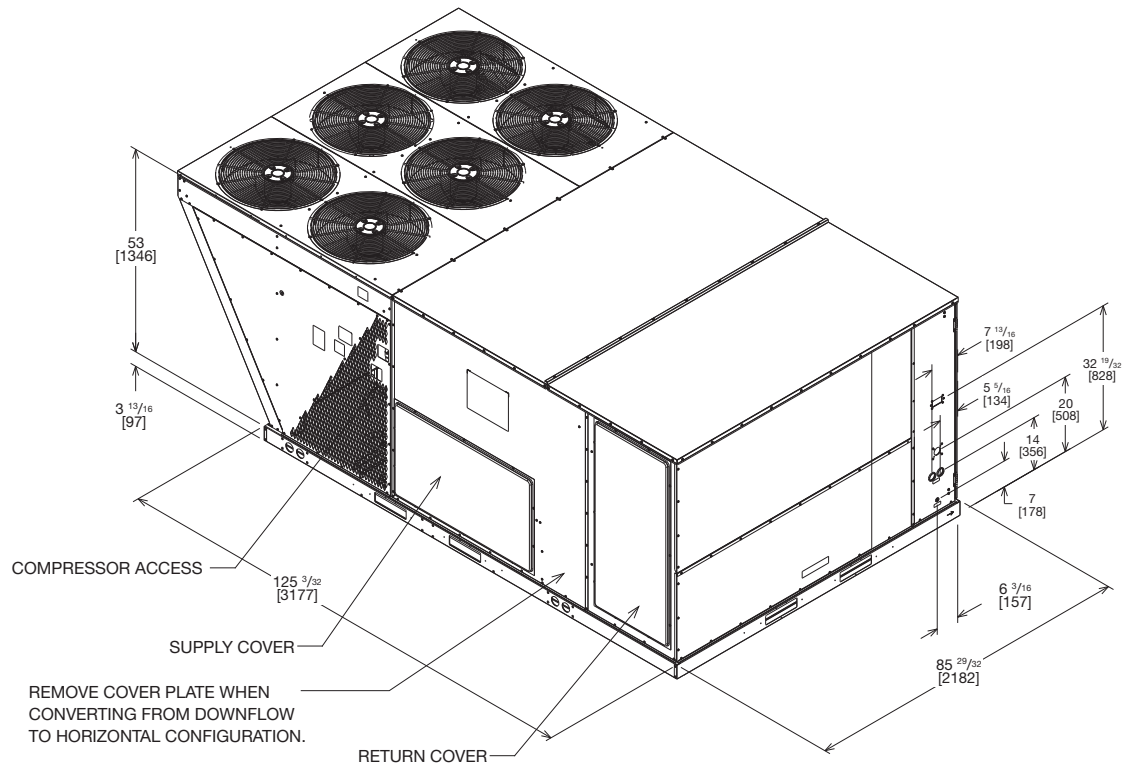
Convenience/Serviceability Features:

- Fork-able 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
- MERV8 and MERV13 filters available as a factory-installed option
- Factory-installed refrigerant leak detection system

Controls Features:

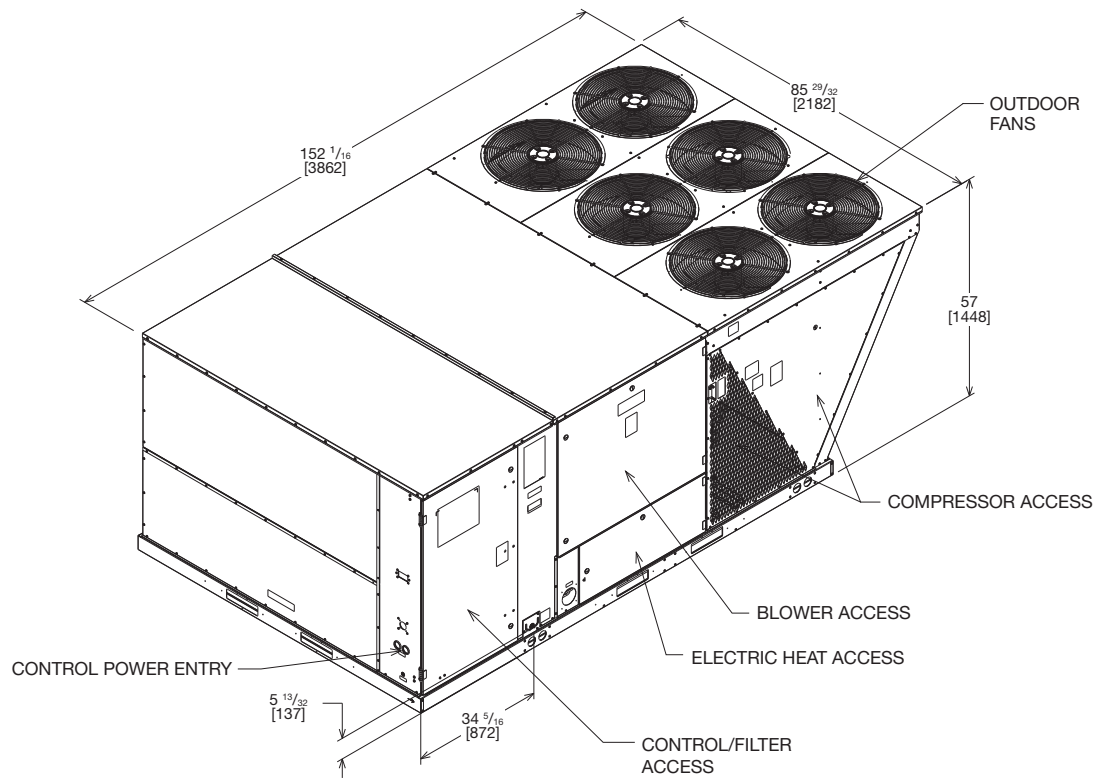
- Standard Modbus® interface
- Factory-installed DDC control and sensors, enabling easy connectivity with LonWorks® or BACnet® BAS systems for remote monitoring and control

UNIT DIMENSIONS



NOTE: ALL MEASURES ARE ON A FORMAT OF INCHES [MM].

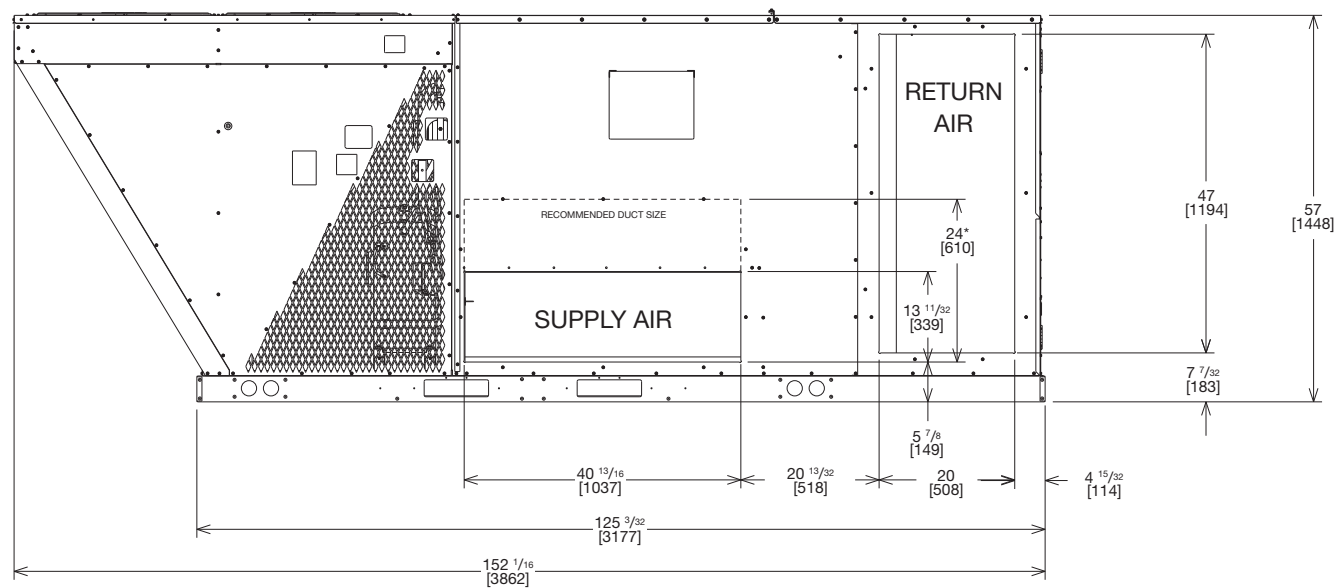
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[] Designates Metric Conversions

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

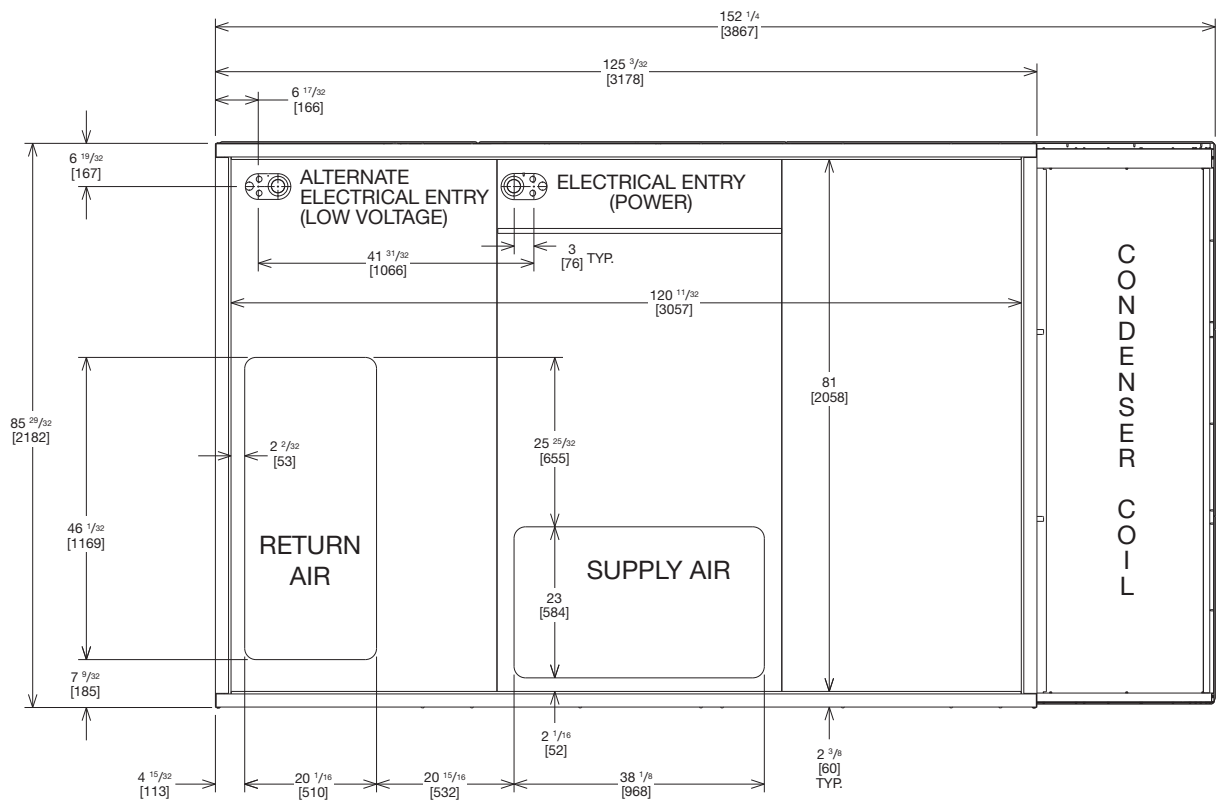


*RECOMMENDED DUCT SIZE

NOTE: ALL MEASURES ARE ON A FORMAT OF INCHES [MM].

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

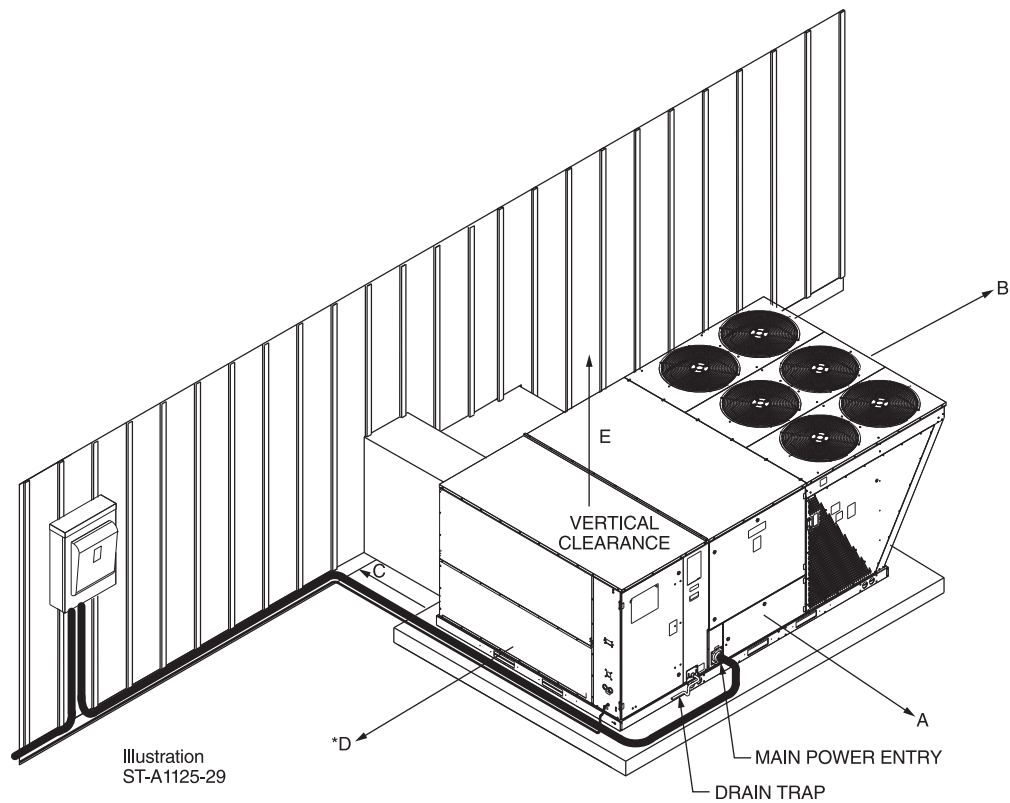


NOTE: ALL MEASURES ARE ON A FORMAT OF INCHES [MM].

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REQUIRED UNIT CLEARANCES

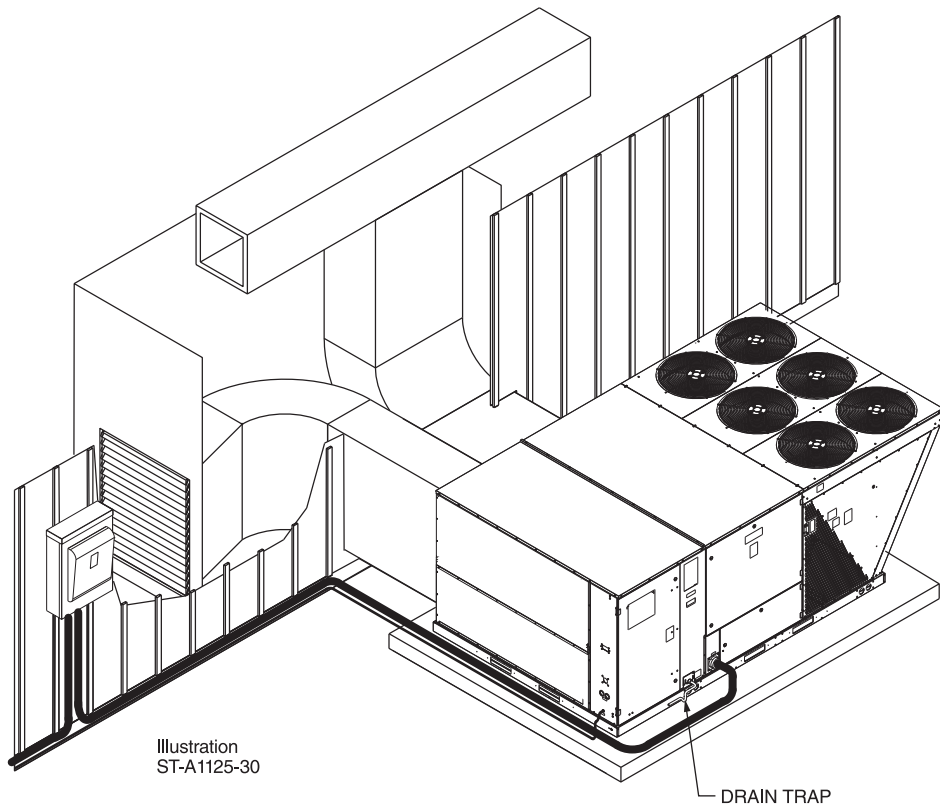


CLEARANCES

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

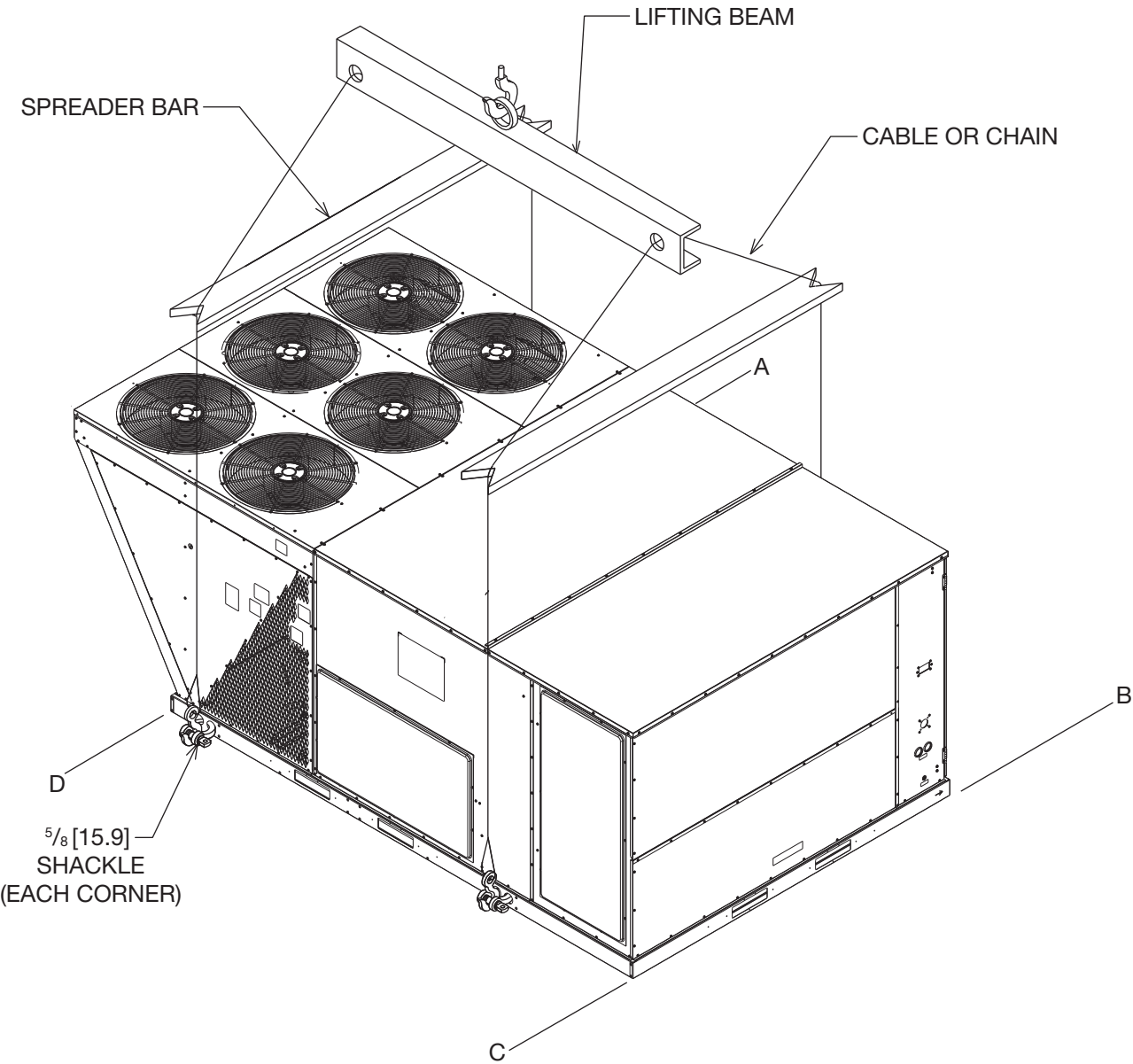
Recommended Clearance In. [mm]	Location
80 [2032]	A - Front
18 [457]	B - Condenser Coil
18 [457]	+C - Duct Side
18 [457]	*D - Evaporator End
60 [1524]	E - Above
+Without Horizontal Economizer 18" [457 mm]. With Horizontal Economizer 42" [1067 mm]. *Without Economizer 18" [457 mm]. With Economizer 48"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

[*] Designates Metric Conversions



WEIGHTS

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



NOTE: ALL MEASURES ARE ON A FORMAT OF INCHES [MM].

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[] Designates Metric Conversions