



RACH STANDARD FEATURES INCLUDE:

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

Quality Manufacturing 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

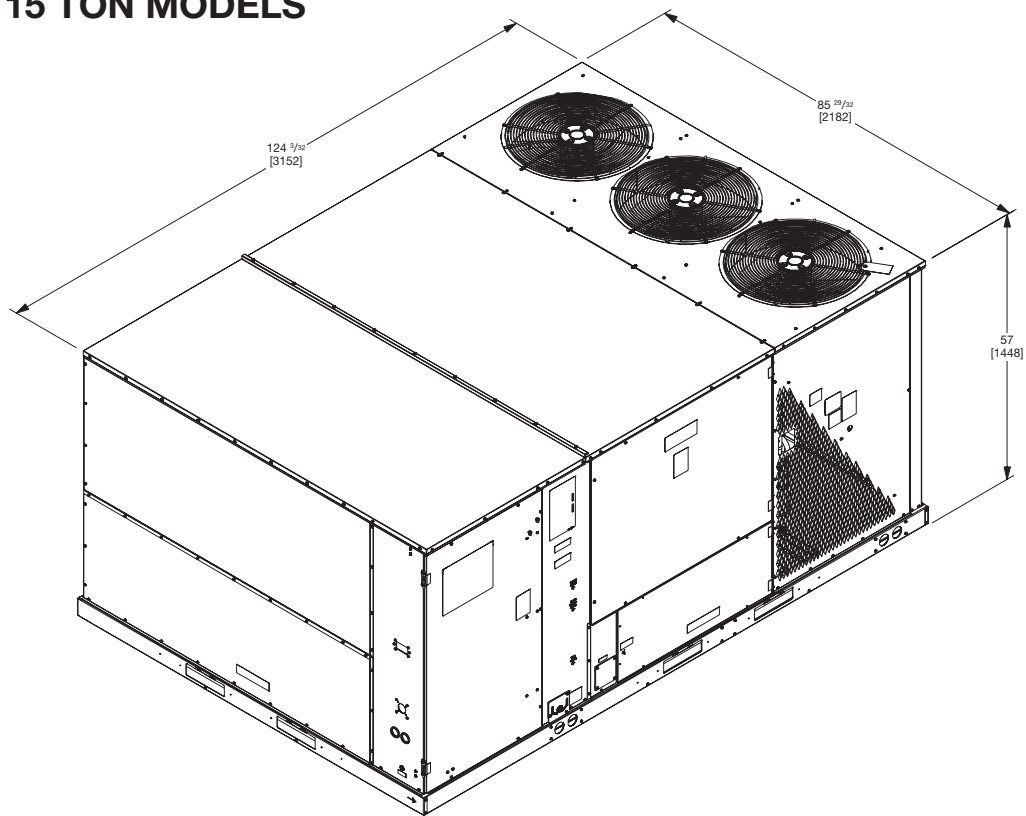
Performance Features

- Cooling operation up to 125°F ambient
- Scroll compressors with internal line break overload and high-pressure protection
- Dual stage compressor, 2 stages of cooling
- MicroChannel condenser coil and Tube and Fin evaporator coil
- Blower with variable frequency drive (VFD) control
- High pressure and low pressure/loss of charge protection
- Permanently lubricated gas heat inducer, evaporator and condenser motors
- Internally protected condenser motors with totally enclosed shaft down design

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

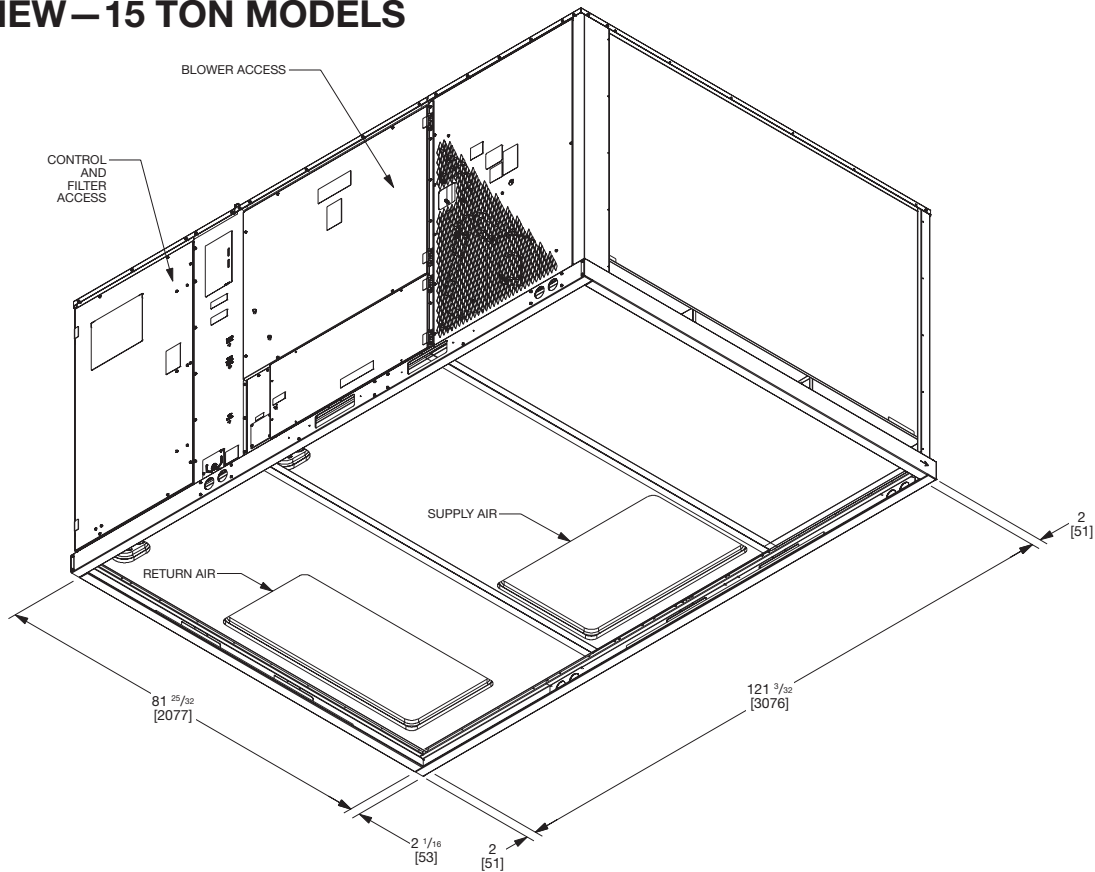
TOP VIEW—15 TON MODELS



NOTE: ALL MEASUREMENTS ARE FORMATTED INCHES [MM].

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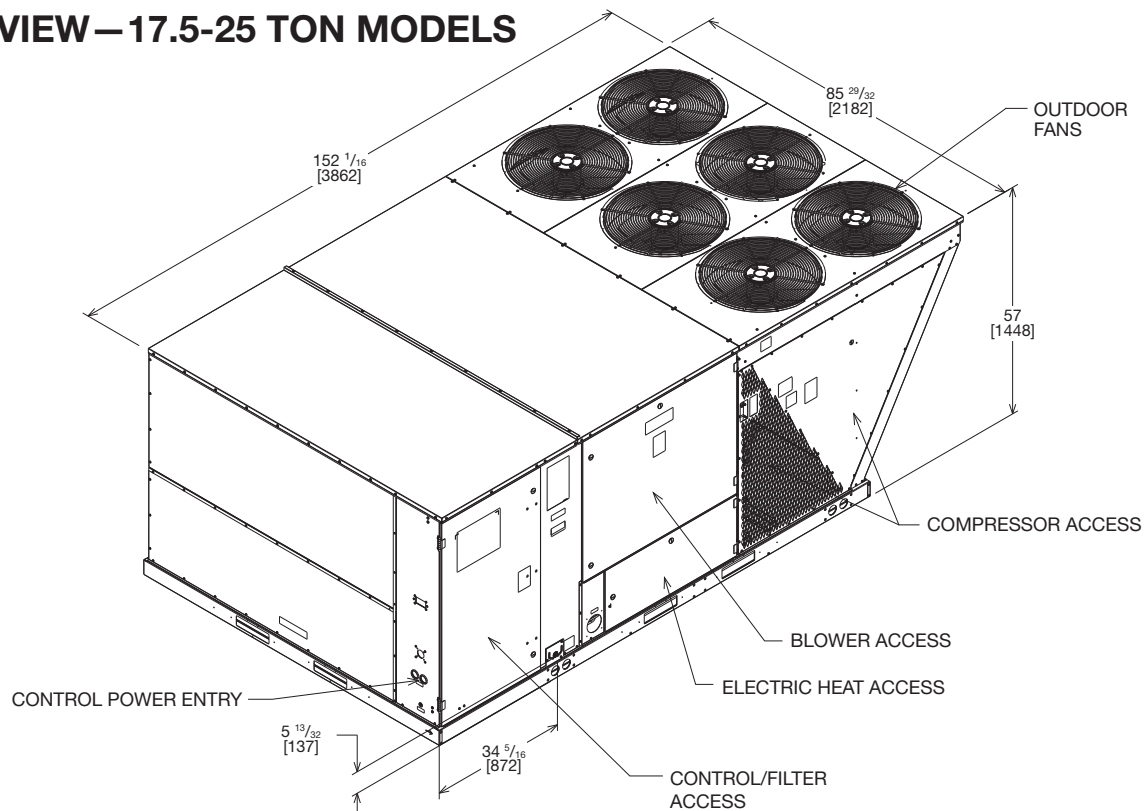
BOTTOM VIEW—15 TON MODELS



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

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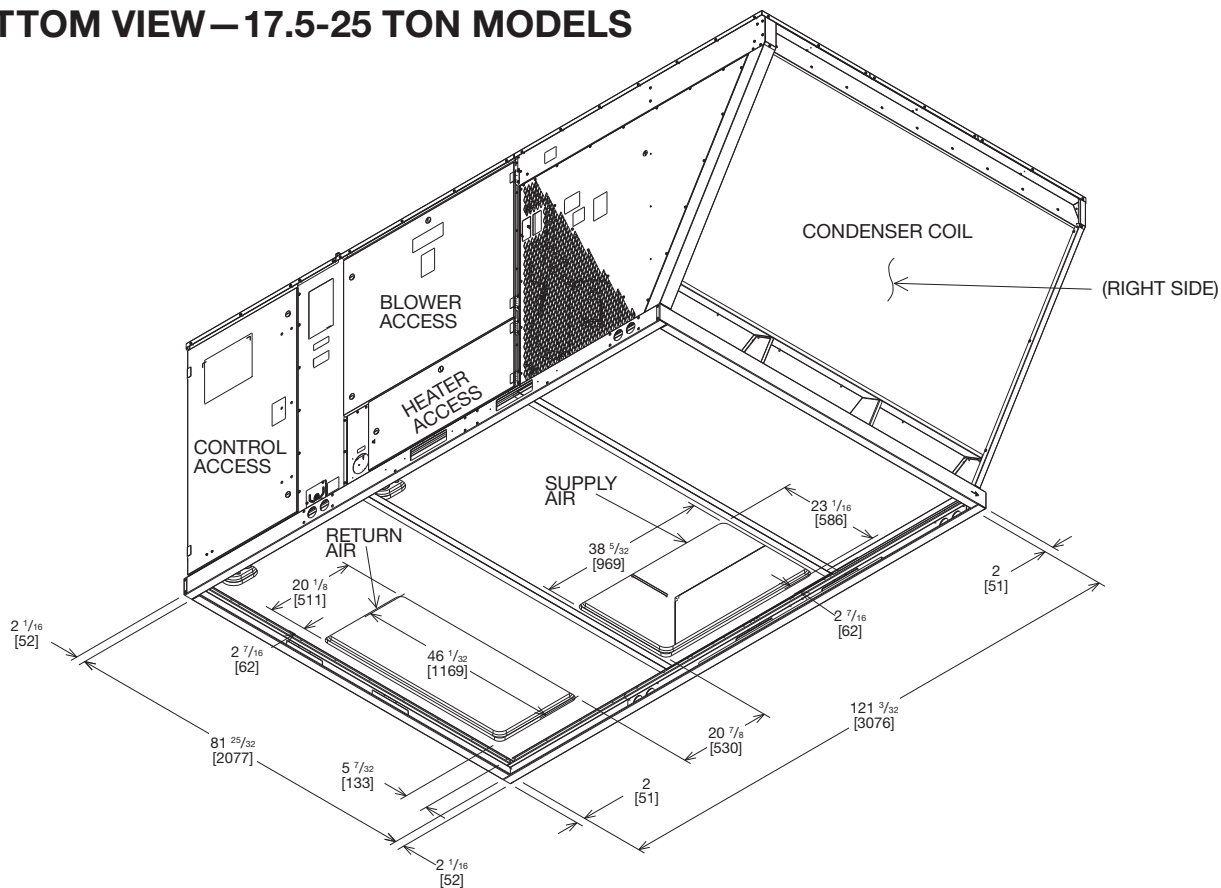
TOP VIEW — 17.5-25 TON MODELS



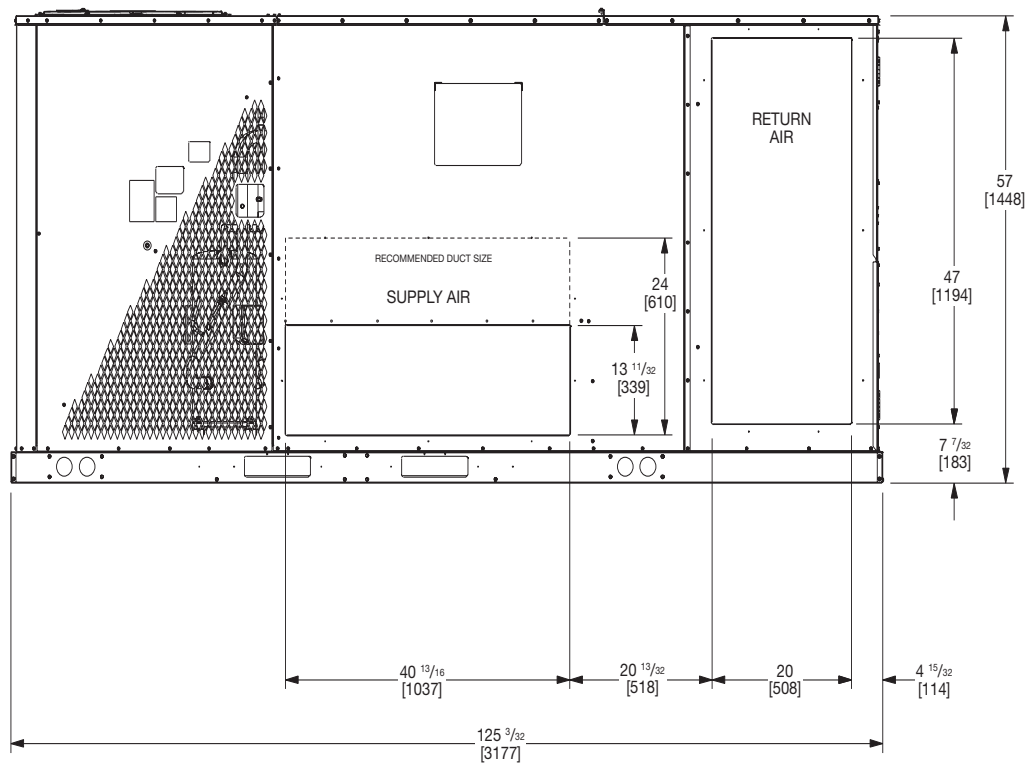
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NOTE: ALL MEASURES ARE ON A FORMAT OF INCHES [MM].

BOTTOM VIEW — 17.5-25 TON MODELS



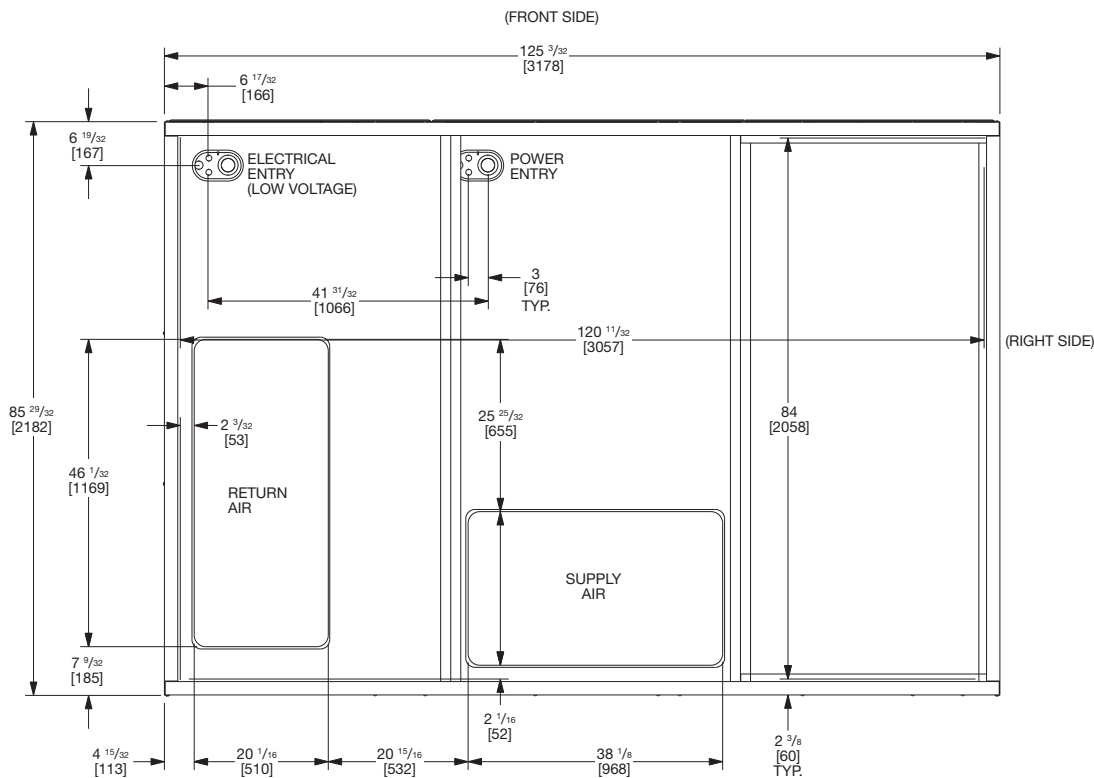
SUPPLY AND RETURN DIMENSIONS FOR HORIZONTAL APPLICATIONS—
15 TON MODELS (VIEW FROM REAR DUCT SIDE)



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

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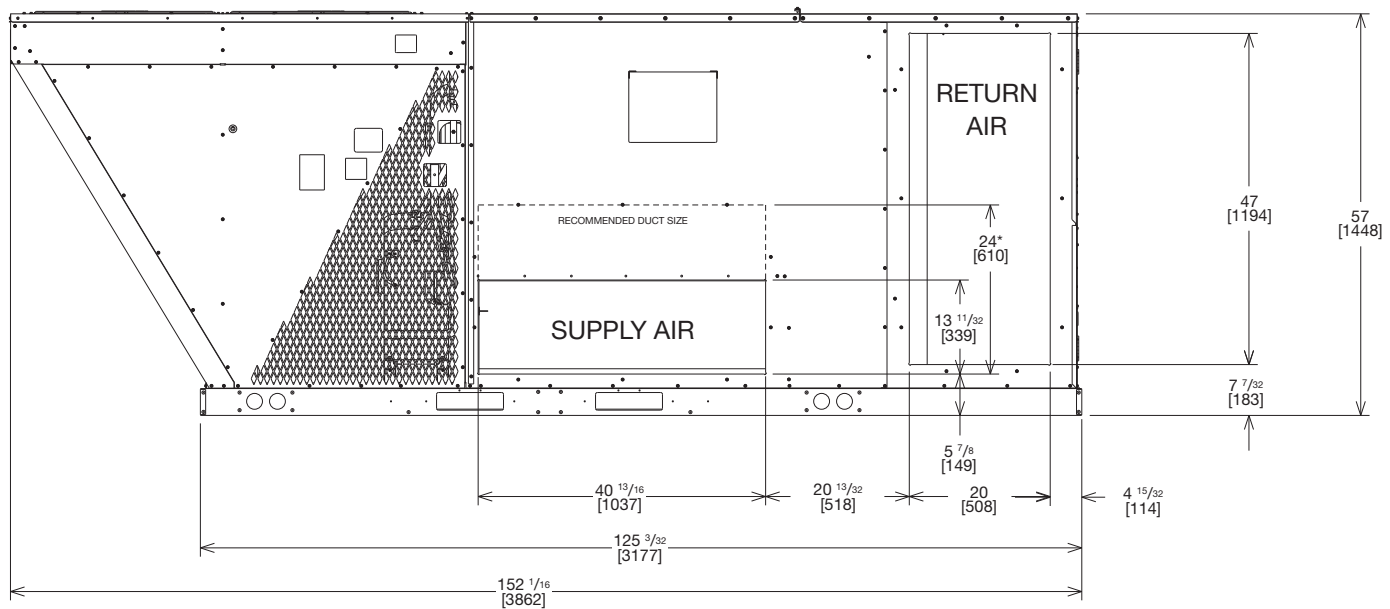
SUPPLY AND RETURN DIMENSIONS FOR DOWNFLOW APPLICATIONS—
15 TON MODELS (VIEW FROM BOTTOM UP)



NOTE: ALL MEASUREMENTS ARE FORMATTED INCHES [MM].

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SUPPLY AND RETURN DIMENSIONS FOR HORIZONTAL APPLICATIONS— 17.5-25 TON MODELS (VIEW FROM REAR DUCT SIDE)

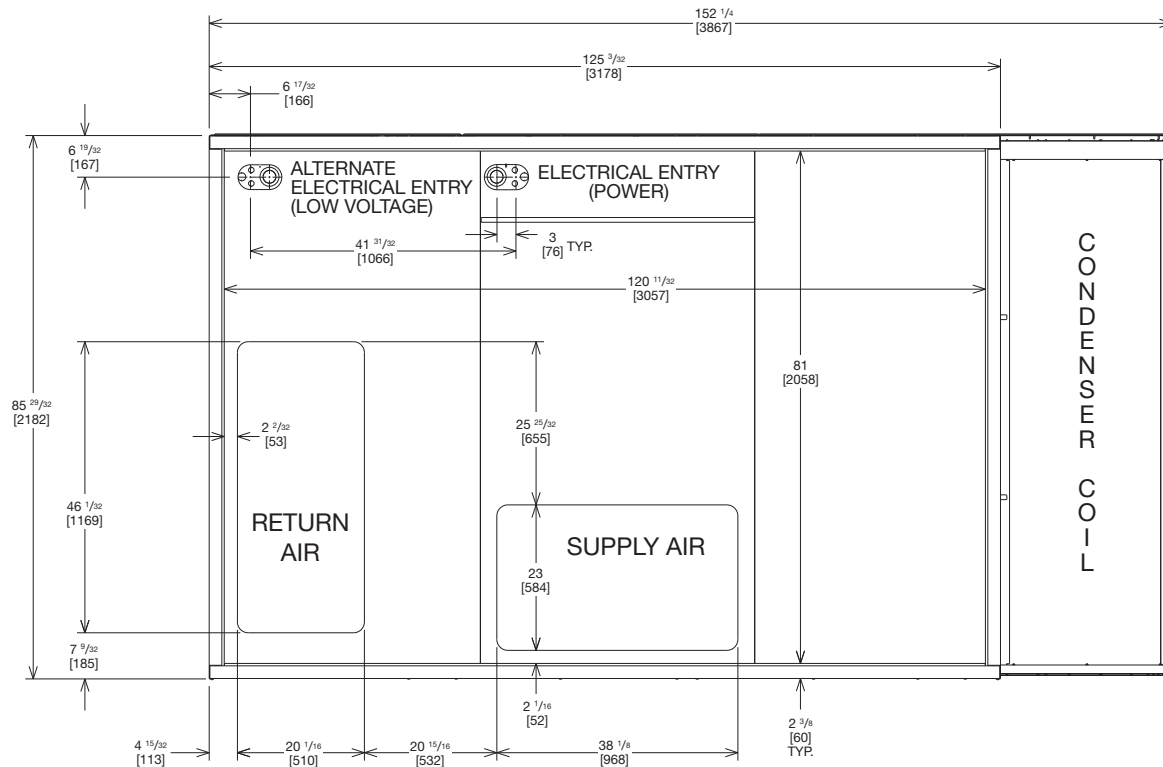


*RECOMMENDED DUCT SIZE

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

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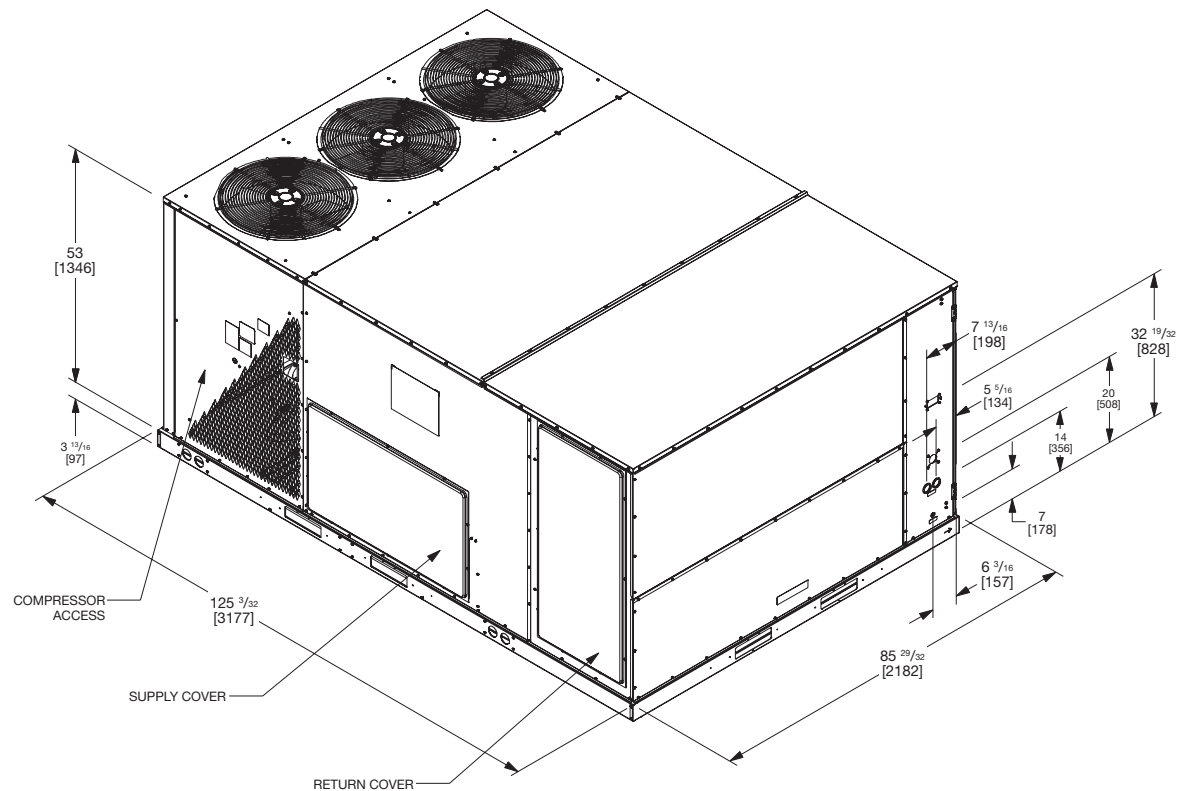
SUPPLY AND RETURN DIMENSIONS FOR DOWNFLOW APPLICATIONS— 17.5-25 TON MODELS (VIEW FROM BOTTOM UP)



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

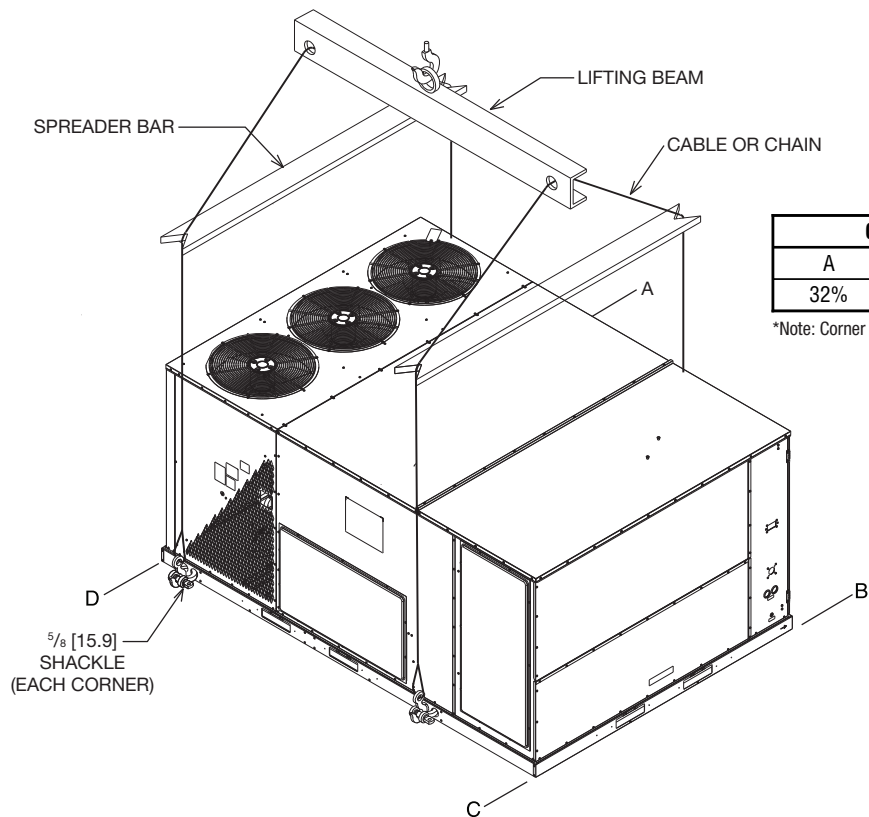
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UNIT DIMENSIONS—15 TON MODELS



NOTE: ALL MEASUREMENTS ARE FORMATTED INCHES [MM].

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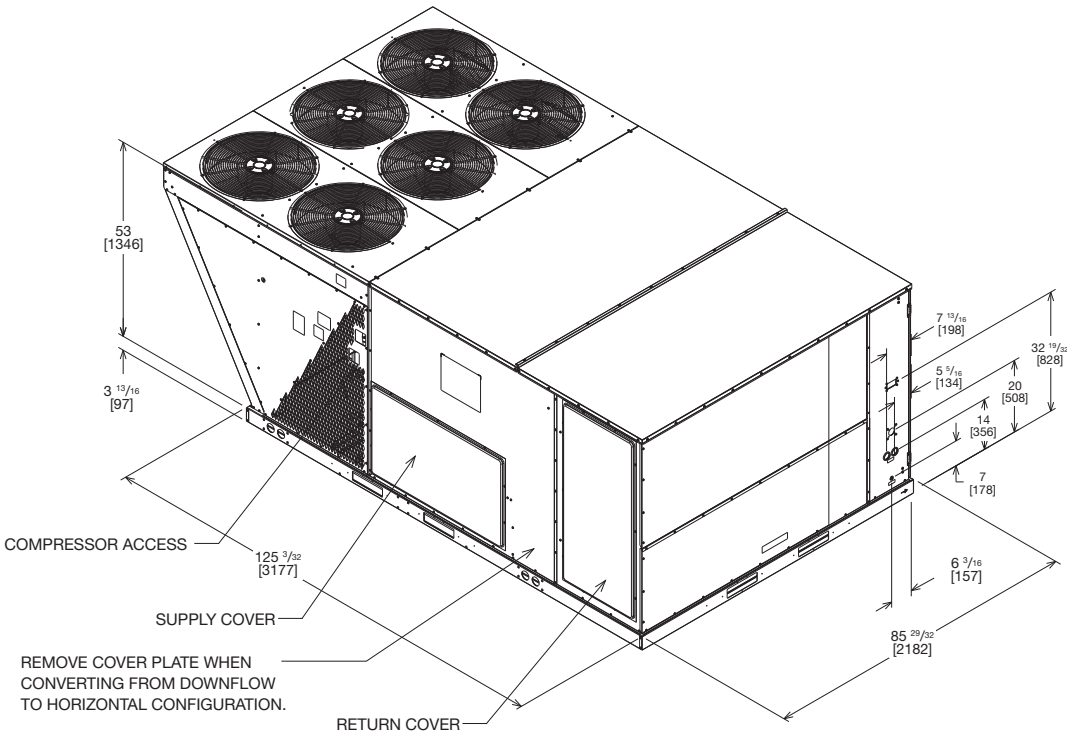
Corner Weights by Percentage			
A	B	C	D
32%	27%	16%	24%

*Note: Corner weights measured at base of unit.

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

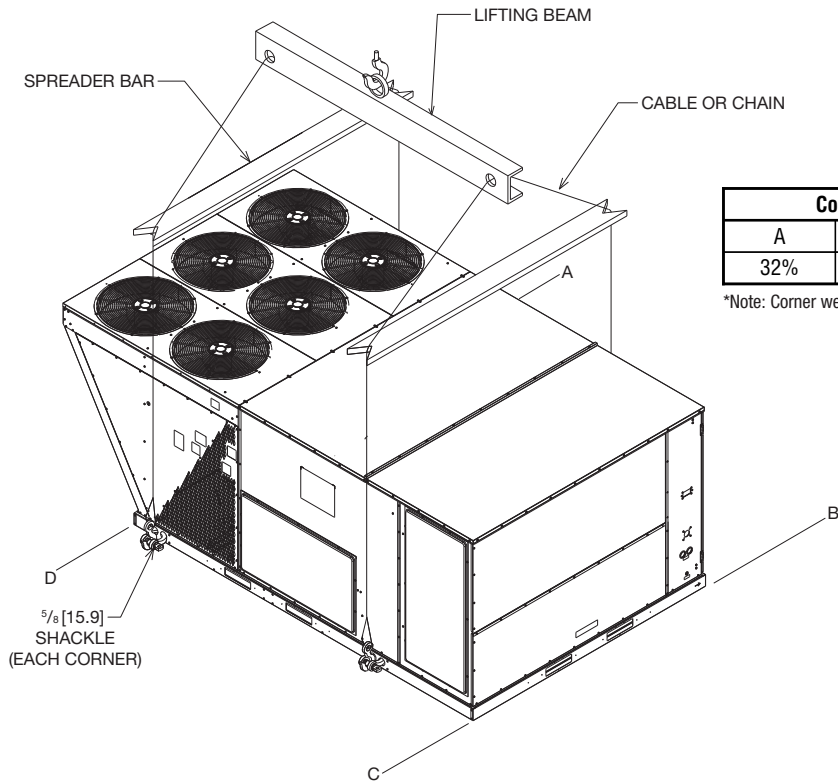
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UNIT DIMENSIONS—17.5-25 TON MODELS



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

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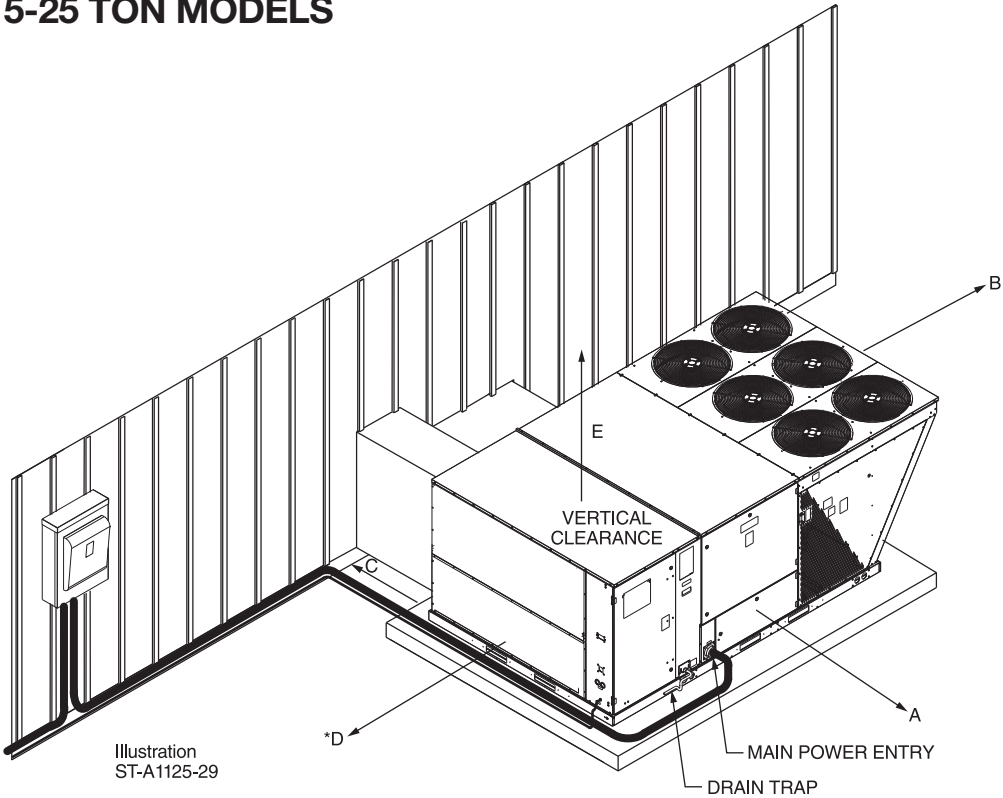
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SLAB INSTALLATION—15-25 TON MODELS



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].	

