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# SUBMITTAL COVER SHEET

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:

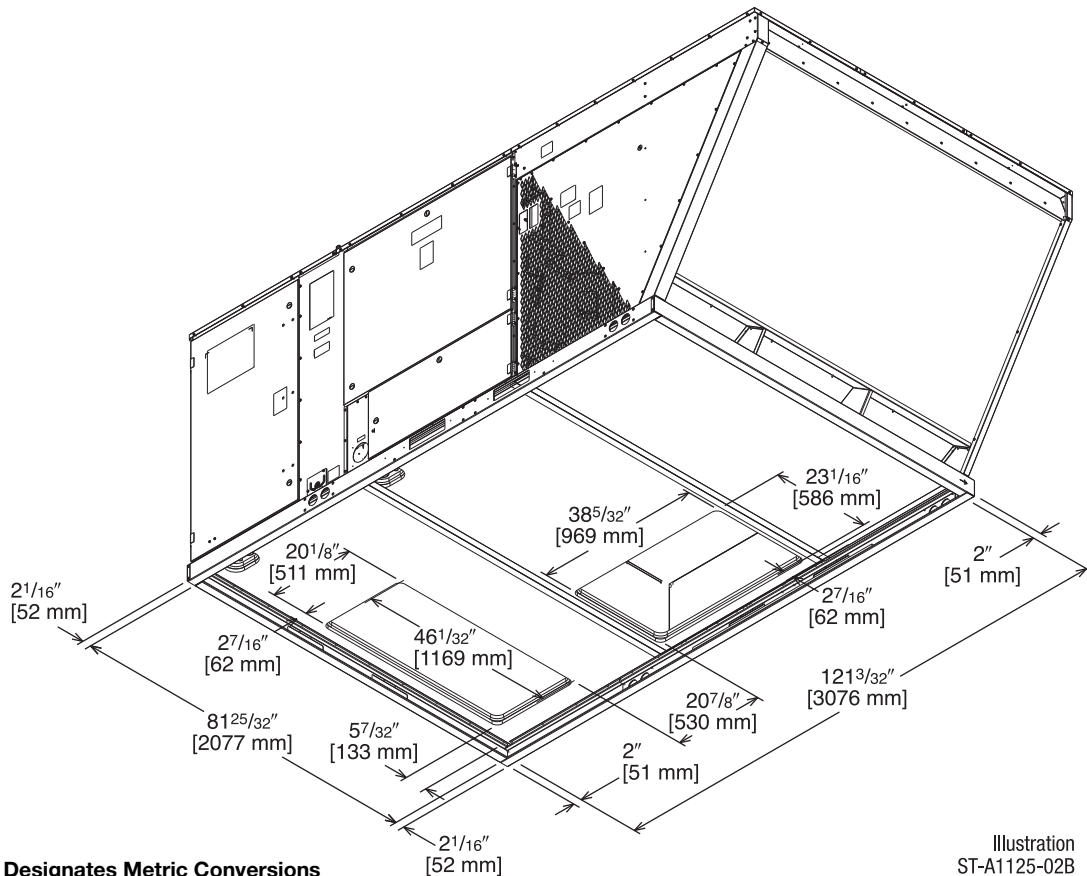
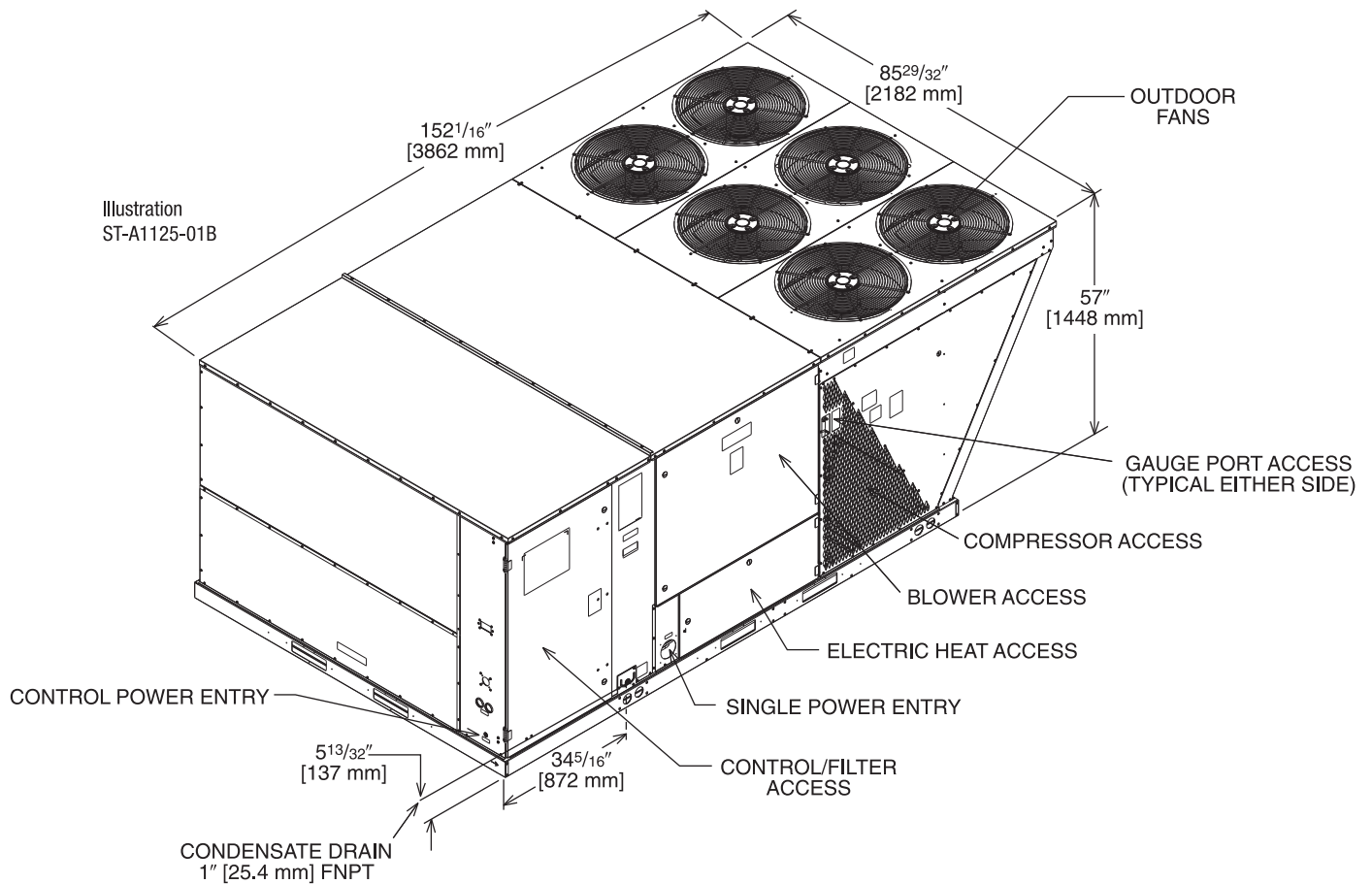
### NOTES:



INTEGRATED HOME COMFORT

FORM NO. L11-003





[ ] Designates Metric Conversions

Illustration  
ST-A1125-02B

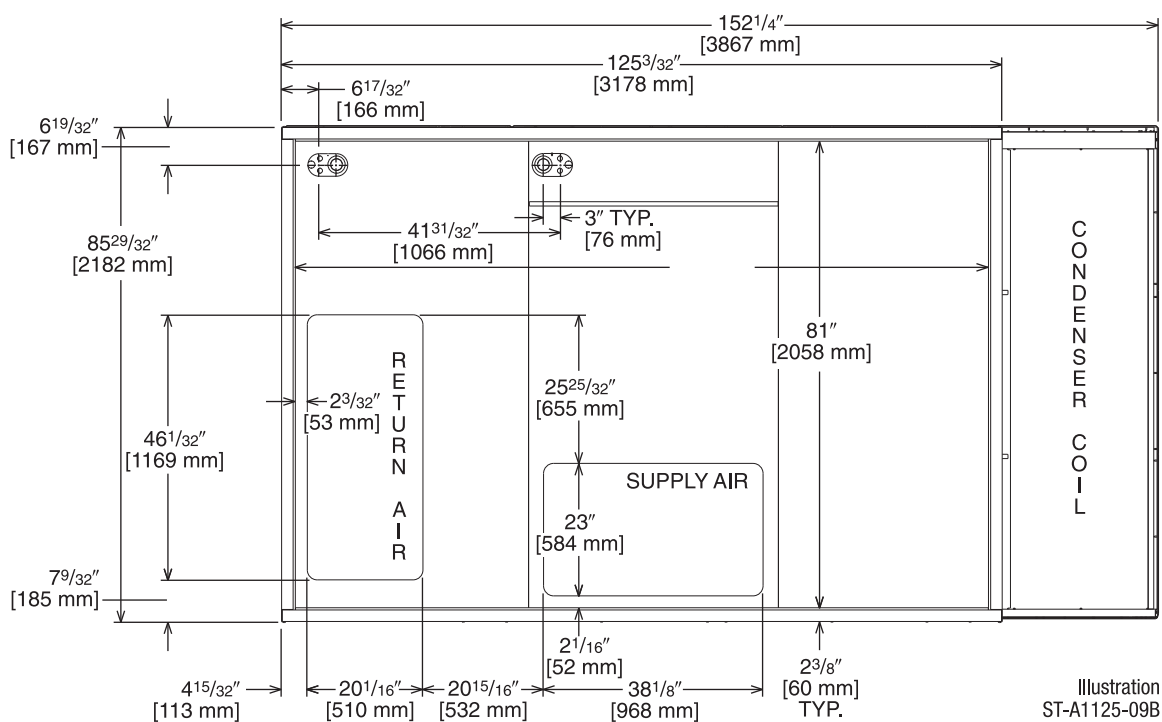
Technical drawing of the ST-A1125-08B unit, showing dimensions and recommended duct size. The drawing includes a side view of the unit with a hatched area indicating the recommended duct size. Dimensions are provided in inches and millimeters.

Dimensions:

- Overall width:  $152\frac{1}{16}"$  [3862 mm]
- Overall height:  $57"$  [1448 mm]
- Recommended duct size (width):  $40\frac{13}{16}"$  [1037 mm]
- Recommended duct size (height):  $24" *$  [610 mm]
- Distance from top to duct centerline:  $13\frac{5}{16}"$  [339 mm]
- Distance from duct centerline to bottom:  $5\frac{7}{8}"$  [149 mm]
- Distance from duct centerline to right edge:  $20"$  [508 mm]
- Distance from right edge to duct centerline:  $20\frac{13}{32}"$  [518 mm]
- Distance from duct centerline to right edge (total):  $41\frac{5}{32}"$  [114 mm]
- Distance from duct centerline to right edge (total):  $77\frac{7}{32}"$  [183 mm]
- Distance from duct centerline to right edge (total):  $47"$  [1194 mm]

\* RECOMMENDED DUCT SIZE

### SUPPLY AND RETURN DIMENSIONS FOR DOWNFLOW APPLICATIONS



**[ ] Designates Metric Conversions**



## STANDARD FEATURES INCLUDE:

- R-410A HFC refrigerant.
- Complete factory charged, wired and run tested.
- Scroll compressors with internal line break overload and high-pressure protection.
- Two independent refrigerant circuits each with a scroll compressor provide two stage cooling operation.
- Convertible airflow – vertical downflow or horizontal sideflow.
- TXV refrigerant metering system on each circuit.
- High Pressure and Low Pressure/Loss of charge protection standard on all models.
- Solid Core liquid line filter drier on each circuit.
- Single slab, single pass designed evaporator and condenser coils facilitate easy cleaning for maintaining high efficiencies.
- Cooling operation up to 125 degree F ambient.
- Foil faced insulation encapsulated throughout entire unit minimizes airborne fibers from the air stream.
- Hinged major access door with heavy-duty gasketing, 1/4 turn latches and door retainers.
- Slide Out Indoor fan assembly for added service convenience.
- Base pan with drawn supply and return opening for superior water management.
- Forkable base rails for easy handling and lifting.
- Single point electrical connections.
- Internally sloped slide out condensate pan conforms to ASHRAE 62 standards.
- High performance belt drive motor with variable pitch pulleys and quick adjust belt system.
- Permanently lubricated evaporator, condenser and gas heat inducer motors.
- Condenser motors are internally protected, totally enclosed with shaft down design.
- 2 inch filter standard with slide out design.
- 24 volt control system with resettable circuit breakers.
- Colored and labeled wiring.
- Copper tube/Aluminum Fin coils.
- Supplemental electric heat provides 100% efficient heating.