

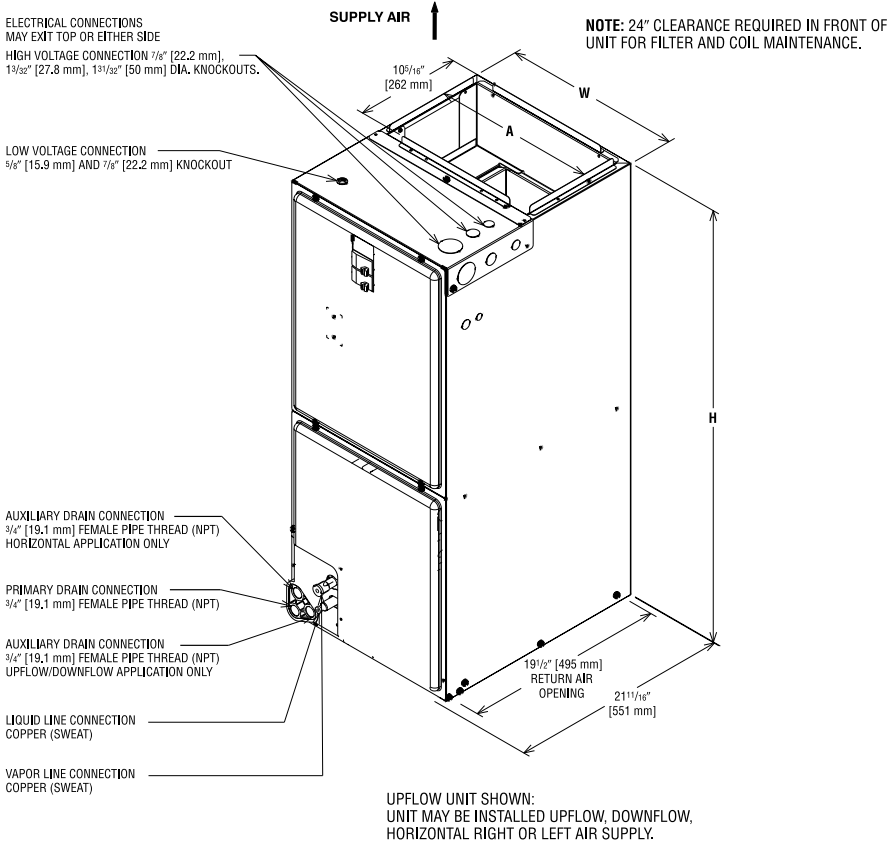


Features and Benefits

- **Quiet Operation¹:** Provided by a cabinet construction with 1.0 inch of foil faced insulation for quieter sound characteristics
- **Aluminum Indoor Coil Design:** Are constructed of aluminum fins bonded to internally grooved aluminum tubing and are more corrosion resistant
- **Versatile 4-Way Convertible Compact Design:** Allows for upflow, downflow, horizontal left and horizontal right applications, even in the smallest of spaces
- **Rugged Steel, Compact Cabinet Construction:** Designed for added strength and versatility
- **Field-installed Auxiliary Heater Kits:** Provide exact heat for indoor comfort and include circuit breakers which meet UL and cUL requirements for service disconnect
- **Cabinet air leakage less than 2% at 1 inch H₂O** when tested in accordance with ASHRAE Standard 193
- **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
- **PlusOne® Refrigerant Detection System^{TM3}:** 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

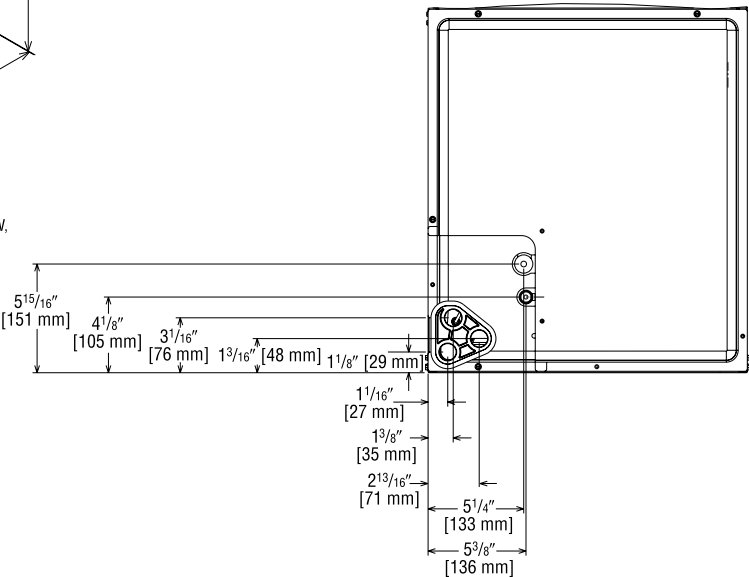
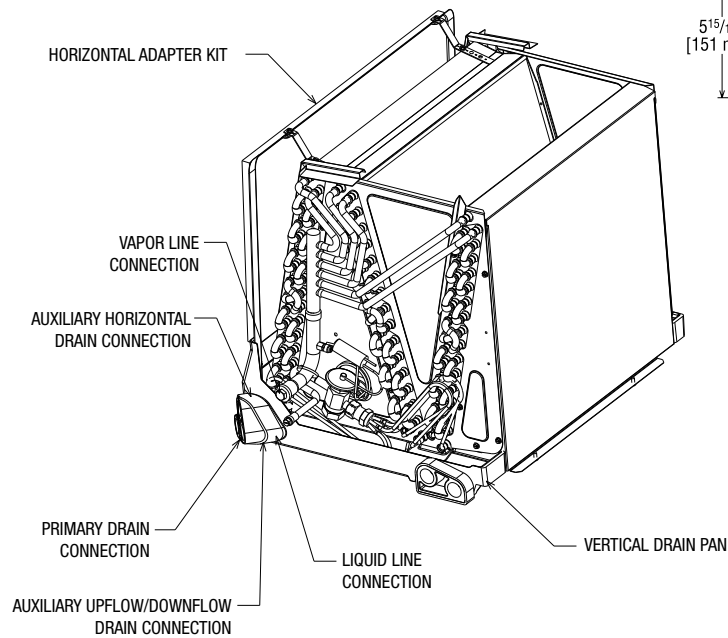
¹Based on manufacturer's air handler offering, and the product's airflow stages, motor type and cabinet insulation. Sound levels are also dependent on air handler location and installation ²When comparing the GWP of R-454B to R-410A refrigerant ³Factory or field installed in the furnace coil or air handler and is applicable to the complete heating and cooling system featuring Low GWP Refrigerant (A2L)

Unit Dimensions



Return Air Opening Dimensions

Model Cabinet Size	Return Air Opening Width (Inches)	Return Air Opening Depth/Length (Inches)
17	15 7/8	19 3/4
21	19 3/8	19 3/4
24	22 7/8	19 3/4



UPFLOW UNIT SHOWN:
UNIT MAY BE INSTALLED UPFLOW,
DOWNFLOW, HORIZONTAL RIGHT
OR LEFT AIR SUPPLY.

[] Designates Metric Conversions
() Designates Unit with Double Coil Cabinet

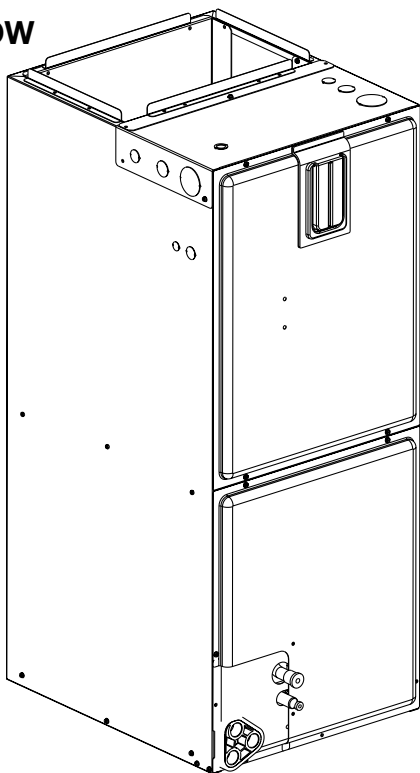
Unit Dimensions & Weights

Model Size RH1PY	Refrigerant Connections Sweat (In.) [mm] ID		Unit Width “W” In. [mm]	Unit Height “H” In. [mm]	Supply Duct “A” In. [mm]	Air Flow CFM (Nom.) [L/s]		Unit Weight/Shipping Weight (Lbs.) [kg]
	Liquid	Vapor				Lo	Hi	Unit With Coil (Max. KW)
1817S/2417S	3/8 [9.53]	3/4 [19.05]	17 1/2 [445]	42 1/2 [1080]	16 [406]	600 [283]	800 [378]	81/95 [37/43]
3017S/3617S	3/8 [9.53]	3/4 [19.05]	17 1/2 [445]	42 1/2 [1080]	16 [406]	1000 [472]	1200 [566]	90/104 [41/47]
3621S	3/8 [9.53]	7/8 [22.23]	21 [533]	42 1/2 [1080]	19 1/2 [495]	1200 [566]	—	109/124 [49/56]
4221S/4821S	3/8 [9.53]	7/8 [22.23]	21 [533]	50 1/2 [1282]	19 1/2 [495]	1400 [661]	1600 [755]	130/146 [59/66]
4824S	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	55 1/2 [1410]	23 [584]	1600 [755]	—	143/161 [65/73]
6024S	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	55 1/2 [1410]	23 [584]	—	1800 [850]	164/181 [75/82]

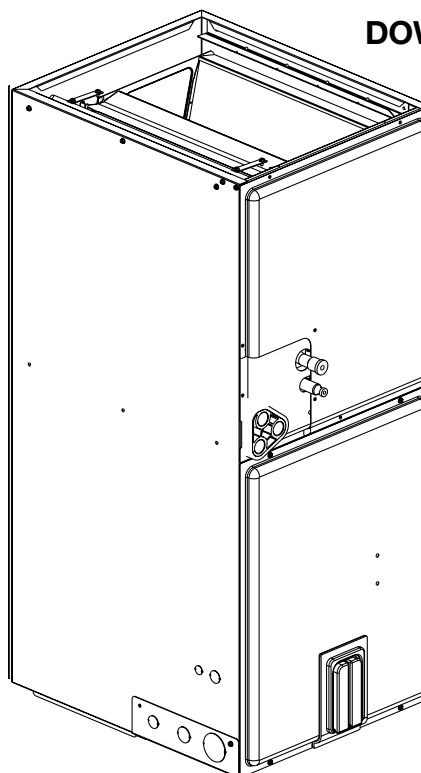
[] Designates Metric Conversions

Airflow Directional Data

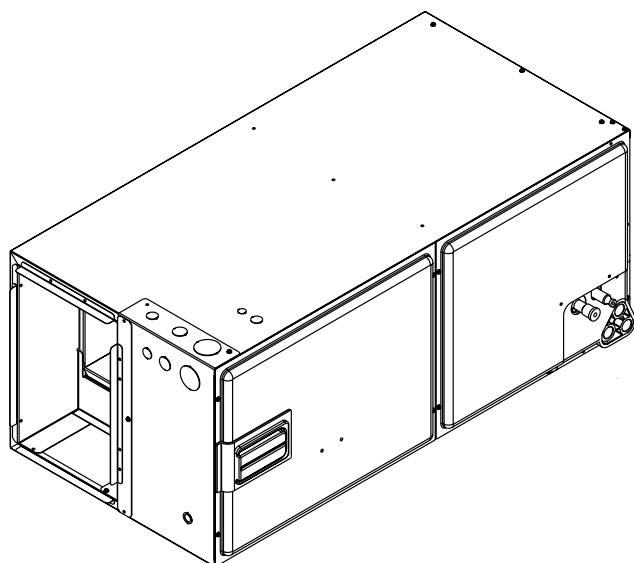
UPFLOW



DOWNFLOW



**HORIZONTAL LEFT
HAND AIRFLOW**



**HORIZONTAL RIGHT
HAND AIRFLOW**

