



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:						

Endeavor® Line (-)H2TY Air Handlers
Two-Stage Airflow
Constant Torque Motor
Efficiencies: 13.4 to 16.0 SEER2
Refrigerant Type: R-454B

JOB NAME _____ LOCATION _____
CONTRACTOR _____ ORDER NO. _____
ENGINEER _____ UNIT MODEL NO. _____
SUBMITTED FOR APPROVAL RECORD COIL MODEL NO. _____
DATE _____ AIR HANDLER MODEL NO. _____

UNIT DATA**COOLING PERFORMANCE**

EFFICIENCY SEER
TOTAL CAPACITY* MBH [kW]
SENSIBLE CAPACITY* MBH [kW]
OUTDOOR DESIGN TEMP..... °F [°C] DB
TEMP. OF AIR ENTERING
EVAPORATOR COIL..... °F [°C] DB
..... °F [°C] WB
POWER INPUT REQUIREMENT kW
(*uses blower motor heat)

HEATING PERFORMANCE

EFFICIENCY HSPF
TOTAL CAPACITY* MBH [kW]
OUTDOOR DESIGN TEMP..... °F [°C] DB
TEMP. OF AIR ENTERING
EVAPORATOR COIL..... °F [°C] DB

SUPPLY AIR BLOWER PERFORMANCE

TOTAL AIR SUPPLY CFM [L/s]
TOTAL RESISTANCE EXTERNAL
TO UNIT IWG
BLOWER SPEED RPM
POWER OUTPUT REQUIREMENT BHP
MOTOR RATING HP [W]
POWER INPUT REQUIREMENT kW

ELECTRICAL DATA

POWER SUPPLY Hz
TOTAL UNIT AMPACITY AMPS
MINIMUM WIRE SIZE AWG
MAXIMUM OVERCURRENT DEVICE
FUSES/HACR BREAKER AMPS

CLEARANCES

ACCESS SIDE	24" [609.6 mm]
AIR INLETS	12" [304.8 mm]
ABOVE UNIT	60" [1524 mm]

FEATURES

- Quiet Operation¹:** Provided by a cabinet construction with 1.0 inch of foil faced insulation for quieter sound characteristics
- Aluminum Indoor Coil Design:** Constructed of aluminum fins bonded to internally grooved aluminum tubing and are more corrosion resistant
- Versatile 4-Way Convertible Compact Design:** Allow 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
- Less than 2% Cabinet Air Leakage 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

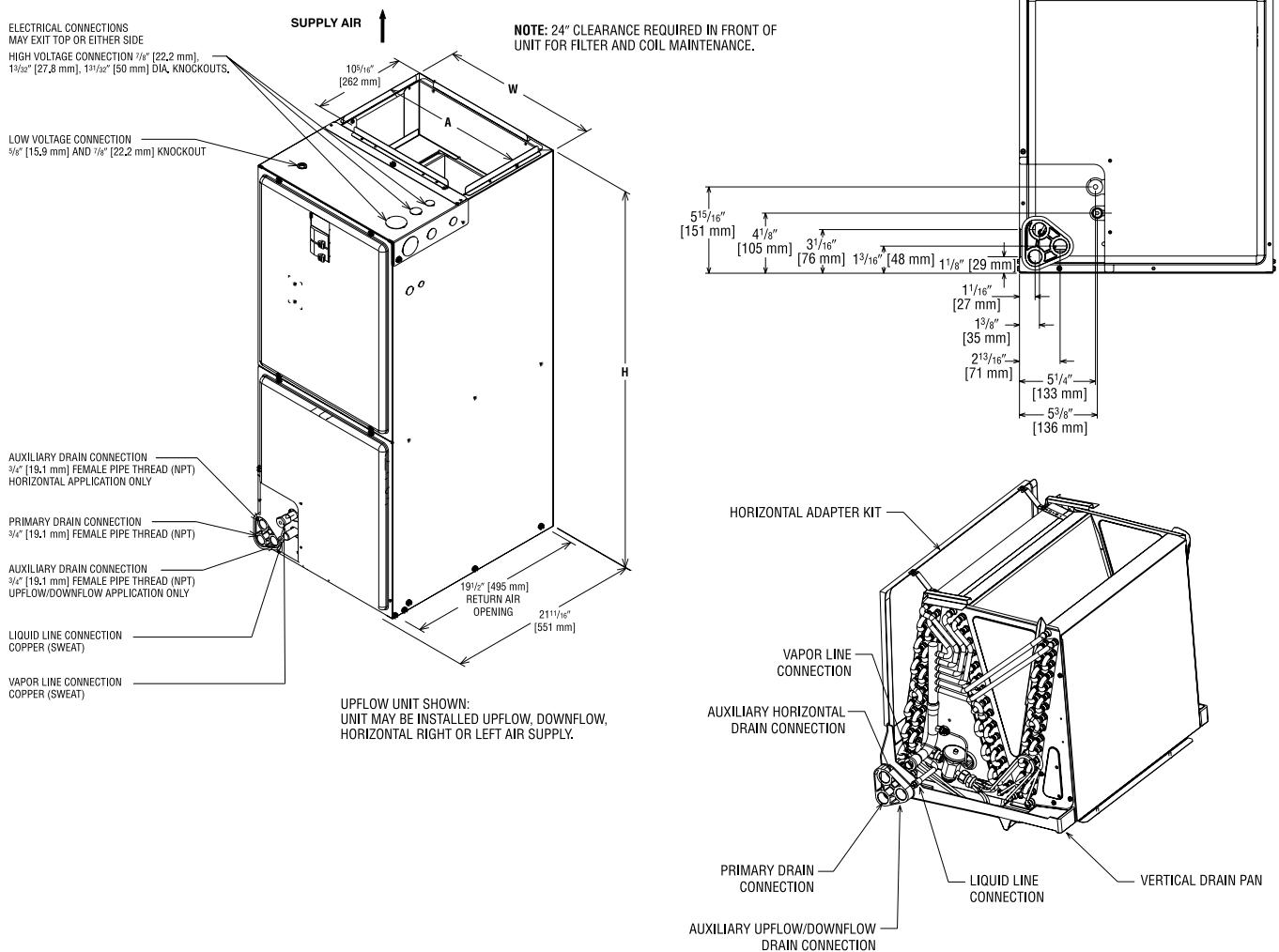
¹Based on manufacturer's air handler offering, and the product's airflow stages, motor type and cabinet insulation. Sound levels are also dependent on air handler location and installation.

²When comparing the GWP of A2L refrigerants to A1 or 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)



(-)H2TY



Unit Dimensions

Model Size (-)H2TY	Refrigerant Connections		Unit Width "W" In. [mm]	Unit Height "H" In. [mm]	Supply Duct "A" In. [mm]	Air Flow		Unit Weight/Shipping Weight (Lbs. [kg])
	Liquid	Vapor				CFM (Nom.) [L/s]	Lo	
2417ST	$3/8$ [9.53]	$3/4$ [19.05]	17 $\frac{1}{2}$ [445]	42 $\frac{1}{2}$ [1080]	16 [406]	600 [283]	800 [378]	92/106 [42/48]
3617ST	$3/8$ [9.53]	$3/4$ [19.05]	17 $\frac{1}{2}$ [445]	42 $\frac{1}{2}$ [1080]	16 [406]	1000 [472]	1200 [566]	96/110 [44/50]
3621ST	$3/8$ [9.53]	$3/4$ [19.05]	21 [533]	42 $\frac{1}{2}$ [1080]	19 $\frac{1}{2}$ [495]	525 [248]	700 [330]	111/126 [50/57]
3621MT**N	$3/8$ [9.53]	$7/8$ [22.23]	21 [533]	50 $\frac{1}{2}$ [1282]	19 $\frac{1}{2}$ [495]	1000 [472]	1200 [566]	126/142 [57/64]
3621MT**A	$3/8$ [9.53]	$7/8$ [22.23]	21 [533]	57 [1448]	19 $\frac{1}{2}$ [495]	1000 [472]	1200 [566]	137/149 [62/68]
4821ST**N	$3/8$ [9.53]	$7/8$ [22.23]	21 [533]	50 $\frac{1}{2}$ [1282]	19 $\frac{1}{2}$ [495]	1400 [661]	1600 [755]	128/144 [56/65]
4821ST**A	$3/8$ [9.53]	$7/8$ [22.23]	21 [533]	57 [1448]	19 $\frac{1}{2}$ [495]	1400 [661]	1600 [755]	139/151 [63/68]
4824ST**N	$3/8$ [9.53]	$7/8$ [22.23]	24 $\frac{1}{2}$ [622]	55 $\frac{1}{2}$ [1410]	23 [584]	1050 [495]	1400 [660]	128/146 [58/66]
6021ST**A	$3/8$ [9.53]	$7/8$ [22.23]	21 [533]	57 [1448]	19 $\frac{1}{2}$ [495]	1600 [755]	1725 [814]	139/151 [63/68]
6024ST	$3/8$ [9.53]	$7/8$ [22.23]	24 $\frac{1}{2}$ [622]	55 $\frac{1}{2}$ [1410]	23 [584]	1200 [566]	1600 [755]	161/178 [73/81]

[] Designates Metric Conversions

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

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