



Features:

- Vertical Up-Flow application (See VL* Applications on Pages 23 - 24)
- Front Return Air
- Fully insulated cabinet
- Tabs for stud or wall mounting are stamped into cabinet exterior
- Long Life Aluminum or Copper DX Coils
- Aluminum fins and end plates
- 1.0 to 3.0 Tons Cooling Capacity
- 3/4" MPT Primary and Secondary drains
- 3/ 8" Liquid Refrigerant Line
- 3/ 4" Suction Refrigerant Line
- Time Delay Relay
- 24 volt Control Transformer
- 208/ 230 VAC operation

Optional Features:

- Factory or field install Heat Pump TXV and Check Valve
- Lower Coil panel for Bottom Return
- Front Return Grilles
- Factory installed Electric Heat, Disconnect, and Float Switch
- *Freeze - Stat or Enter Water T - Stat

VL* 36 - 2 8 7 4 T + D V* - 8

AHU Model

VL *VLB *VLF VLL
 *VL*W *VLLW

Nominal Cooling Capacity (MBUTH)

Coil Number of Rows

Coil Height

Coil Length

*VLB - 18" Coil - Bottom Return Only
 *VLF - 17" Coil - Front or Bottom Return

Fins Per Inch

0 - 10 FPI 2 - 12 FPI 4 - 14 FPI
 6 - 16 FPI 8 - 18 FPI

Heat Option

Heat Strip kW
 3, 5, 6, 8, 10, 15

Hydronic

V* - Hydronic Coil
 V(2, 3, 4) - Coil Row

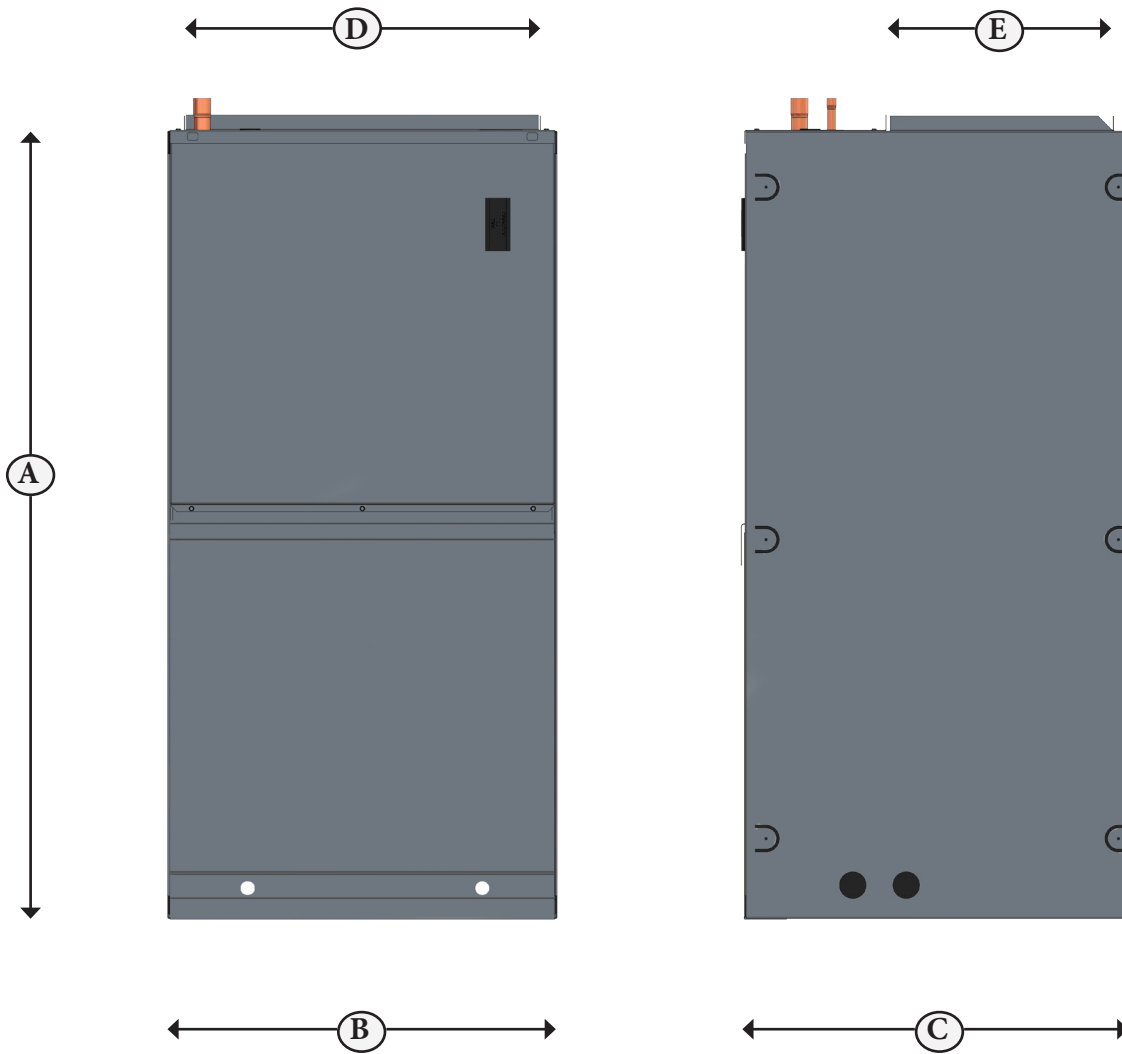
Option/ Accessory

+D - Time Delay Required
 +V - Expansion Valve (Cooling Only)
 +VP - Expansion Valve (Heat Pump)

Tube Type

G - Long Life Aluminum
 T/E - Rifled Copper

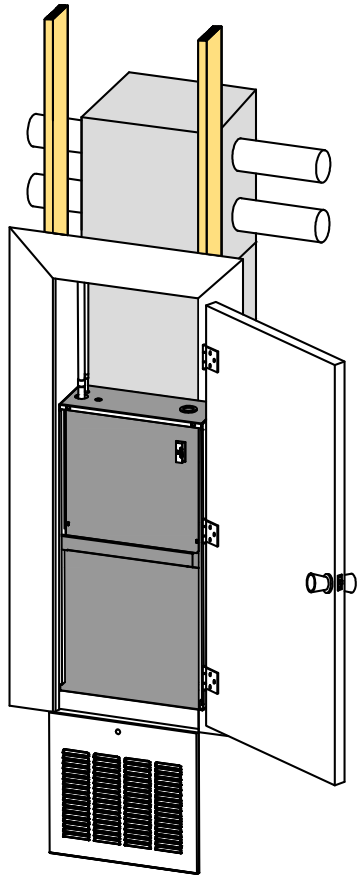
- *VL*W (D,B,F)/ VLLW - Hydronic Air Handler
- *VLB - 18" Coil - Bottom Return Only
- *VLF- 17" Coil - Front or Bottom Return



Cabinet Dimensions						
Model	Cabinet Height - A	Cabinet Width - B	Cabinet Depth - C	Plenum Width - D	Plenum Depth - E	Filter Size
VL 18 - 24	36.75"	18.25"	18.25"	16.50"	10.50"	18" x 18" x 1"
VL* (B,F) 18 - 36	40.00"	20.00"	23.00"	18.50"	16.00"	20" x 20" x 1"
VL*W (D,B,F) 18 - 36	40.00"	20.00"	23.00"	18.50"	16.00"	20" x 20" x 1"
VLL 30 - 36	40.00"	24.00"	24.00"	22.25"	18.00"	24" x 24" x 1"

OPTIONAL RETURN GRILLE		
Model	Height	Width
UNIT MOUNTED GRILLES		
RTS - 1AS (VL)	38.00"	20.50"
RTS - 2AS (VL*)	41.50"	22.50"
WALL MOUNTED GRILLES		
RTU - 1AS (VL)	41.75"	22.75"
RTU - 2AS (VL*,VL*W)	44.75"	24.75"

VL* Applications



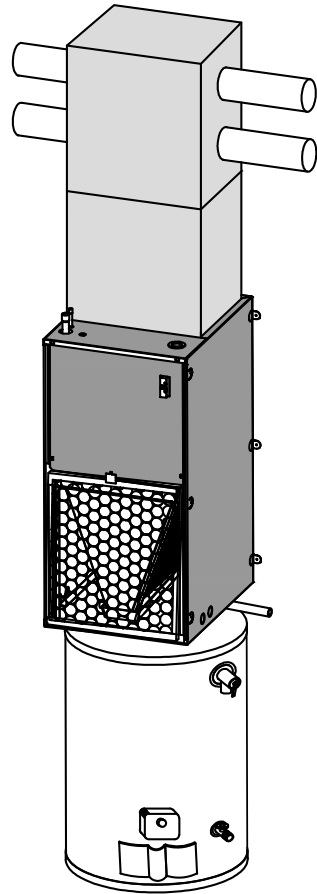
VL* Air Handler Installed in Closet

To install the VL* unit into the closet, remove bottom duct board and install a solid bottom door panel. Then install a filter grille below.

VL* Bottom Door Panel

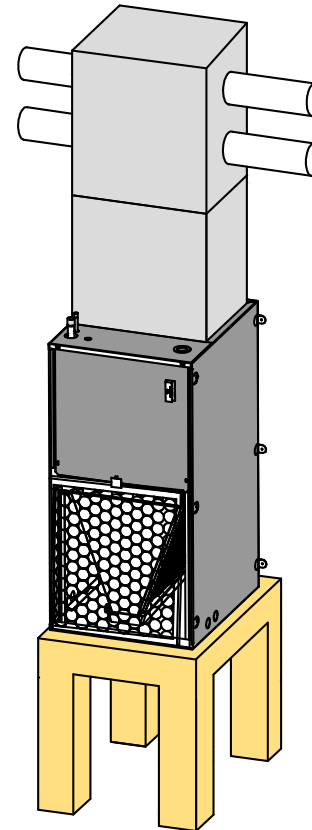
Part #

- VL* - LCP - 1AS
- VLD* - LCP - 2AS

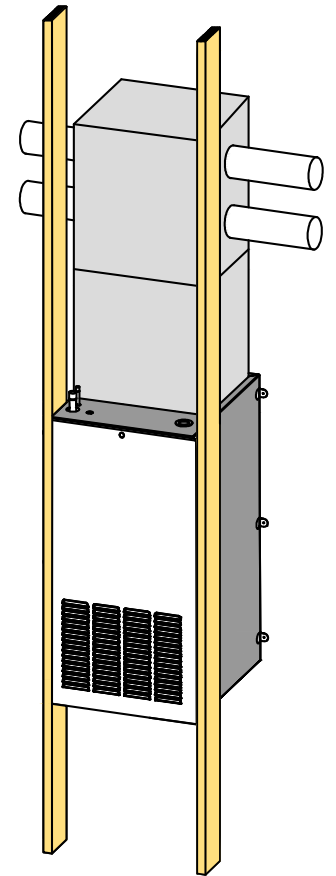


VL* Air Handler Installed Above a Water Heater

To install the VL* unit above a hot water heater, take solid panel off and install filter in front of the unit.



VL* Air Handler Attached to Back Wall
OR
Mounted on a Platform in Utility Room



VL* Air Handler Installed in a Stud / Wall Mount Application

Filter Panel Available in Various Sizes