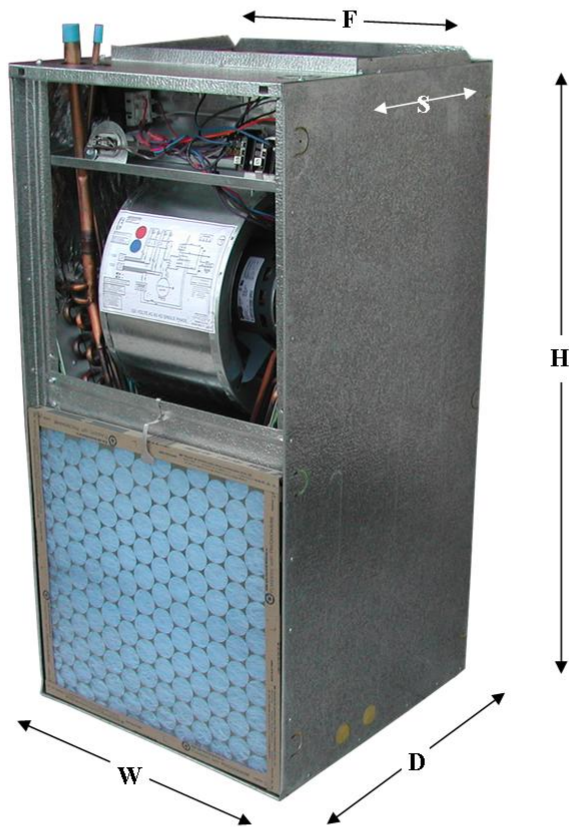


## VL / VLX SERIES STUD MOUNT AIR HANDLERS



OPTIONAL RETURN GRILLES		
Model	Height	Width
<b>LOUVERED PANEL</b>		
RTU - 1AS	41.75"	22.75"
RTU - 2AS	44.75"	24.75"
<b>SOLID PANEL</b>		
RTS - 1AS	41.75	22.75
RTS - 2AS	44.75	24.75

### PRODUCT FEATURES

**VERTICAL UP-FLOW APPLICATIONS  
FRONT RETURN AIR  
FULLY INSULATED CABINET**

**TABS FOR STUD OR WALL MOUNTING ARE  
STAMPED INTO CABINET EXTERIOR**

**HEAVY COPPER COIL W/ ALUMINUM FINNS  
& ALUMINUM END PLATES  
1.0 TO 4.0 TONS COOLING CAPACITY**

**3/4" FPT PRIMARY AND SECONDARY  
DRAINS**

**TIME DELAY RELAY  
24-VOLT CONTROL TRANSFORMER  
208/230 VOLT OPERATION**

### OPTIONAL FEATURES

**HEAT PUMP TXV & CHECK VALVE  
LOWER COIL PANEL  
FRONT RETURN GRILLES  
FACTORY OR FIELD INSTALL TXVs  
FACTORY INSTALLED ELECTRIC HEAT  
3,5,6,8,10,15, OR 20 KW  
SLIDE IN DX COIL**

### PRODUCT DIMENSIONS

Model	Cabinet Width W	Cabinet Depth D	Cabinet Height H	Plenum Depth S	Plenum Width F	Filter Size	Louvered Panel	Solid Panel
VL12 - 30	18.25"	18.00"	36.75"	10.50"	16.50"	18x18x1"	RTU-1AS	RTS-1AS
VLX - 36	20.50"	22.00"	40.00"	15.00"	19.00"	20x20x1"	RTU-2AS	RTS-2AS
VLX - 42 & 48	20.50"	22.00"	40.00"	15.00"	19.00"	N/A	N/A	N/A

Note: VLX - 42 & VLX 48 can only be installed with bottom return & require lower coil panel.

## VL / VLX SERIES STUD MOUNT AIR HANDLERS

### BLOWER PERFORMANCE

Model	Speed	Static Pressure				
		0.1	0.2	0.3	0.4	0.5
VL12	Low	665	615	500	420	340
	Medium	805	750	650	600	505
	High	925	850	800	710	600
VL18	Low	745	700	640	580	500
	Medium	950	900	825	745	650
	High	1050	1005	925	840	750
VL24	Low	745	700	640	580	500
	Medium	950	900	825	745	650
	High	1050	1005	925	840	750
VL30	Low	700	660	600	520	430
	Medium	1005	965	880	800	710
	High	1100	1060	1000	920	830
VLX36	Low	1080	1025	950	870	775
	Medium	1200	1160	1100	1020	930
	High	1315	1270	1200	1125	1040
VLX42	Low	1520	1460	1400	1330	1240
	High	1760	1680	1585	1485	1365
VLX48	Low	1520	1460	1400	1330	1240
	High	1760	1680	1585	1485	1365

### ELECTRICAL SPECIFICATIONS

Model	KW @ 240 VAC	BTUH	AMPS	MCA Ckt 1	MCA Ckt 2	MOP Ckt 1	MOP Ckt 2
VL12-30	0	0	1.5	2	0	15	0
VL12-30	3	10,257	14	18	0	20	0
VL12-30	4.8	16,411	22	27	0	30	0
VL12-30	6	20,512	27	34	0	40	0
VL12-30	8	27,352	35	44	0	50	0
VL12-30	9.6	32,822	42	52	0	60	0
VLX-36	0	0	3	4	0	15	0
VLX-36	3	10,257	16	20	0	20	0
VLX-36	4.8	16,411	23	29	0	30	0
VLX-36	6	20,512	28	35	0	40	0
VLX-36	8	27,352	37	46	0	50	0
VLX-36	9.6	32,822	43	54	0	60	0
VLX-36	14.4	49,234	63	54	25	60	30
VLX-36	19.2	65,649	83	54	50	60	50
VLX42-48	0	0	4	5	0	15	0
VLX42-48	3	10,257	17	21	0	30	0
VLX42-48	4.8	16,411	24	30	0	40	0
VLX42-48	6	20,512	29	37	0	40	0
VLX42-48	8	27,352	38	47	0	50	0
VLX42-48	9.6	32,822	44	55	0	60	0
VLX42-48	14.4	49,234	64	55	25	60	30
VLX42-48	19.2	65,649	84	55	50	60	5

Refer to applicable electrical code for correct wire and disconnect sizing.  
 15 and 20 KW models are factory standard with installed twin double pole breakers.  
 Specifications can change without notice.



VL Shown with optional return grille.
