

VT2

VARA-THERM 2

Compact ECM Hydronic Fan Coil

This compact hydronic air handler provides the flexibility for installation in any up flow or horizontal application. The five speed ECM blower motor provides CFM settings to match most applications. The two models provide air flow ranging from 600–2000 CFM.

BENEFITS

- ECM constant torque motor provides low energy usage
- ¾" Coil Connections
- Available orientation with up-flow and horizontal left configurations
- Low speed constant fan for maximum comfort
- Optional electric heat from 5 - 20 kW
- Plastic drain pan (non-rusting) with primary and secondary overflow drain
- Field selectable fan speeds
- Insulated cabinet for quiet operation and reduced condensation
- 208/240V single phase 60 Hz operation.
- Oversized 4 Row coil for excellent dehumidification

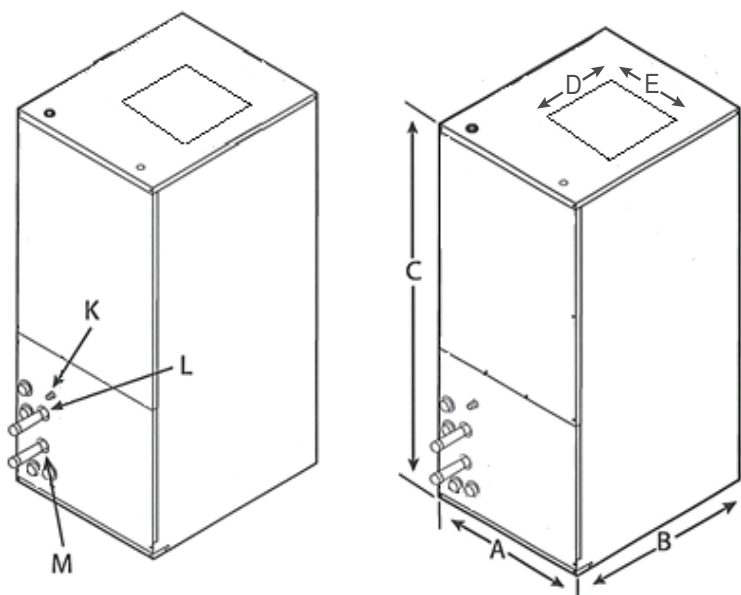
NOTE: These fan coils require a P-Trap in the condensate drain because the water coil is in a negative pressure environment.



PERFORMANCE & DIMENSIONS

Model	Size	CFM	GPM	HEATING CAPACITY			Pd FT Water	COOLING CAPACITY				Pd FT Water	Pd Air (WC)
				Based on 70°F Entering Air				80°F / 67° F / 45°F		80°F / 67° F / 42°F			
				100°F	110°F	115°F		Total	Sensible	Total	Sensible		
VT2 2/3	2 Ton	800	3.5	20,813	27,857	31,395	0.98	27,344	20,678	30,391	22,044	1.35	0.26"
			4.0	21,337	28,548	32,167	1.24	28,867	21,474	32,109	22,799	1.71	
			5.0	22,062	29,510	33,232	1.84	31,328	22,269	34,922	23,860	2.54	
	3 Ton	1,200	5.0	27,286	36,526	41,165	1.84	37,500	29,600	41,100	31,150	2.54	0.28"
			6.5	29,095	38,929	43,864	2.94	41,800	31,500	46,000	33,300	4.04	
			8.0	30,292	40,514	45,640	4.24	45,000	32,900	50,000	35,000	5.90	
VT2 4/5	4 Ton	1,600	6.5	38,114	50,979	57,433	4.91	52,000	40,400	56,900	42,500	6.76	0.19"
			8.5	40,712	54,433	61,313	7.90	58,350	43,100	64,300	45,600	10.87	
			10.5	42,380	56,654	63,794	11.49	63,300	45,200	70,000	48,100	15.81	
	5 Ton	2,000	7.0	44,314	59,294	66,811	5.60	59,500	47,700	64,750	50,000	7.71	0.27"
			10.0	48,795	65,258	73,515	10.53	69,200	52,100	76,300	55,100	14.50	
			13.0	51,389	68,697	77,373	16.77	76,400	55,200	84,650	58,700	23.08	
				Pressure drops measured using 70° F water				Pressure drops measured using 45° F water.					

DIMENSIONS:



Model	Width A	Depth B	Height C	D	E
VT2 2/3	21"	26"	44"	10.25"	13.25"
VT2 4/5	21"	26"	48"	10.25"	13.25"

K	1/4" Air Bleed
L	3/4" Water In
M	3/4" Water Out

