

Enfinity™ Vertical Water Source Heat Pumps—1/2 to 5 Tons

- Broadest selection of non-CFC, R-410A refrigerant
- Standard or geothermal application flexibility
- Easy, low cost design and installation
- High efficiency, low operating costs
- Superior indoor air quality and quiet operation
- Easy, low cost maintenance and service
- Flexible control options include standalone or network operation using LONWORKS® or BACnet® communications
- Performance rated with ISO Standard 13256-1

For more detail, refer to Catalog 1100. For the most current information, refer to www.mcquay.com.

Enfinity Models FCV/FCW



Plastic, double-sloped drain pan

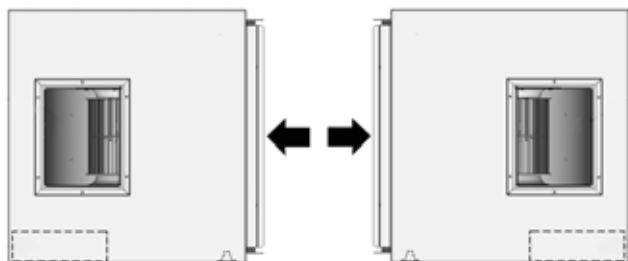


Thermal expansion valve (standard and geothermal models)



Removable orifice ring

Flexible Air Configurations (Top View)



Right hand return top discharge

Left hand return top discharge



Available LONMARK certified

Capacity and Performance Data

Infinity Model FCV/FCW Vertical Units

Unit size	Airflow		Water flow		Water loop*						Ground loop**						Dimensions L x W x H, in (mm)
					Cooling 86°F (30°C)			Heating 68°F (20°C)			Cooling 77°F (25°C)			Heating 32°F (0°C)			
	cfm	L/S	gpm	L/S	Btuh	Watts	EER	Btuh	Watts	COP	Btuh	Watts	EER	Btuh	Watts	COP	
007	230	109	1.4	0.09	6200	1815	12.2	8000	2342	4.3	6600	1933	14.2	5000	1464	3.1	22.0 x 22.0 x 31 3/16 (559 x 559 x 792)
009	300	142	2.2	0.14	8500	2489	11.8	11,600	3397	4.3	9100	2665	13.8	7400	2167	3.3	
012	400	189	3.1	0.20	11,200	3279	12.1	15,200	4451	4.3	12,000	3514	14.2	9400	2752	3.2	
019	630	297	5.2	0.33	19,800	5798	13.9	24,900	7291	4.7	21,400	6266	16.2	14,800	4334	3.5	24.0 x 24.0 x 39 3/16 (610 x 610 x 995)
024	800	378	5.9	0.37	22,800	6676	13.0	30,200	8843	4.7	24,500	7174	15.1	18,400	5388	3.6	
030	1000	472	7.2	0.45	30,400	8901	14.6	37,200	10,893	4.8	31,400	9194	16.9	24,500	7174	3.5	
036	1200	566	8.8	0.56	35,700	10,453	15.1	43,800	12,825	4.9	36,900	10,805	17.4	29,200	8550	3.7	27.0 x 23.0 x 41 1/8 (687 x 584 x 1045)
042	1400	661	10.7	0.68	41,000	12,005	15.1	51,900	15,197	4.9	42,700	12,503	17.6	33,900	9926	3.7	
048	1600	755	11.6	0.73	45,700	13,381	13.8	56,900	16,661	4.5	47,900	14,026	16.1	36,700	10,746	3.3	
060	2000	944	14.8	0.93	60,100	17,598	13.9	74,300	21,756	4.7	61,300	17,949	16.0	48,200	14,113	3.5	32 1/2 x 28.0 x 47 1/8 (826 x 711 x 1197)

Notes:

Length is the return air opening (filter) side of the unit. Right or left hand return of unit is determined by facing the piping connection side of the unit.

*Rated in accordance with ISO Standard 13256-1 Boiler/Tower.

**Rated in accordance with ISO Standard 13256-1 Ground Cooled.

