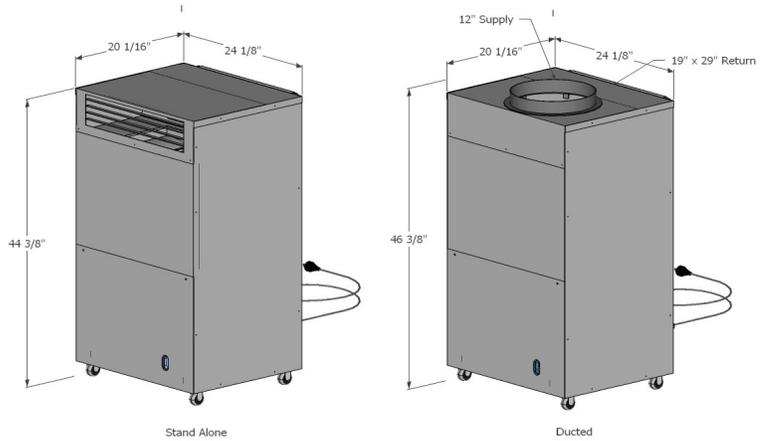


Well-CONNECT Hybrid Geothermal

Manufactured in Alpena Michigan By Terra Caloric, LLC (www.wellconnectgeo.com)

Well-Connect Model WCVC16 Technical Specifications



Physical Data:	
Height	44"
Width	24"
Depth	20"
Weight	240 lbs
Filter Size	20" x 30" x 1"
Minimum Clearances	6" to Sides 2' to Top 3' to Front
Max. Static	0.5"
CFM @ 0.5" ESP	770 CFM
Refrigerant	R-410A / 51 oz

Electrical Data:	
60 Hz Power	230V - 1 Phase
Max.Fuse/Breaker	20.0 Amps
Min. Circuit Amps	13.9 Amps
Total Unit FLA	11.6 Amps
Compressor RLA	9.0 Amps
Compressor LRA	48.0 Amps
Blower Motor FLA	2.6 Amps
Connection Type	NEMA 6-20 plug, 4' Cord
Unit capacity (MBTUH)	Nominal 1.5 tons (18,000 btu/hr)



Water:	
Required Flow (min/max pressure: 15 to 75 psi)	Nominal 2 GPM (flow regulator included)
Minimum Incoming Water Temp @ 2gpm	45°F (7.5°C)
Unit Water Connections	3/4" Male Hose Thread (Supply & Discharge)
Maximum Discharge Height Above Unit	15 ft. (Minimum 3/4" ID pipe size)

Performance Data from Energy Star Verification Test 2018					
Heating	COP	Power Input	Cooling	EER	Power Input
18,326 btu/hr	4.80	1,168 watts	23,578 btu/hr	25.98	970 watts
Tested in accordance with ISO Standard 13526-1, which includes corrections for pumping and fan power. Heating capacity based on 68°F DB/59°F WB entering air temperature. Cooling capacity based on 80.6°F DB/66.2°F WB entering air temperature. Entering water temperature: 50°F heating / 59°F cooling. Ground Water Heat Pump Application (GWHP). Nominal airflow 700 CFM.					

Standard Features:	
ECM Constant Torque Blower Motor Built-in 2 nd Stage Heating Relay Cupro-Nickel Water Coil 'Easy-Clean' Spin Down Water Filter	Galvanized Metal Return Air Plenum 12" Dia. Butterfly Discharge Air Damper Freeze Relief Water Discharge Fitting Data Logger with web display