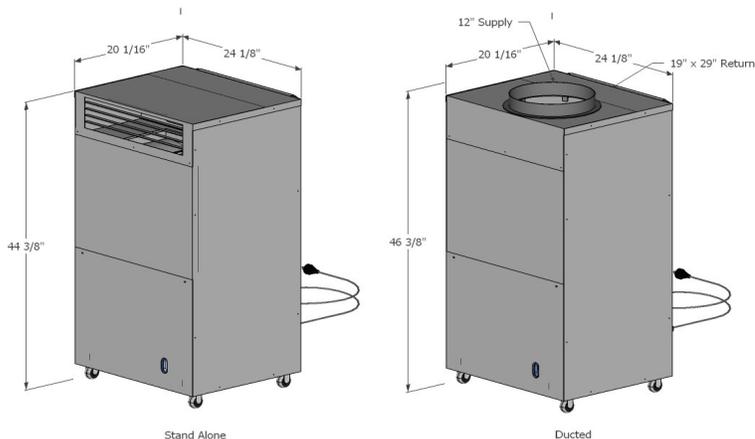


Hybrid Geothermal WELLCONNECT

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

Well-Connect Model WCVC24 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 | 1140 CFM |
| Refrigerant | R-410A / 51 oz |

| Electrical Data: | |
|-----------------------|-------------------------------------|
| 60 Hz Power | 230V - 1 Phase |
| Max. Fuse/Breaker | 20.0 Amps |
| Min. Circuit Amps | 18.6 Amps |
| Total Unit FLA | 15.4 Amps |
| Compressor RLA | 12.8 Amps |
| Compressor LRA | 64.0 Amps |
| Blower Motor FLA | 2.6 Amps |
| Connection Type | NEMA 6-20 plug, 4' Cord |
| Unit capacity (MBTUH) | Nominal 2.5 tons (30,000 btu/hr) |



| Water: | |
|--|--|
| Required Flow (min/max pressure: 15 to 75 psi) | Nominal 3.5 GPM (flow regulator included) |
| Minimum Incoming Water Temp @ 3.5 gpm | 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 2019 | | | | | |
|---|------|-------------|---------------|-------|-------------|
| Heating | COP | Power Input | Cooling | EER | Power Input |
| 28,330 btu/hr | 4.84 | 1,833 watts | 33,729 btu/hr | 23.46 | 1,557 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 1000 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 |