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 ¾” ID pipe size)

Performance Data from Energy Star Verification Test 2019

<table>
<thead>
<tr>
<th>Mode</th>
<th>Heating COP</th>
<th>Heating Power Input</th>
<th>Cooling Energy Efficiency</th>
<th>Cooling Power Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating</td>
<td>4.84</td>
<td>1,833 watts</td>
<td>23.46</td>
<td>1,557 watts</td>
</tr>
<tr>
<td>Cooling</td>
<td>20.0</td>
<td>1,680 watts</td>
<td>23.46</td>
<td>1,310 watts</td>
</tr>
</tbody>
</table>

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.
Enter temperature at 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 2nd 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

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