VNT5200H1000
Ventilation System

VNT5200H Capacities and Performance

<table>
<thead>
<tr>
<th>Part Number:</th>
<th>VNT5200H1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Weight:</td>
<td>50 lbs (22.68 Kg)</td>
</tr>
<tr>
<td>Input Voltage:</td>
<td>120 VAC; 60 Hz.</td>
</tr>
<tr>
<td>Input Current:</td>
<td>1.5 A</td>
</tr>
<tr>
<td>Output Power to Terminals:</td>
<td>5 VDC, 1.0 A</td>
</tr>
</tbody>
</table>

Operating Ranges:
- Temp: 34–135 ºF (1.1–57.2 ºC)
- Humidity: 0-99% RH
- CFM: 50–220

Type of Heat Exchanger: Cross-flow (Polypropylene)

Exchange Surface: 150 sq. ft.

Heat Core Dimensions:
- Width: 15 in. (381 mm)
- Height: 12 in. (305 mm)
- Length: 12 in. (305 mm)

Filter Dimensions:
- Height: 12 in. (305 mm)
- Width: 15 in. (381 mm)

Shipping Specs:
- Length: 27.5 in. (698 mm)
- Height: 18.4 in. (468 mm)
- Width: 25.8 in. (656 mm)
- Weight: 57.5 lbs (26.08 Kg)

Defrost Type: Evacuation

Drain Tubing Diameter: 1/2 in. (12.7 mm)

Flexible Duct (2):
6 in. round for inlet and outlet. Flexible vinyl, compatible for connection to rigid or flexible ducting with sheet metal screws and/or tape.

Cabinet:
20 gauge galvanized steel powder-coat painted.

Certification:
HVI, cCSAus, CSA 22.2 N°113

Conforms to UL Std. 1812.

Install the unit according to National Electric Codes.

For more information call 1-800-468-1502 or visit our website at customer.honeywell.com.

The Honeywell Ventilation System provides improved indoor air quality through its high performance and efficiency.

Features
- 2 operating modes (Intermittent and Continuous Ventilation)
- Variable speed
- Compact installation
- Sloped drain pan
- Backward inclined motor blades
- Permanent lubrication of PSC motors
- Door opens downward
- No obstruction around the drain pan
- Simple electronic control
- Easy access to the control connection box
- Detachable 6 inch (dia.) collar system
- Proportional defrost
- Speed control balancing system
- Simplified mounting system
- Lifetime limited warranty on the HRV core
- 10-year limited warranty on ventilation motors
- 5-year warranty
Removable Duct Collars
Spend less time on the ladder by easily connecting the duct-work to the collars away from the unit before it's hung, and then sliding the collars back into place once ducted.

Intuitive Balancing
Two variable-speed motors — one for each air stream — work with the integrated speed control so installers can adjust the speed of each motor up and down to easily balance the system. This eliminates the need for adjusting dampers.

Adjustable Hanging Straps
Just like tightening or loosening straps on a backpack, these straps make it easy to raise, lower and level the unit into place.

Ventilation Performance VNT5200H

<table>
<thead>
<tr>
<th>External Static Pressure Pa</th>
<th>Net Supply Air Flow L/s</th>
<th>CFM</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>117</td>
<td>248</td>
</tr>
<tr>
<td>50</td>
<td>108</td>
<td>229</td>
</tr>
<tr>
<td>75</td>
<td>102</td>
<td>218</td>
</tr>
<tr>
<td>100</td>
<td>94</td>
<td>200</td>
</tr>
<tr>
<td>125</td>
<td>85</td>
<td>181</td>
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<tr>
<td>150</td>
<td>77</td>
<td>163</td>
</tr>
<tr>
<td>175</td>
<td>69</td>
<td>146</td>
</tr>
</tbody>
</table>

Push Through—Operation System
Outside air is pushed through the heat exchanger, which acts as a noise reducer. This process is very silent and provides you with better home comfort.

Proportional Defrost—Operation System
The defrost energy is controlled by the outdoor air temperature. The motor speed essentially increases as outdoor temperature drops to provide increased defrost capability.

**WARNING:** Installation must be performed by a qualified service technician and must comply with local codes. Remove power to the device before installing or servicing the device. Failure to connect the device according to these instructions may result in damage to the device or the controls.

Energy Performance VNT5200H

<table>
<thead>
<tr>
<th>Supply Temperature °C</th>
<th>Net Supply Air Flow L/s</th>
<th>Average Power Watts</th>
<th>Sensible Recovery Efficiency (%)</th>
<th>Apparent Sensible Effectiveness (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Heating</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>55</td>
<td>118</td>
<td>106</td>
<td>61</td>
</tr>
<tr>
<td>0</td>
<td>75</td>
<td>160</td>
<td>132</td>
<td>58</td>
</tr>
<tr>
<td>0</td>
<td>87</td>
<td>185</td>
<td>150</td>
<td>55</td>
</tr>
<tr>
<td>-25</td>
<td>57</td>
<td>120</td>
<td>105</td>
<td>58</td>
</tr>
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