The Office Pro W20 by MovinCool is a water-cooled, portable spot air conditioner that offers a cooling capacity of 15,700 Btu/h. The unit, which is MovinCool’s first water-cooled model, is designed for applications where an air-cooled spot air conditioner cannot be used because there is no drop ceiling or other available space to exhaust hot air into.

The Office Pro W20 is self-contained and no external condensing unit or refrigerant charging are required, saving construction, installation and maintenance costs. The unit can simply be wheeled into place, connected to a water supply, plugged into a standard 115-V electrical outlet and turned on.

- Ideal operating temperature range of 65°-95°F for cooling IT equipment and offices
- Wide water supply temperature range of 40°-90°F and minimum water pressure only 12 psi, making it suitable for a wide variety of applications
- Operates automatically after-hours or on weekends with easy-to-use programmable controls
- Connects to a fire-alarm system to allow emergency shutdown
- Signal output for remote notification of system errors or failure
### TECHNICAL SPECS

<table>
<thead>
<tr>
<th>Electronic Features</th>
<th>Control</th>
<th>OFFICE PRO® W20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling Capacity</strong></td>
<td>Total cooling capacity</td>
<td>15,700 Btu/h</td>
</tr>
<tr>
<td>Air: 80°F at 50% RH</td>
<td>Sensible cooling capacity</td>
<td>10,800 Btu/h</td>
</tr>
<tr>
<td>Water (EWT/LWT): 85°F/95°F</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electrical Characteristics</th>
<th><strong>Voltage Requirement</strong></th>
<th><strong>Total Power Consumption</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 Phase, 115V</td>
<td>1.27 kW</td>
</tr>
<tr>
<td></td>
<td>11.7 amps</td>
<td>105-125</td>
</tr>
<tr>
<td></td>
<td>15 amps</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5-15</td>
<td></td>
</tr>
</tbody>
</table>

| **EER** | 12.3 |

<table>
<thead>
<tr>
<th><strong>Fans</strong></th>
<th>Motor Output - High/Low</th>
<th>0.11/0.08 kW</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Evaporator</strong></th>
<th>Fan Type</th>
<th><strong>Centrifugal</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Max. Air Flow - High/Low</td>
<td>565/540 CFM</td>
</tr>
<tr>
<td></td>
<td>Max. External Static Pressure</td>
<td>0.31 IWG</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Condenser</strong></th>
<th>Water Cool Condenser (4.8 GPM min)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Compressor</strong></th>
<th>Type</th>
<th>Hermetic Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Output</td>
<td>1.16 kW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Refrigerant</strong></th>
<th>Type</th>
<th>R-410A</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Dimensions</strong></th>
<th>W x D x H</th>
<th>21 x 27 x 41.5 in</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Net Weight/Shipping Weight</strong></th>
<th>178/209 lbs</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Power Cord</strong></th>
<th>Gauge/Length</th>
<th>14 AWG (3-core)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>10 ft</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Condensate Tank Capacity</strong></th>
<th>Auto Pump Included</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5 gal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Operating Conditions</strong></th>
<th>Min. - Max. (@50% RH)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>65°F - 95°F</td>
</tr>
<tr>
<td></td>
<td>40°F - 90°F (Condenser Water)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Max. Equivalent Duct Length</strong></th>
<th>Per Cold Duct Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25 ft</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Max. Sound Level</strong></th>
<th>Without Condenser Duct - High/Low</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>62/60 dB(A)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Water Pressure</strong></th>
<th>Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12 psi</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Water Valve Connection</strong></th>
<th>Inlet/Outlet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/2” NPT Female</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

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