Baldwin™-Series M325D Digital Cooler
New Digital Control System, Same Reliable Performance

The new Baldwin™-Series digital M325D thermo-electric coolers by Perma Pure are a powerful combination of the proven track record of Baldwin™-Series classic coolers with a new digital control system. This combination ensures reliable performance for high flow rate, high ambient temperature, and high water volume applications.

Key Features

– Reliable dedicated Digital Control System keeps your system operating efficiently
– Advanced P.I.D. control algorithm increases temperature control precision to maintain analysis accuracy
– Continuous display of temperature eliminates guess work – a quick look tells it all
– Alarm outputs provide alarm interface capability for your data acquisition system as well as direct control of sample pumps
– Configurable for simple control of multiple sample streams
– Individual water slip sensors and alarm outputs safeguard against upset conditions
– Gas stream temperature output allows direct monitoring, eliminating guess-work
– Voltage Autosensing
– MODBUS for remote monitoring

All Baldwin™-Series coolers use thermo-electric elements (Peltiers) to cool the sample gas to the desired dew point temperature. Condensate can be removed as it forms by an available peristaltic pump.

All Baldwin™-Series coolers include:

– Dependable water removal
– Low maintenance
– Single or dual sample streams
– Alarm relays protect analyzers
– EZ-Clean twist-apart impingers (Optional)
– Durinert coated impingers (Optional)
Standard Capacity from 2 to 4 LPM

<table>
<thead>
<tr>
<th>Model</th>
<th>Standard Capacity</th>
<th>Impingers</th>
<th>Dimensions (H x W x D)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M325D</td>
<td>2-4 LPM (4-9 SCFH)</td>
<td>Passive 1 x 5 in, Active 1 x 5 in</td>
<td>13 x 7 x 11 in (33 x 18 x 29 cm)</td>
<td>17 lbs (8 kg)</td>
</tr>
</tbody>
</table>

Intelligent Product Numbering System

Follow the below 5 steps to determine your product number.

**Step 1: Select Model (Required)**

M325D 4C-M325D

**Step 2: Select Voltage (Required)**

Auto Senseing 0

**Step 3: Select Impingers (Required)**

<table>
<thead>
<tr>
<th>Impingers</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; Stainless Steel, EZ Clean Twist-Apart Impingers</td>
<td>ES</td>
</tr>
<tr>
<td>5&quot; Glass Impingers, threaded with fittings</td>
<td>G</td>
</tr>
<tr>
<td>5&quot; Kynar Impingers</td>
<td>K</td>
</tr>
<tr>
<td>5&quot; Stainless-Durinert coated, EZ Clean Twist-Apart Impingers</td>
<td>ED</td>
</tr>
</tbody>
</table>

**Step 4: Select NJ Thermocouple Option (Stainless Steel and Stainless-Durinert Coated Impingers Only)**

New Jersey thermocouple temperature sensor; lead wires only NJ

**Step 5: Select Water Slip Sensor Option**

Water slip sensor with inline flow holder; 1/4" Kynar tube fittings WS

Example Product Number

<table>
<thead>
<tr>
<th>4C-M325D</th>
<th>0</th>
<th>ES</th>
<th>NJ</th>
<th>WS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooler</td>
<td>Voltage</td>
<td>Impingers</td>
<td>NJ Thermocouple</td>
<td>Water Sensor</td>
</tr>
</tbody>
</table>

©2018 Perma Pure LLC. All rights reserved. Specifications subject to change.

Nafion® is a registered trademark of The Chemours Company.