Baldwin™-Series 5210D Digital Cooler
New Digital Control System, Same Reliable Performance

The new Baldwin™-Series digital 5210D 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
- 115 or 230 VAC models
- Coming Soon – 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)

Making Analysis Possible
Intelligent Product Numbering System

Follow the below 5 steps to determine your product number.

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

5210D 4C-5210D

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

115 VAC, 50/60 Hz 1A
230 VAC, 50 Hz 2A

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

10” Stainless Steel, EZ Clean Twist-Apart Impingers ES
10” Glass Impingers, threaded with fittings G
10” Kynar Impingers K
10” Stainless-Durinert coated, EZ Clean Twist-Apart Impingers ED

**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>Cooler</th>
<th>Voltage</th>
<th>Impingers</th>
<th>NJ Thermocouple</th>
<th>Water Sensor</th>
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<tbody>
<tr>
<td>4C-5210D</td>
<td>1A</td>
<td>ES</td>
<td>NJ</td>
<td>WS</td>
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<table>
<thead>
<tr>
<th>Water Concentration (Volume %)</th>
<th>Flowrate (LPM)</th>
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