

# 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.

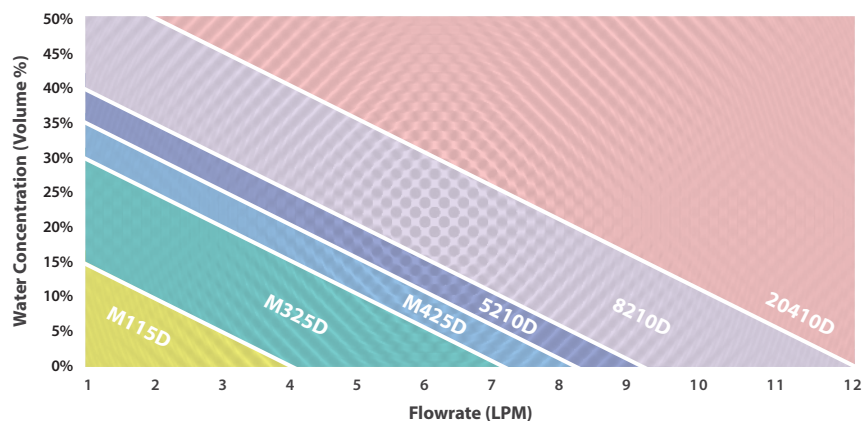
### All Baldwin™-Series coolers include:

- Dependable water removal
- Low maintenance
- Single or dual sample streams
- Alarm relays protect analyzers
- EZ-Clean twist-apart impingers (Optional)
- Durinert coated impingers (Optional)



## Standard Capacity from 3 to 8 LPM

Model	Standard Capacity	Impingers		Dimensions (H x W x D)	Weight
		Passive	Active		
5210D	3-8 LPM (6-17 SCFH)	1 x 10 in	1 x 10 in	15 x 11 x 11 in (38 x 28 x 28 cm)	27 lbs (12 kg)



## 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

<b>4C-5210D</b>	<b>1A</b>	<b>ES</b>	<b>NJ</b>	<b>WS</b>
Cooler	Voltage	Impingers	NJ Thermocouple	Water Sensor

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