

# Baldwin<sup>™</sup>-Series 8210D Digital Cooler

## New Digital Control System, Same Reliable Performance

The new Baldwin<sup>™</sup>-Series digital 8210D thermo-electric coolers by Perma Pure are a powerful combination of the proven track record of Baldwin<sup>™</sup>-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

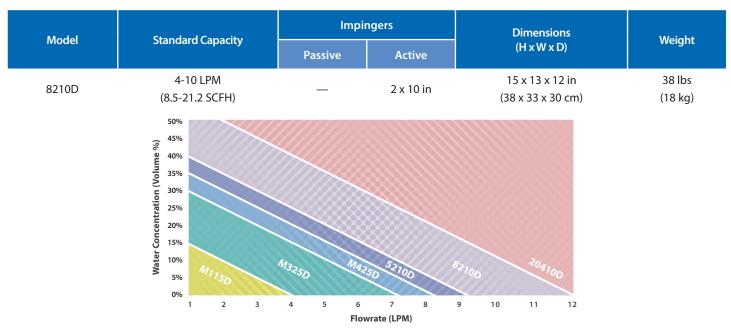
All Baldwin<sup>™</sup>-Series coolers use thermo-electric elements (Peltiers) to cool the sample gas to the desired dew point temperature. Condensate can be removed as it forms by an available peristaltic pump.

#### All Baldwin<sup>™</sup>–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 4 to 10 LPM



### Intelligent Product Numbering System

Follow the below 5 steps to determine your product number.

Step 1: Select Model (Required)					
8210D	4C-8210D				
20410D	4C-20410D				
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					
10" Kynar Impingers					
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, series configuration					
New Jersey thermocouple temperature sensor, parallel configuration					
Step 5: Select Water Slip Sensor Option					
Water slip sensor with inline flow holder; 1/4" Kynar tube fittings	WS				
Water slip sensors with inline flow holder; 1/4" Kynar tube fittings, parallel configuration					

#### **Example Product Number**

4C-8210D	1 <b>A</b>	ES	T1	WS
Cooler	Voltage	Impingers	NJ Thermocouple	Water Sensor

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