

Baldwin™-Series 20410D Digital Cooler

New Digital Control System, Same Reliable Performance

The new Baldwin™-Series digital 20410D 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.

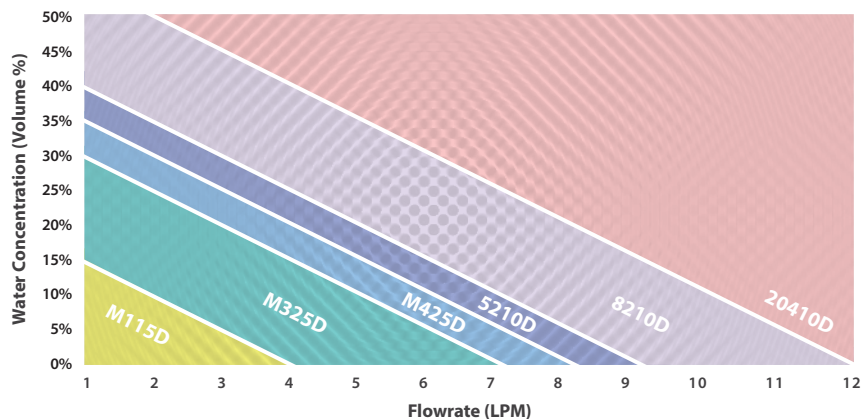
All Baldwin™-Series coolers include:

- 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 10 to 20 LPM

Model	Standard Capacity	Impingers		Dimensions (H x W x D)	Weight
		Passive	Active		
20410D	10-20 LPM (21-42 SCFH)	2 x 10 in	2 x 10 in	15 x 13 x 12 in (38 x 33 x 30 cm)	39 lbs (18 kg)



Intelligent Product Numbering System

Follow the below 5 steps to determine your product number.

Step 1: Select Model (Required)

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 G

10" Kynar Impingers K

10" Stainless-Duriner coated, EZ Clean Twist-Apart Impingers ED

Step 4: Select NJ Thermocouple Option (Stainless Steel and Stainless-Duriner 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

4C-20410D	1A	ES	NJ	WS
Cooler	Voltage	Impingers	NJ Thermocouple	Water Sensor

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