PERMA PURE
PROTECT LIFE

Baldwin™-Series M115D Digital Cooler

New Digital Control System, Same Reliable Performance

The new Baldwin™-Series digital M115D 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.

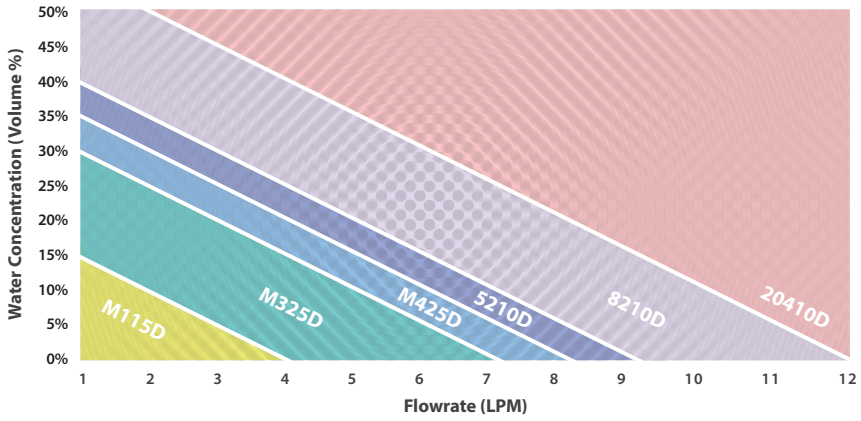
All Baldwin™–Series coolers include:

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

Making Analysis Possible

Standard Capacity from 0 to 2 LPM

Model	Standard Capacity	Impingers		Dimensions (H x W x D)	Weight
		Passive	Active		
M115D	0-2 LPM (0-4 SCFH)	—	1 x 5 in	13 x 7 x 11 in (33 x 18 x 29 cm)	15 lbs (7 kg)



Intelligent Product Numbering System

Follow the below 5 steps to determine your product number.

Step 1: Select Model (Required)	
M115D	4C-M115D
Step 2: Select Voltage (Required)	
Auto Senseing	0
Step 3: Select Impingers (Required)	
5" Stainless Steel, EZ Clean Twist-Apart Impingers	ES
5" Glass Impingers, threaded with fittings	G
5" Kynar Impingers	K
5" 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

4C-M115D	0	ES	NJ	WS
Cooler	Voltage	Impingers	NJ Thermocouple	Water Sensor

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