

## **THERMO-ELECTRIC COOLERS**

Classic Model M115

Perma Pure's Baldwin™ Classic Series Model M115 features a unique slim design leaving additional space to install or access other sample conditioning system components. The M115 is a great choice for low flow rate (1 LPM) systems or as a pre-cooler in high flow rate applications.

## **Physical Description**

Single Stream System
1 x 5" Heat Exchanger
1 Active (cooled to 4°C) Heat Exchanger
LED Temperature display (LCD Optional)

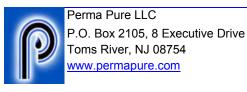


## **Operating Specifications**

Sample Gas Flow Range	1-2 LPM
	2.1-4.3 SCFH
Inlet Dew Point at Rated Flow	140°F @ 20% H <sub>2</sub> O. 2 LPM
	60°C
Dimensions	11.20 x 7.25 x 11.20 in. HWD
	28.5 x 18.4 x 28.5 cm
Weight	15 lbs
	6.8 kg
Maximum Inlet Sample	392°F (200°C) SS, Glass Impingers
Temperature	280°F (138°C) Kynar <sup>®</sup> Impinger
Maximum Inlet Pressure	45 psig
	3 bar / 2250 mmHg
Maximum Heat Exchanger	<+1 in. H <sub>2</sub> O
Pressure Drop	_
Ambient Temperature Range	33-104°F
	0.6-40°C
Outlet Sample Gas Dew Point	41°F
	5°C
Inlet Tubing Connection	¾ in. FNPT
Outlet Tubing Connection	¼ in. FNPT
Drain Tubing Connection	¾ in. FNPT
Voltage	110 (220 optional) VAC
	50/60 Hz
Thermoelectric Elements	40 mm
Power Supply	100W
Cooling Down Time	Less than 3 minutes
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