

# THUNDER SCIENTIFIC®

## CORPORATION The Humidity Source

Humidity Calibration and  
Measurement Instruments

## Model 4PHM

### Four-Port Heated Manifold

4 Port Manifold w/Heat Controller Assembly



### DESCRIPTION

The Four-Port Heated Manifold Accessory is a commercial-off-the-shelf manifold that has four 3/4"-16 straight thread ports. With power applied the manifold automatically controls the temperature of the manifold assembly from ambient up to 60 °C to aid in the dry down process of the frost point/dew point probes being calibrated. The manifold is equipped with a back-pressure regulator to allow the user to control the test pressure of the manifold from ambient pressure to 50 psiA if desired. The manifold supports flow rates from 1.0 to 4.0 SLPM and uses adaptable inlet and outlet fittings for connection.

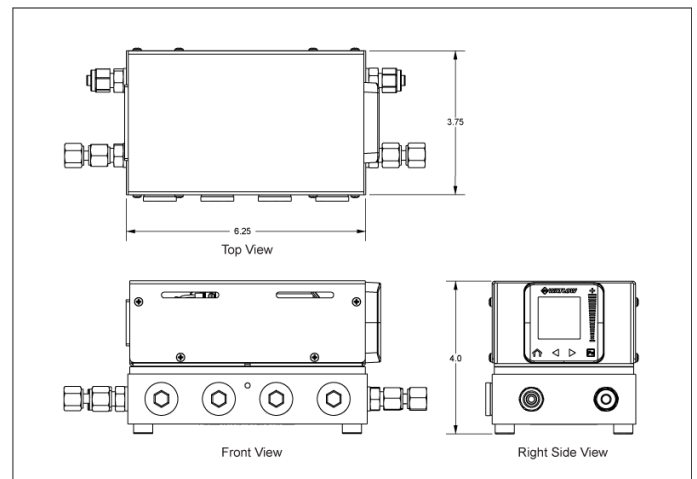
The manifold is equipped with a fused power receptacle that allows power to be turned on or off at the manifold.

### VOLTAGE INPUT

The 4PHM system operates on 100-240VAC at 50/60Hz.

### FEATURES

- Manifold Housing made from 316 Stainless Steel
- Heated Controller Assembly
- Flow Rate From 1.0 to 4.0 SLPM
- Automatically Controls Temperature up to 60 °C
- Back Pressure Regulator
- On/Off Fused Power Switch
- Removable AC Power Cord
- Manifold Inlet Tube Assembly
- Dimensions 4.00" H x 6.25" W x 3.75" D
- Assembly Weight 9.0 Lbs.
- Standard 3/4"-16 Straight Thread Ports
- G1/2 BSPP Thread Ports (Optional)



### ORDERING INFORMATION

When ordering the four-port heated manifold system, use part number 4PHM. In addition to the heated controller assembly and operation manual, you will receive a back pressure regulator, conditioned gas inlet tube assembly, removable AC power cord, four 3/4"-16 SAE hollow hex plugs, plus four adapters and two plugs.

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