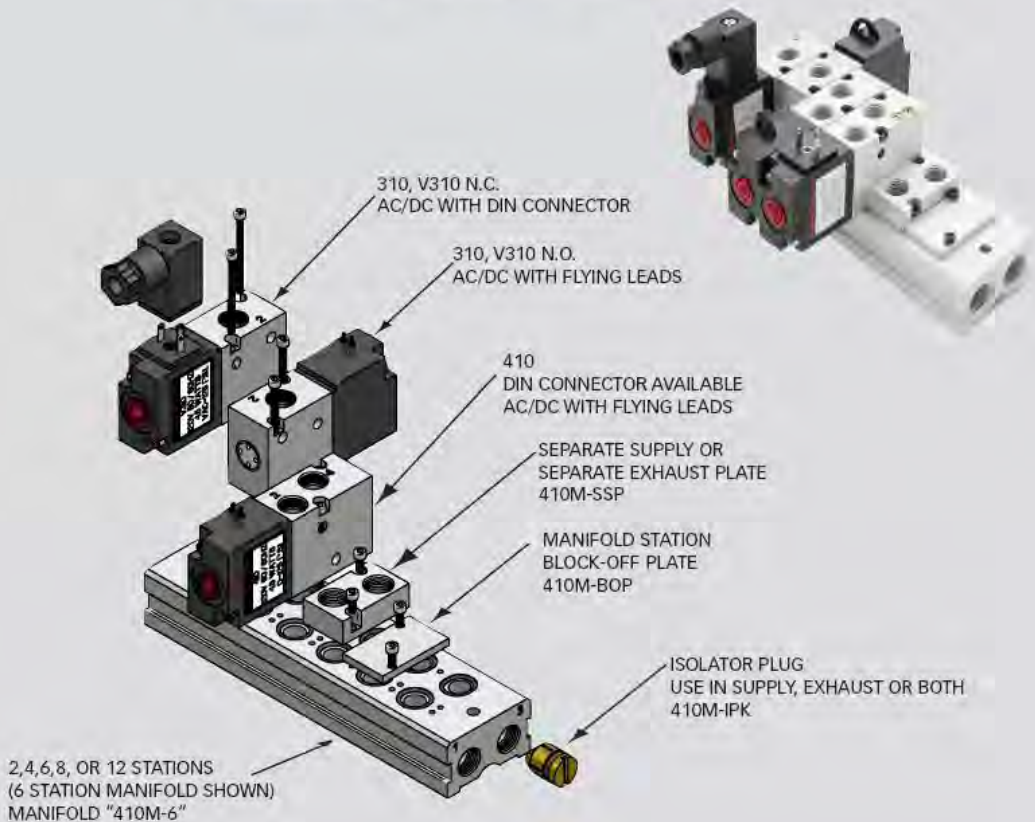


Humphrey

Build On Our Experience

410M Series Manifolds

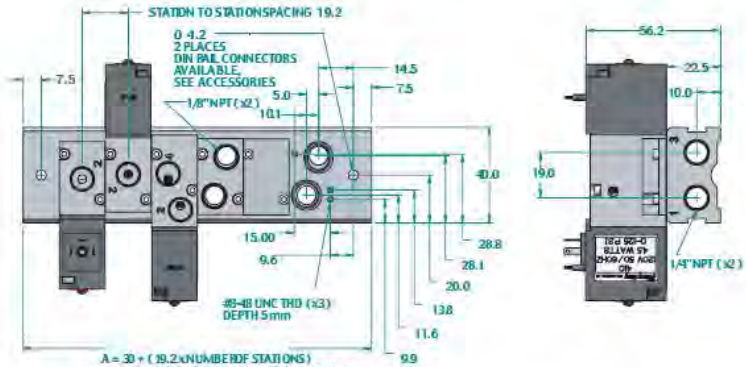
Accepts 310 and/or 410 Series In-Line Valves



- Standard Model 310 and 410 In-Line valves now incorporate 0.113" diameter, counterbored mounting holes, permitting mounting of in-line valves to new 410M manifold.
- Manifolds are available in 2, 4, 6, 8 or 12 station lengths and furnished with a 410M-VMK (Valve Mounting Kit/two "O" rings and two screws) per station. Consult factory for other manifold lengths.
- Manifold galley stamped 1 is common media supply port. Galley stamped 3 is common vent/exhaust port. Isolator plug 410M-IPK option permits isolation of galleys for separation of pressure/media/exhaust.
- Three way valve Model 310 mounting orientation to manifold determines normally closed (NC) or normally open (NO) function. Note: Valve supply port 1 is located nearest to valve's solenoid/coil.
- See Valve Catalog or website (www.humphrey-products.com) for detailed valve specifications.

Dimension View

Manifold for Humphrey Valves Model V310/310/410
Model Number 410M_ (Specify No. of Stations)



Dimensions in Millimeters (mm)
Material: Aluminum Alloy 6065 T5 Extrusion (Anodized)

Din Rail
Connectors
Available - See below

Accessories



**DIN Rail Clip:
DRC**
Kit includes (2) clips
and (2) screws



**Manifold Station
Block - off Plate
410M-BOP**

Anodized aluminum plate furnished
with Buna O-ring seats (2) and
black oxide coated steel screws (2).



**HS-2
Electrical Sockets** **HS-2L
Electrical Sockets**

Sockets for Code 39 DIN
connectors available with (HS-2L)
or without (HS-2) indicator light.
See catalog or website for details.



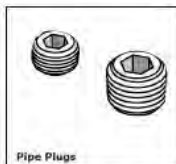
**Valve Mounting
Kit 410M-VMK**

Mounting screws and O-ring seals.
Two (2) each furnished with each
manifold station. Order separately as
Model 410M-VMK.



**Separate Air
Supply Plate
410M-SSP**

Anodized aluminum plate furnished
with Buna O-ring seats (2) and
black oxide coated steel screws (2).



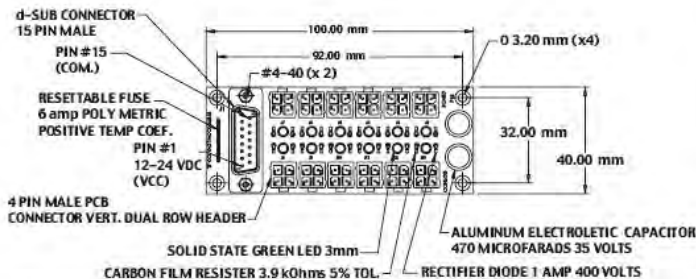
Pipe Plugs

Available for unused ports.
1/4 pipe (P/N 130-31)
1/4 pipe (P/N 130-15).

Control Board 12 Station P-12

Control Board 410M-CBK simplifies electrical connections between valves and/or sensors. A d-sub connector provides convenient means to supply power and on/off signal to each valve. Valves and sensors connect to board via 4-pin Molex Mini-Fit Jr. Series connectors*. Board's thermal fuse protects against shorted conditions. LED's indicate valve and sensor status, diodes provide voltage suppression for each valve coil. Board mounts separately from manifold.

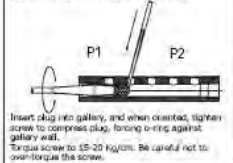
* Male Receptacle # 29-01-2040 or # 39-01-3042.....Female Climp Terminal # 39-00-0038 (Real) or # 39-00-0039 (Loose).
(Hand crimping Tool# 11-01-0197 or 631111-5000.....Extraction Tool #11-03-0044)



**Isolator Plug
410M-IPK**

Material
Brass, Synthetic rubber

ISOLATOR PLUG INSTALLATION
For application requiring two different
pressures or pressure and vacuum.



HOW TO ORDER: Example 410M-6 (6 stations)

Basic Manifold Model Number	Specify Number of Stations (2-12)
410M	2, 4, 6, 8 or 12

Factory assembly of valves and accessories to
manifold/s is available. Use "Ship Assembled" Form
#SA410M to designate locations when ordering.