

Mini CO Manifolds

Offering Unprecedented Versatility for Air Dryer to CO Panel Connections

System Studies' Mini Manifolds simplify the process of connecting a small office air dryer and emergency backup supply to central office panel equipment. The compact and rugged 6-port manifolds are supplied initially with two 3/4" end plugs and four downward-facing 1/4" NPT-F ports with shutoff valves. Also included on each model is a large-face 0-30 psi pressure gauge and standard tank valve.

The two models offered differ slightly in that one includes a pressure regulator and 3/8" tubing connector to stabilize and route air delivery to an older-style, non-regulated distribution panel. Both manifolds can easily be used with a variety of accessory connector fittings to accommodate various types and sizes of incoming and outgoing air pipe and tubing (see back page).

Pre-formed aluminum brackets with 3/8" holes provide a practical and sturdy mounting solution for securing the manifold to a wall surface near the dryer equipment.

Specifications

Dimensions:

Manifold –
8.625 in (2.19 cm) long
1.625 in (4.13 cm) diameter
4.5 in (11.43 cm) high (top to bottom of connector fittings)

Mounting Brackets –
10 in (25.4 cm) long
1 in (2.54 cm) wide
.25 in (.64 cm) thick

Mounting Slots –
7.5 in (19.5 cm) center to center, left to right
9 in (22.86 cm) center to center, top to bottom

Weight:

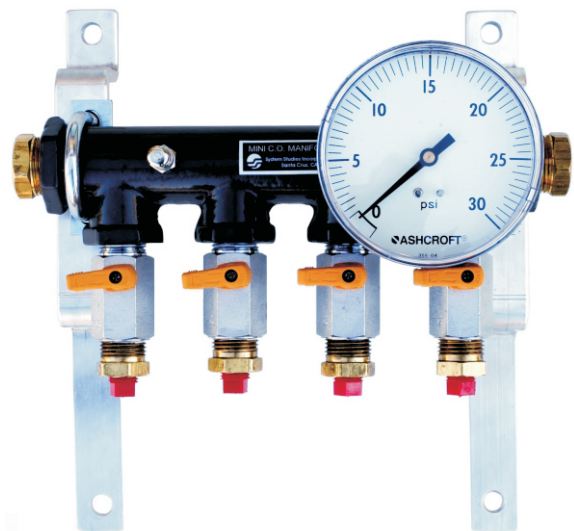
6 lbs (2.72 kg) – P/N 9800-5422
5.25 lbs (2.38 kg) – P/N 9800-5429

Max PSI:

30 psi



Part No. 9800-5422



Part No. 9800-5429

System Studies Incorporated



2-1340 East Cliff Drive
Santa Cruz, CA 95062
(831) 475-5777
(800) 247-8255
(831) 475-9207 FAX
www.airtalk.com

Connector Fitting Options

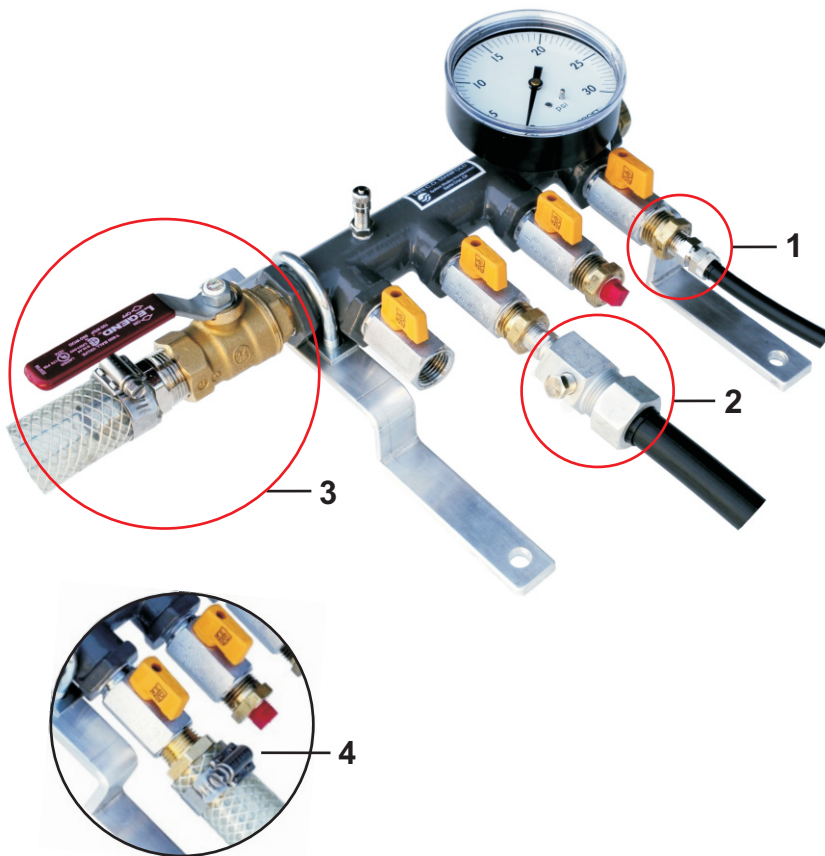
The Mini CO Manifolds are constructed of the highest quality materials and components to ensure that they provide years of uninterrupted and trouble-free service. Not only do they provide the vital function of routing low side pressure output from the central office air dryer to the pipe and distribution panels in the office, they also offer exceptional versatility to accommodate virtually whatever type of tubing you use or intend to use.

For larger offices where more than six incoming and outgoing ports are required, two Mini Manifolds can be combined using a standard 3/4" NPT-M to 3/4" NPT-M

nipple. In this application one of the pressure gauges can be removed, if desired, and replaced with a 1/4" NPT-M hex head plug.

Shown below are several of the working configurations that can be used to route air through the manifold. System Studies supplies the fittings required and can assist you with the proper selection.

For ordering information, please contact the Field Engineer in your area or give our office a call at one of the numbers below.



Configuration Examples

- 1. Connector, 1/4" NPT-M to 3/8" Tube.**
Fitting and tubing are commonly used to feed a distribution or B meter panel.
Part No. 6240-0003
- 2. Connector, 1/4" NPT-M to 1/2" air pipe.**
This is a popular option for feeding a pipe panel.
Part No. 9800-3054
- 3. Shutoff valve, 3/4" NPT-M to 3/4" NPT-F**
Part No. 6240-0328
Connector, 3/4" NPT-M
(for use with 1-inch Nylobraid PVC tubing)
Part No. 6240-0009
Clamp, High Torque
Part No. 6200-0022
- 4. Connector, 1/2" NPT-M**
(for use with 1-inch Nylobraid PVC tubing). Common uses are for incoming air dryer Nylobraid tubing or outgoing feed to a System Studies Emergency Air Delivery Access (EADA) Cabinet. Please refer to www.airtalk.com for information regarding the EADA cabinet.
Part No. 6240-0317
Clamp, High Torque
Part No. 6200-0022

System Studies Incorporated



2-1340 East Cliff Drive
Santa Cruz, CA 95062
(831) 475-5777
(800) 247-8255
(831) 475-9207 FAX
www.airtalk.com