

AIR On DEMAND

Compressed Air Piping System by NEW-LINE

YOU WILL NEED :

- Compressor
- Air Quick Connects
- Air Hose
- Open End Wrenches
- Hardware and Hand Tools for Mounting (#10 screws for manifolds and tube supports)

OPTIONAL ITEMS :

- Air Filter
- Lubricator
- Regulator
- Additional Air Outlet Kits

AIR CONSUMPTION OF COMMON SHOP TOOLS (REFER TO TOOL MFG)

*TOOL	CFM @ LOAD W/ 90PSI
Brad/Finish Nailer	1-3 cfm
Blow Gun	5-10
Body Polisher/Buffer	5-15
Cut Off Tool	12-15
1/4" Die Grinder	6-40
1/4" Ratchet	10-20
3/8" & 1/2" Ratchet	11-24
3/8" Drill	15-25
1/2" Drill	15-35
3/8" Impact Wrench	4-22
1/2" Impact Wrench	4-40
Spray Gun	10-15
Tire Buffer	13-15
Orbital Sander	14-22

*Tools used continuously need higher CFM capabilities than those that are only used a few seconds at a time. If running multiple tools at the same time, you'll need to combine the CFM requirements of each to determine the total CFM requirement.

INSTALLATION INSTRUCTIONS:

Prior to starting installation, determine a suitable layout. This kit can be run along ceilings, walls, or benches. For draining of condensation buildup in lines, vertical drops should have a supplied drain valve threaded into the bottom of the aluminum manifold, and horizontal runs should have the valve threaded into the last manifold. Condensation in air systems should be drained at regular intervals. Filters, Regulators & Lubricators are recommended in any compressed air system (sold separately).

After determining your layout, thread the appropriate fitting to the aluminum manifolds using the supplied PTFE thread tape or another thread sealant. Mount manifolds directly to bench, walls or ceilings using suitable hardware, locating a stud or joist if mounting through wallboard. Thread MNPT x Tube fitting into compressor or air source. Using the tubing cutter, squarely cut the tubing to length and insert securely in the fitting, gently pulling to ensure a proper connection. Use support clamps (included) to secure tubing for safe and tidy routing.

Additional outlets (sold separately) can be added, however refer to the CFM Flow Rate Usage Chart.

WARNING:

Maximum operating pressure is 150PSI. For safety, do not exceed the pressure limitation of the tubing, hose and/or device you are using. Failure to follow these directions exactly may result in personal injury and/or property damage.

Do not point compressed air source at any part of your body or at any person.
Always use eye protection when using compressed air.