

RAPIDAIR—COMPRESSED AIR PIPING SYSTEM INSTALLATION INSTRUCTIONS

PLANNING/LAYOUT

Before beginning the installation, you will need to decide on which method you will be installing the air line. The air line can be installed inside the wall or mounted to the wall surface. All aluminum blocks included with your RapidAir kit are ported for both methods.

In either case, create a plan as to the location of the air compressor and where you are most likely to use compressed air. On the plan, locate outlets, tees, and elbows as this will determine quantity of components and length of air line needed.

It is best to keep air tools that require large amounts of air as close to the air compressor as possible to minimize pressure/flow drop.

ASSEMBLY OF THREADED COMPONENTS

Apply teflon tape to all bare threads during assembly

RAPIDAIR PUSH FITTINGS

- 1) To install tubing into fittings cut tubing squarely using supplied cutter
- 2) Insert tubing into fitting until it bottoms, a slight twisting motion will ease insertion
- 3) Pull on tubing to verify it is properly seated in fitting
- 4) To disassemble, simply push the release button against the body and remove tubing
- 5) For re-insertion, cut off marred end of tubing and repeat process

RAPIDAIR TUBING

Rapidair tubing will expand and contract slightly with changes in temperatures. For the in wall system allow slack between studs/fittings. For surface mount, use wall clips to allow for expansion/contraction. Before installation, unroll the tubing and allow it relieve for several hours, putting it in sunlight helps this process.

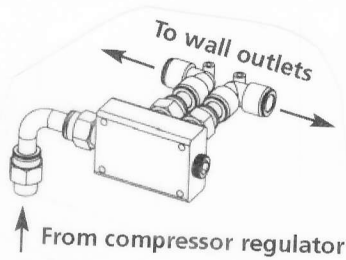
TOOLS/SUPPLIES LIST

Workbench Vise	Open end box wrenches
Tubing Cutter (supplied)	Phillips Screwdriver
Tape Measure	Teflon tape for threads
Aluminum block mounting holes use #10 screws	
Fitting mounting holes use #6 screws	
Tubing, use 1/2" mounting clips from hardware store	



90100 COMPRESSED AIR OUTLET

- (1) 90120 Aluminum Outlet Block
- (1) 50100 3/8 NPT Straight
- (1) 50300 Union Elbow
- (1) 50120 Hand Valve
- (1) 50125 1/4 NPT Brass Nipple
- (1) 50130 1/4 NPT Brass 45° Elbow
- (1) 50135 3/8 NPT Brass Plug



90200 COMPRESSOR MANIFOLD

- (1) 90220 Aluminum Manifold Block
- (4) 50100 3/8 NPT Straight
- (2) 50300 Union Elbow
- (1) 3/8 NPT Brass Plug



20100
1/2" Nylon
Tubing



50100
3/8 NPT
Straight



50200
Tee Fitting



50300
Union Elbow

WARNINGS

- Regulate system pressure to a maximum of 150 psi
- Check local building codes before installation
- Compressed air is dangerous if not used properly
- Do not point compressed air source at any part of your body or at any person
- Always use eye protection when using compressed air

-CA PROP 65: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.