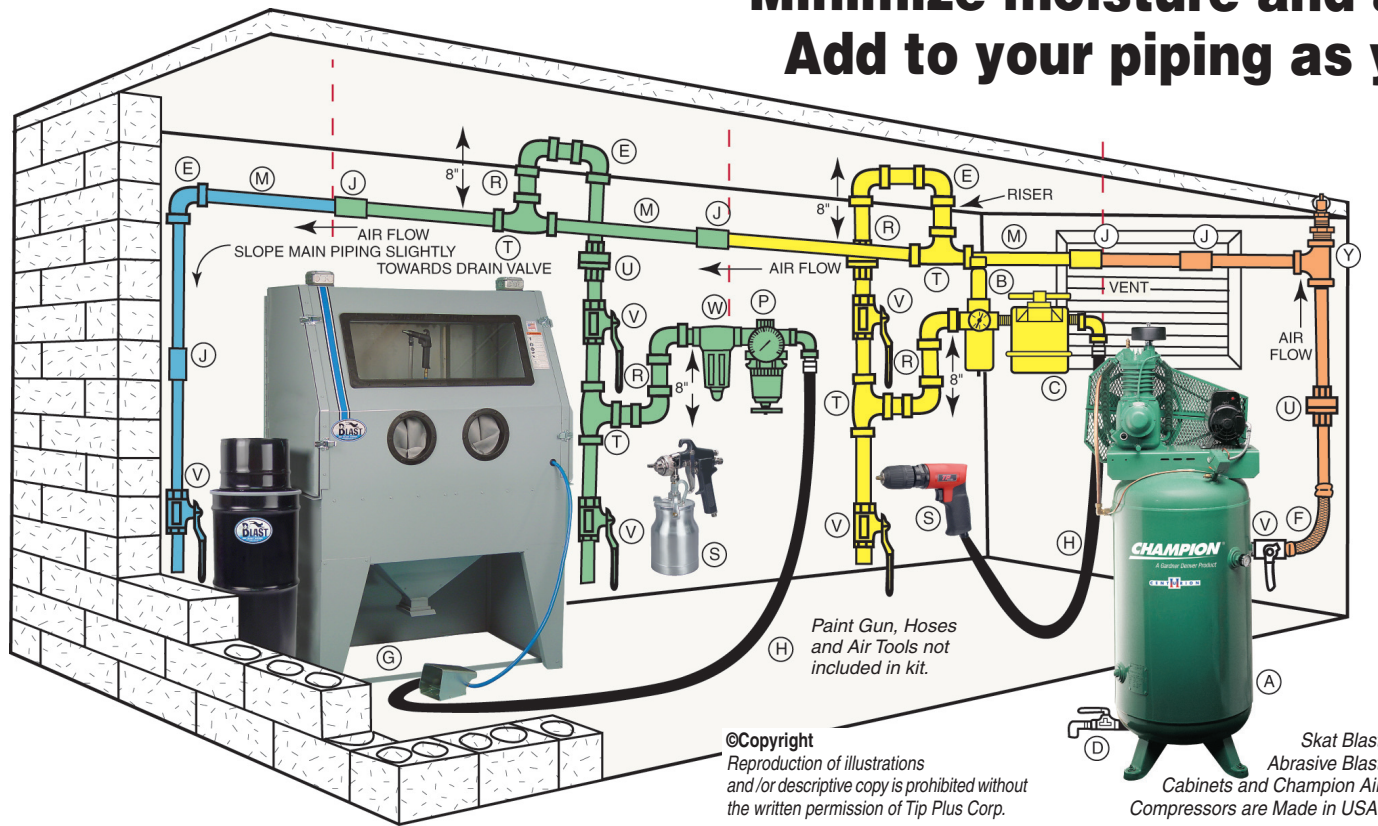


Minimize moisture and air line problems easily. Add to your piping as you expand your shop.



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Skat Blast
Abrasive Blast
Cabinets and Champion Air
Compressors are Made in USA.

	Description	Order #
A	Air Compressor - 5 HP 2-stage recommended.	
B	1/2" Filter-Regulator with gauge and automatic drain. (Made in USA)	3411-12
C	1/2" Coalescing Filter Extra Element	3405-60 3500-60
D	Drain Ball Valve, 1/4"-3/4" in stock	
E	Elbow, 1/2" Female Thread, 2pk Elbow, 3/4" Female Thread, 2pk	4050-EL-2 4075-EL-2
F	Flexible Metal Hose, 1/2" x 12" Long Flexible Metal Hose, 3/4" x 12" Long	8524-00 8525-00
G	Glass Bead Cabinet	
H	Air Hose for hoses and couplings.	
J	Coupling, 1/2" Female Thread, 2pk Coupling, 3/4" Female Thread, 2pk	4050-CP-2 4075-CP-2
M	Main Piping: 1/2" x 36" Long, ea Main Piping: 1/2" x 36" Long, 4pk Main Piping: 3/4" x 36" Long, ea Main Piping: 3/4" x 36" Long, 4pk	4050-36 4050-36-4 4075-36 4075-36-4
P	1/2" Pressure Regulator regulates air flow from 0-200 psi. (Gauge extra cost)	3409-00
R	Pipe Nipple/Riser, Steel -1/2" & 3/4" MPT, Black 1/2" x Close Nipple, X-heavy, 3pk 3/4" x Close Nipple, X-heavy, 3pk 1/2" x 4" Long, Short Nipple, 3pk 3/4" x 4" Long, Short Nipple, 3pk 1/2" x 6" Long Nipple, 3pk 3/4" x 6" Long Nipple, 3pk	4050-00-3 4075-00-3 4050-04-3 4075-04-3 4050-06-3 4075-06-3
S	Paint Spray Gun-HVLP and conventional in stock.	
T	Tee, Metal Pipe -1/2" & 3/4" 1/2" Tee, Female, 2pk 3/4" Tee, Female, 2pk	4050-TE-2 4075-TE-2
U	Union, Metal Pipe. Available in 2 sizes: 1/2" Union, 2pk 3/4" Union, 2pk	4050-UN-2 4075-UN-2
V	Brass Ball Valves - Various Sizes: 1/4" Female Threads, ea 1/2" Female Threads, ea 1/2" Male Threads 1 end, ea 3/4" Female Threads, ea 1/2" Cast Iron Steel, ea	3006-01 3005-01 3005-M 3007-01 3001-00
W	Water Separator (Made in USA) 1/2" inlet and outlet 1/2" w/Sight Glass and Auto Drain	3402-00 3404-00
Y	Pressure Relief Valve, 1/2" Thrds, ea	4000-50
Z	Wall Mtg Bracket w/clamps, 3pk	4000-03
	Problem Solver Piping Kit - 11 pc	4216-00
	Reducing Bushing Pipe Kit - 11 pc	4246-00

Let's talk shop ... piping that is. When we moved into our Canfield, Ohio plant, we had a shop full of air tools and needed to get set up quickly. We ran temporary rubber air hoses with 4-way crosses and quick connectors. Hoses, crosses and connectors were everywhere! Well, it wasn't long before we started having problems - air drills were failing, air rivet guns would not operate properly, and shears and other air-operated equipment were out of order more often than not. **The reason for this is simple. By using long lengths of air hoses, moisture stayed in a vapor form, which passed through our water separators. It didn't matter how many water separators we had installed; moisture worked its way into our air tools, causing premature failure.**

We needed to make a change fast, so we equipped our entire shop with metal piping. The result was no more burned out air tools, no more clogged air filters and fittings, and our air tools lasted for years! **Moral of the story: install a proper metal piping system and you will eliminate 95% of all moisture problems for smoother-running, longer-lasting air-operated tools and equipment.** Even a small shop should have metal piping installed. With our affordable "piping kits", you can install the correct piping system in your shop at a reasonable cost. Using our diagram above and components available in our catalog and on our web site, you can easily handle the installation yourself!

Metal piping is the answer to moisture problems and will last for many years. Choose 1/2" or 3/4" metal pipe sizes - 1/2" pipe for up to 75 feet of horizontal pipe runs from your compressor, and 3/4" pipe for horizontal runs over 75 feet. Mount piping along the walls of your shop. Not only does the metal piping act as an "air reservoir", it also enables the moisture-laden air to cool, so the water separators can do their job. The most important feature is the use of "risers", which allow the system to draw dry air from the piping, with the water separators removing most of the remaining moisture. (Moisture condenses in the cold metal pipes and can be easily removed by the water separators.)

Use Black Iron Pipe only. We do not recommend galvanized metal pipe, as galvanization can come off the inside of the pipe, clogging separators and regulators. Do not use PVC pipe, as PVC will not help cool the air; and glued joints often separate. Avoid copper tubing, as it is easily damaged; and soldered joints can come loose under pressure (Safety Hazard).

Tip Plus Corp. makes no representation or warranty that the method of construction suggested by this drawing is suited to the particular purpose you may intend. You should, in any event, rely upon the advice of your own plumber. Tip Plus Corp., its employees and agents, disclaim any and all liability for improper installation and/or reliance upon this drawing; and Tip Plus Corp. advises that it has not held itself out as an expert in such matters.