

FRIGID-X™ ADJUSTABLE SPOT COOLERS

INSTALLATION AND MAINTENANCE

INSTALLATION GUIDELINES

1. Maintain line pressure at 80 – 100 PSIG (0.55 – 0.7 bar)
2. Keep compressed air lines sized adequately to minimize pressure drop. It is recommended to use 1/4" pipe or 3/8" hose for runs up to 25 feet (7.6 Mtrs). For 50 feet (15.2 Mtrs) runs, use 3/8" pipe or 1/2" hose and for runs over 50 feet (15.2 Mtrs), use 1/2" pipe or larger. Do not use restrictive fittings or connections that could cause excessive pressure drop.
3. Use adequate filtration to keep the airline free of moisture & dirt. All kits come supplied with a properly sized filter for water removal. Use an oil filter as well if there are oil problems in the airline.

For Assistance in India, please contact
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USE OF THE FRIGID-X™ ADJUSTABLE SPOT COOLING SYSTEM

1. Mount the unit where appropriate to be able to direct the cold air onto the part or spot to be cooled using the flexible hose provided in the kit.
2. Both, a fan nozzle & cone nozzle are available with the coolers. Place them as close to the area to be cooled as possible & within 1/2" of the part.
3. The temperature can be reduced along with the air flow by using a regulator. Lower air flow will reduce overall air use should the maximum cooling effect be not required.
4. To increase or decrease flow, change the brass generator inside the unit. A 25 SCFM (710 LPM approx.) generator is installed. Cooling & air flow will increase with larger capacity generator and vice versa. Change generators by unscrewing the cold end muffler, generator & O-ring, replacing the generator and re-installing O-ring, cold end muffler & retightening.

