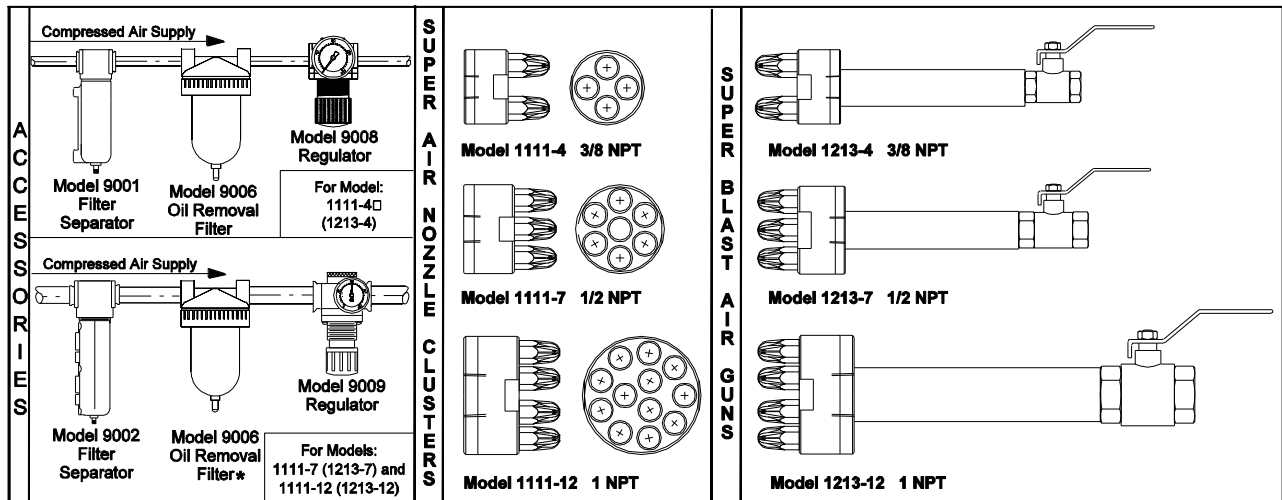


STANDARD AIR NOZZLE CLUSTER & SUPER BLAST AIR GUN INSTALLATION & MAINTENANCE



*No Oil Removal Filter is available for Model 1111-12 (1213-12). Contact factory for sizing recommendation.

COMPRESSED AIR LINE SIZES

For the Model 1111-4 Super Air Nozzle Cluster or Model 1213-4 Super Blast Air Gun, use 3/8" pipe or 1/2" hose for runs up to 25' (7.6m) long. For runs up to 50' (15.2m), use 1/2" pipe or 3/4" hose and for runs over 50' (15.2m), use 3/4" pipe or larger. For the larger Models 1111-7 and 1111-12 Super Air Nozzle Clusters or Models 1213-7 and 1213-12 Super Blast Air Guns, use a supply pipe equal to or greater than the compressed air inlet. Do not use restrictive fittings that can "starve" the Super Air Nozzle Cluster or Super Blast Air Gun by causing excessive line pressure drop.

COMPRESSED AIR SUPPLY

With proper filtration and separation of dirt, moisture and oil from the compressed air supply, the Super Air Nozzle Cluster or Super Blast Air Gun will operate for years with no maintenance required.

Use a 10 micron or smaller filter separator on the compressed air supply (Model 9001 Automatic Drain Filter Separator for Model 1111-4 or Model 1213-4, Model 9002 Automatic Drain Filter Separator for Models 1111-7 and Model 1111-12 or Models 1213-7 and 1213-12).

To prevent problems associated with oil, use a Model 9006 Oil Removal Filter all models except Models 1111-12 and 1213-12. The oil removal filter should be used downstream from the automatic drain filter separator. Filters should be located close to each Super Air Nozzle Cluster or Super Blast Air Gun, within 10 to 15' (3 to 4.6m) is best.

Super Air Nozzle Clusters or Super Blast Air Guns are designed to use normal shop air supplies up to 100 PSIG (6.9 BAR). For infinite control of flow and force, pressure may be regulated. Use Model 9008 Pressure Regulator for Model 1111-4 or Model 1213-4. Use Model 9009 Pressure Regulator for Models 1111-7 and 1111-12 or Models 1213-7 and 1213-12.

USING SUPER AIR NOZZLE CLUSTERS OR SUPER BLAST AIR GUNS

In most cases, the Super Air Nozzle Cluster will be supported by the compressed air supply pipe. Be sure to have a firm grip on the hand-held Super Blast Air Guns before you turn it on. The blast of air is aimed at the target surface.

SAFE OPERATING PRACTICES

The following is a safety check list to encourage proper use of Super Air Nozzle Clusters or Super Blast Air Guns.

1. Inspect all of the components used in the compressed air system to make sure that all are tightened properly.
2. Inspect the Super Air Nozzle Cluster or Super Blast Air Gun to make sure there is nothing attached to the end that might become a flying projectile.
3. Always wear safety glasses with side shields when working in close proximity of the blowoff operation.
4. Always consider the direction you will blow the compressed air in to make sure the debris flies in a safe direction.
5. Always depressurize a compressed air line before attaching a Super Air Nozzle Cluster or Super Blast Air Gun. Repressurize the line once connected.
6. Never use compressed air to clean your clothing or dislodge particles. These particles can be embedded in your skin. High pressure air can also penetrate the skin and reach the bloodstream which can produce a serious or fatal injury.
7. Never engage in horseplay or point a Super Air Nozzle Cluster or Super Blast Air Gun at someone.

TROUBLESHOOTING & MAINTENANCE

If There Is A Reduction In Flow Or Force From the Super Air Nozzle Cluster or the Super Blast Air Gun, check the pressure by installing a gauge at the compressed air inlet of the Super Air Nozzle Cluster or Super Blast Air Gun. Large pressure drops are possible due to undersized lines, restrictive fittings and clogged filter elements.

For replacement or repair filter and regulator parts, contact EPUTEC at +49 8191 91 51 19 0 or info@eputec.de.

CLEANING

If contaminants have clogged the Super Air Nozzle Cluster or the Super Blast Air Gun, inspect the unit by disassembling. Position the flat surfaces of the cylindrical flat body securely between the soft jaws of a vise. Use a pin-style spanner wrench to unscrew the cap (counter-clockwise) from the body. Inspect each part for dirt contamination and a possible oil film in the area of the slotted nozzle. Clean each part and reassemble.

Occasionally, there is a build up which occurs on the surfaces a result of vapors in the atmosphere. Clean the surface with a solvent and a clean rag. To prevent contaminants from getting pushed back into the recessed holes and grooves, perform this procedure with a small amount of compressed air passing through the Super Air Nozzle Cluster or Super Blast Air Gun.

If you have any questions:or problems, please contact:

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