

X-STREAM HAND VAC INSTALLATION & MAINTENANCE

HOW THE X-STREAM HAND VAC OPERATES

The compressed air power source exhausts through a series of small holes that produce a series of high velocity air jets. These air jets induce a mass flow of surrounding air in large volume converting the jet velocity into large mass flow & producing a concentrated air blast at the exhaust end, and excellent vacuum at the inlet end.

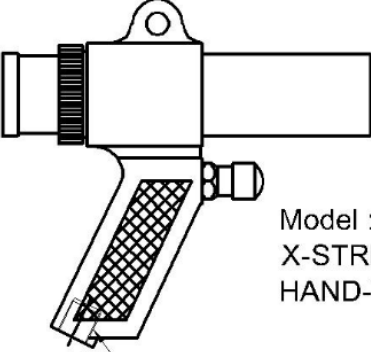
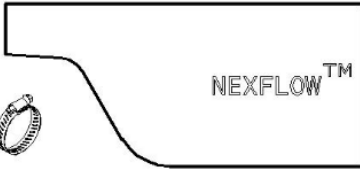
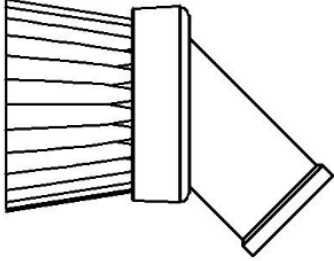
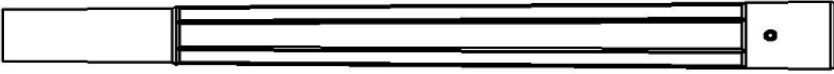

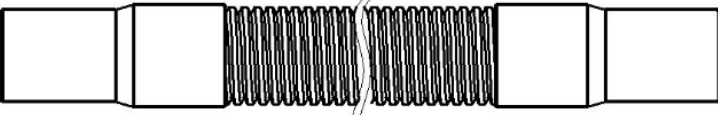
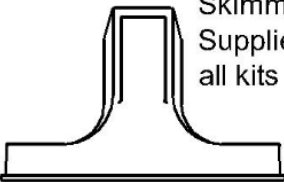
USING THE X-STREAM HAND VAC

Fix the ducted hose or the reusable collection bag supplied with the Hand Vac, to the knurled nut when used for suction to avoid possible danger. Do become familiar with the internals of the X-Stream Hand Vac. The internal nozzle “ring” determines which end produces the blow off & the other (opposite) end produces the vacuum. To change the flow direction unscrew the knurled nut, remove the nozzle ring & reinstall the ring so as the holes “point” in the direction of desired flow. There is an O-Ring on each end of the nozzle ring that you need to include. For transfer of dust, small items, fumes etc. attach the transfer hose to either end (or both ends) of the X-Stream Hand Vac.

MAINTAINING OPTIMUM PERFORMANCE

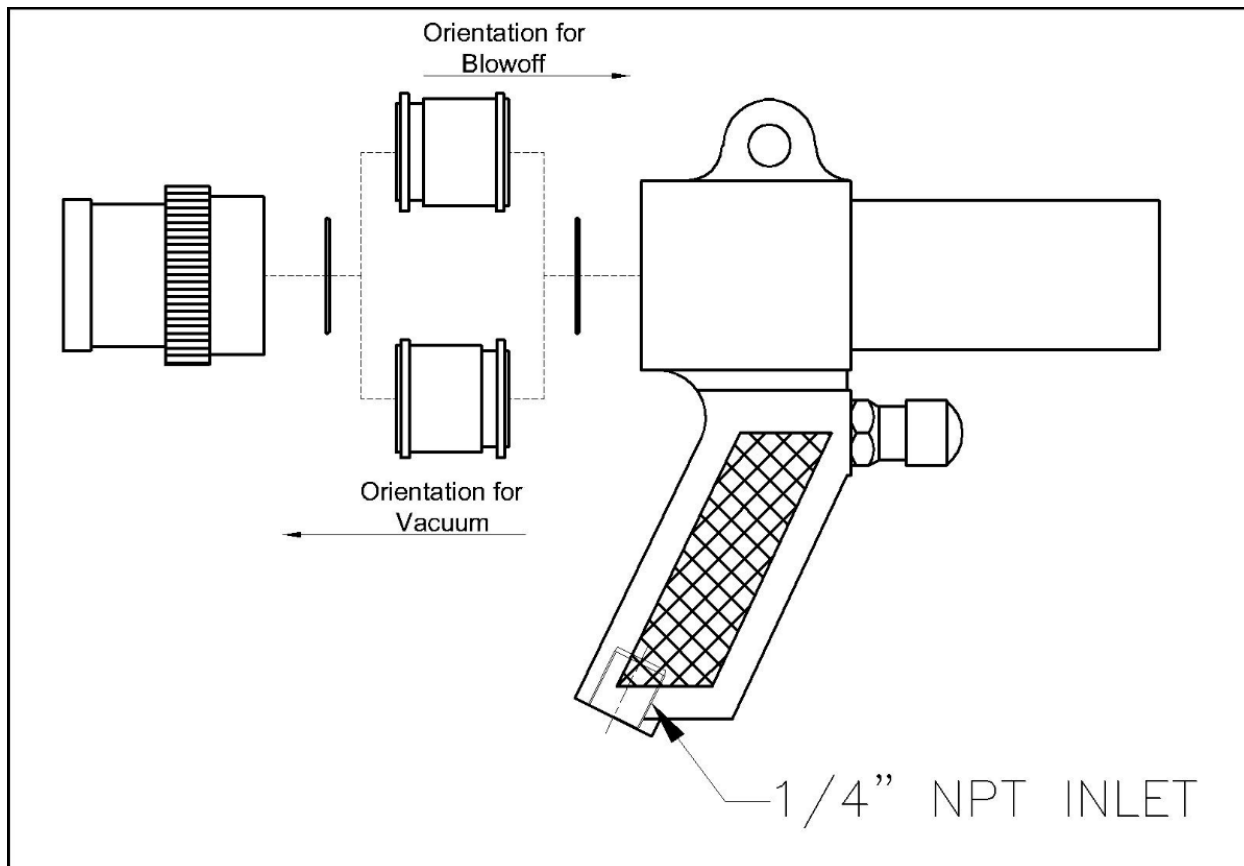
Filtration to maintain clean air is necessary at a rate of 25 microns or less. Nex Flow™ filters use 5 micron filtration elements and are properly sized for the X-Stream Hand Vac. If oil can be a problem, use an oil removal filter. Filter should be close to the Hand Vac within 10 – 15 feet (3 – 4.6 Mtr.)

The compressed air lines should be sized to keep pressure drop to a minimum. Recommended air hose (not included) is 1/4" I.D. up to 10 Feet (3 Mtrs.) & 3/8" I.D. hose up to 25 feet (7.6 Mtrs.). Do not use restrictive fittings that may cause excessive pressure drop in the air line.

 <p>Model : 36001 X-STREAM HAND-VAC</p> <p>1/4" NPT INLET</p>	 <p>NEXFLOW™</p> <p>Reusable Collection Bag with Zipper & Hose Clamp supplied with Collection System & All Purpose System</p>	 <p>Brush Tool Supplied with all kits</p>
 <p>19.3" (49 cm) Straight Extension Wand (two per kit) Supplied with all kits</p>	 <p>Crevice Tool Supplied with all kits</p>	
 <p>10 ft. (3 M) Vacuum Hose with cuffs on both ends and Hose Clamp supplied with Transfer System & All Purpose System</p>		 <p>Skimmer Tool Supplied with all kits</p>

TROUBLE SHOOTING & MAINTENANCE

If the suction or blowing force seems low, check the pressure by installing a gauge at the compressed air inlet of the Hand Vac. Large pressure drops may occur from undersized air lines, restrictions from fittings & clogged filter elements. These should be checked. If contaminants have clogged the Hand Vac itself, simply disassemble the unit. It consists of three (3) parts – the body, the internal nozzle ring & a knurled cap which holds the ring in position. Clean each part with a mild solvent & clean cloth. Reassemble & make certain the O-rings are installed as well at each end of the nozzle ring. Make sure that the holes of the ring point in the direction of flow. Always clean the vacuum hose, reusable collection bag & all the attachments after every use.



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