

Maintenance and Installation of Nex Flow® X-Stream® Air Scrub Nozzles

FILTRATION and DIRT CONTROL

The X-Stream® Air Scrub Nozzles operate with a moving, open ended, very small nozzle so cleanliness is very important. Recommended water removal filtration is with water removal filters of at least 25 micron or lower. If there is oil in the air lines, recommended filtration is with a 0.3 microns oil removal filter. All filters should have an automatic drain and be sized to handle the flow of the unit which is 10 SCFM at 80 PSIG.

Do not use restrictive fittings which may cause excessive pressure drop. Filters should be located close to the nozzle or nozzles.

Use a regulator sized for the airflow of the nozzle or for any series of them if manifold mounted.

SAFE OPERATING PRACTICES

Air Nozzles are used extensively in production but also on Air Guns. Never use compressed air to blow off to clean clothing or dislodge particles on your person as high-pressure air can penetrate the skin and cause injury, sometimes fatal.

Do not engage in horseplay with compressed air.

Always wear safety glasses with side shields when working in an area where compressed air is used for blow-off.

The X-Stream® Air Scrub Nozzle is an open-ended nozzle rotating at high speed so do NOT put your hand or any object into the open end of the assembly as this could cause damage to personnel and to the unit.

Troubleshooting and Maintenance

The rotating nozzle is good for 3000 hours of operation but because it is a rotating assembly is subject to wear and tear and should be replaced every 3000 hours to avoid damage, and potential breakage where the assembly could break off.

Cleaning

If the nozzle assembly becomes clogged simply remove and clean. A pin can be used to push dirt from hole in the nozzle. They can also be washed and cleaned.

If there are any questions concerning installation and maintenance contact Nex Flow® or their closest representative.



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