Fox Series 100-WJX
Water Jet Exhausters

INSTALLATION

Fox water jet exhausters may be installed either discharging horizontally or vertically downward. Vertical downward installation is recommended for best results.

Care should be taken, particularly with plastic units, not to overtorque connections.

All units should be installed with a minimum length of discharge line to minimize back pressure, since backpressure reduces the capacity of the unit. The discharge must be sealed by a bend, loop or by submerging a few inches in liquid.

A shut-off valve should be installed between the exhauster and the s In priming applications a visual flow indicator may be used to show that priming is complete.

A pipeline strainer can be useful in preventing plugging of the motive nozzle.

OPERATION

To start the Fox Water Jet Exhauster open the operating liquid valve and then open the valve between the exhauster and the system.

To prevent backflow, shut off suction valve before shutting off motive liquid.

MAINTENANCE

Fox Water Jet Exhausters have no moving parts and require no maintenance, only periodic inspection for internal wear or plugging.

TROUBLE SHOOTING - PROBABLE CAUSE OF FAILURE

1. No vacuum
   (a) Clogged nozzle
2. Low Vacuum
   (a) Insufficient water pressure
   (b) Clogged suction line
   (c) System leaks
   (d) Excessive backpressure
   (e) Exhauster to small to handle load (see performance specifications).