



Installation
and Operation
Instruction
Manual

INSMAN-106

Spin Flow

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SPIN FLOW VORTEX ACTION SCREEN FILTER

GENERAL SAFETY GUIDELINES

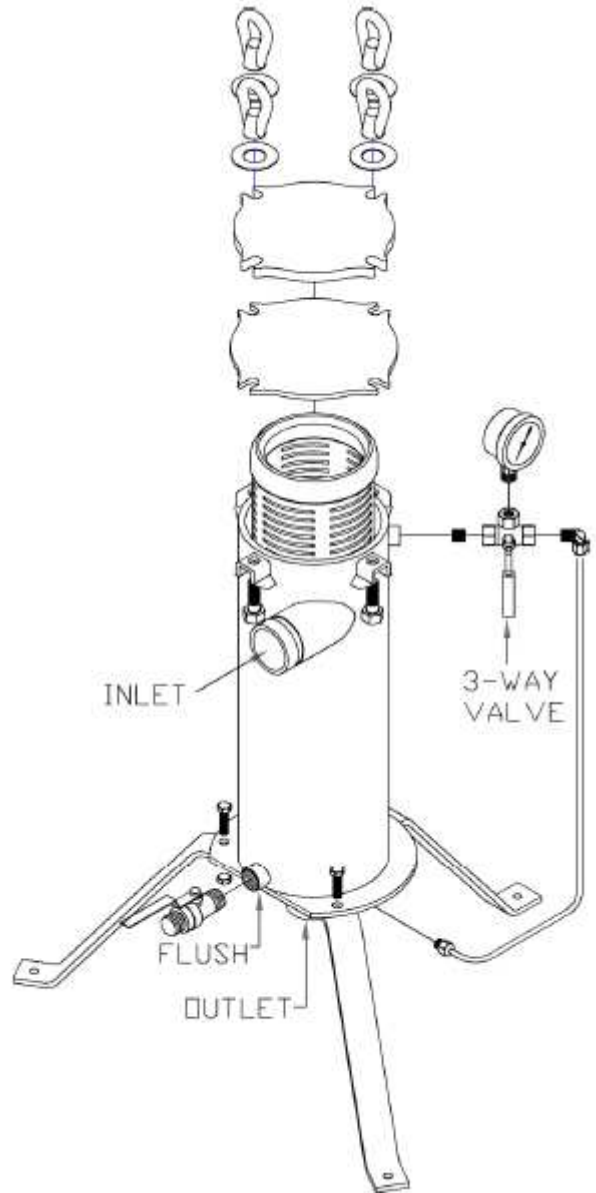
Please read the entire manual before beginning any procedure.

1. Only properly trained personnel should operate and service the equipment.
2. Always wear proper safety gear when servicing equipment.
3. Before installing the system, ensure that the system falls within the designed operating parameters.
4. Know the safety operating limits of the system and any equipment directly connected to or affected by it.
5. Be sure that the system is depressurized before any maintenance work, removing components or opening of the vessels.
6. Be sure to re-examine the system before putting it back into service.
7. Be sure to maintain all equipment and to continuously check the system for leaks and or damage. Fixing problems as they occur will prolong the life of the system.

The SPIN FLOW screen filter is easy to install and operate. The unit consists of a steel, epoxy lined housing, legs, safety lid closure, screen cartridge plus pressure gauge and gauge installation parts.

INSTALLATION

- I. Attach legs as shown in drawing.
- II. Connect 3 way valve, pressure gauge and tubing with parts supplied as shown.
- III. Connect water lines (inlet and outlet) to the ports shown. Grooved type couplings and adapters are needed for line connections.
- IV. Be sure cartridge and cartridge end seals are properly assembled and inserted into the housing. Tighten lid prior to pressurizing the filter system.



OPERATION

The filter includes a flush port for removing heavy particulate that will accumulate in the bottom of the filter. The pressure gauge will indicate the pressure differential that develops as the filter screen collects contaminant from the water. Periodic flushing of the filter will provide cleaning of the screen. If the pressure differential reaches 6 psi, and is not significantly reduced when flushed, the screen cartridge must be removed and manually cleaned. A spin cleaning action can be accomplished by a partial opening of the flush valve during system operation allowing for continuous removal of contaminant.