

TECH-NOTE



For more information contact...

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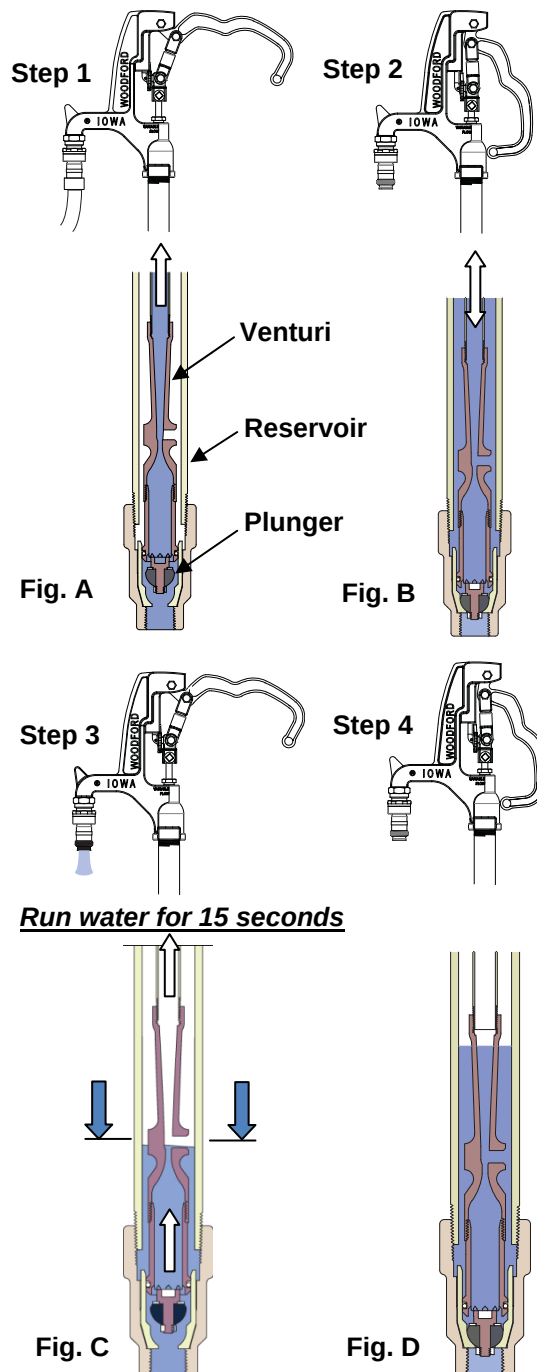
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SRH OPERATING INSTRUCTIONS

Rev 08/10 Form No. TNSRH.101

(Sanitary Roof Hydrant)



Operating Instructions

1. Turn on hydrant and use normally, with or without a hose.
2. Shut off hydrant
3. Remove hose, turn on hydrant and run for 5 to 15 seconds
4. Shut off hydrant

How the SRH Hydrant Works

The SRH (Sanitary Roof Hydrant) is an ASSE 1057 approved sanitary hydrant that is designed specifically for use on commercial roofs. The SRH works on a venturi principal to evacuate water out of the hydrant without the need for a drain source and ensure that the hydrant is frost proof.

When the hydrant is turned on (Fig A), the water flows around the plunger and through the venturi and operating pipe and out of the backflow preventer. The SRH will not evacuate water in the reservoir when a hose is attached.

When the hydrant is turned off (Fig B), the plunger is moved to the closed position. At this point the reservoir is full, along with the head and operating pipe. At this point the hydrant is not frost proof.

To ensure winterization, with the hose removed (Fig C), turn on hydrant and run for 5 to 15 seconds (depending on water pressure – see note on side of hydrant or catalog page). Water is allowed to flow unrestricted out the backflow preventer the venturi creates a suction and evacuates the water out of the reservoir.

When the hydrant is shut off (Fig D), the water in the head and operating pipe will drain down into the reservoir and the hydrant will be frost proof.