

Check and Foot Valves

Danfoss

NEW!

Check Valve and Foot Valves Series H Well Water Heavy Service Valve



Sandpiper Check™

Danfoss Flomatic Series H valves feature a unique patented design that prevents the valve from sticking open or in a closed position due to sand or debris in well water.

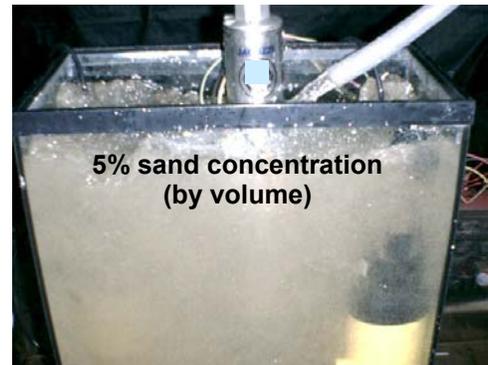
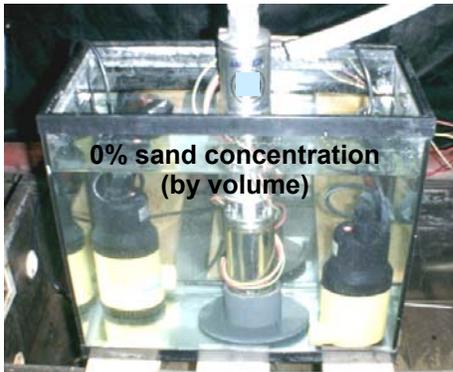
An industry first, the new Series H valve is a heavy service valve, designed for water/sand concentration up to 5% by volume. The Series H will outperform any standard stem type check valves, even at low concentration. While stem type check valves will stick, the new Series H will not.



FLOMATIC® VALVES

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Series H Check Valves



Test tank in above left picture shows a submersible test pump with two circulating pumps. Test tank on the right shows 5% sand concentration by volume. The two circulating pumps on each side of the test pump are keeping the sand/water concentration in suspension during valve cycling test. A typical stem type check valve under the same test condition will not be able to handle even 0.25 % or a ¼ % sand solution.

Danfoss Flomatic most popular valves are now available in the H Series

Series H Check Valves

When a new water well is constructed, it is normal that the well water will contain different kinds of debris. This debris will include residue from drilling mud and particles from the penetrated soil and sand. Most of this debris will be pumped out of the well causing potential failure to the check valve. Danfoss Flomatic's new Series "H" check valve will eliminate check valve start-up problems in water well systems due to sand and debris.

Danfoss Flomatic and the National Groundwater Association (NGWA) recommend that a check valve be installed both near the discharge head of the pump and before the systems pressure tank. In deeper well systems, the NGWA recommends one check valve is installed for every 200 feet of vertical drop pipe used.

Series H Foot Valves

The new Series H, Model 333EH foot valve incorporates the same patented spring loaded closing poppet system as the series H in-line check valves. The new Model 333EH provides the same reliable well water service as the check valve. In addition the Danfoss Flomatic foot valve is excellently well suited for lake, pond or dewatering services. These applications are where the water quality often contain and suspend foreign material that eventually can cause conventional foot valves to fail.

Danfoss Flomatic Valve products are covered under several US Patented numbers 4,971,093 & 6,581,633 and others are pending.

All Danfoss Flomatic Series H check valves are guaranteed unconditionally against sand locking or sticking in abrasive well conditions for one year.



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