

DESCRIPTION

The **GEFCO Select #SE210 Series Fluid Switches** are fluid diverter units that allow the rapid switching of fluid by non-mechanical means (no valve) in the main water stream. Their is only one small solenoid valve that controls atmospheric pressure inside the switch path way. There are no shocks or water hammer in the water piping. Typical switching speed is an impressive fast 0.1 sec. The GEFCO Select #SE210 Series Fluid Switches are typically connected directly to GEFCO #PE109 Series slab penetration or with a high pressure hose to a GEFCO #PE109 Series slab penetration or common water manifold.

The GEFCO Select #SE210 Series Fluid Switches will operate in open air AS WELL AS TOTALLY SUBMERGED except for the Static Airline and the spray effect jet used.

The Control Solenoid Valve is made of ALL SST and can be ordered in operating Voltages of 24VDC(RECOMMENDED) or 12VAC (please specify).

The Main switch body is made of ultraviolet-retarded injection molded ABS Plastic and features NPT water connections, a discharge up and an exhaust to the floor.

The GEFCO Select #SE210 Series Fluid Switches will operate other spray effects as well. Consult the Factory for performances using other jets.

IMPORTANT NOTE:

THE LISTED PERFORMANCE IS ONLY VALID WHEN USING THE PERFORMANCE CHARTS AS SHOWN ON #SE214-1/1-2, #SE215-1/1-2 and #SE216-1/1-2.

TYPICAL SPECIFICATIONS:

- * **GEFCO Select #SE214 Fluid Switch:**
 - 1" NPT Inlet.
 - (2) 3/4" NPT Jet outlet.
 - UV Hardened ABS Injection Molded Plastic.
 - Submersible 24VDC or 12VAC (Specify) SST Solenoid valve, prewired to:
 - 9 feet of UL Listed Submersible Cable (ST18/3)

- * **GEFCO Select #SE215 Fluid Switch:**
 - 1-1/2" NPT Inlet.
 - (2) 1-1/2" NPT Jet outlet.
 - UV Hardened ABS Injection Molded Plastic.
 - Submersible 12/24VAC/VDC (Specify) SST Solenoid valve.
 - 9 feet of UL Listed Submersible Cable (ST18/3)

- * **GEFCO Select #SE216 Fluid Switch:**
 - 2" NPT Inlet.
 - (2) 1-1/2" NPT Jet outlet.
 - UV Hardened ABS Injection Molded Plastic.
 - Submersible 12/24VAC (Specify) SST Solenoid valve, prewired to:
 - 9 feet of UL Listed Submersible Cable (ST18/3)

ADDITIONAL INFORMATION:

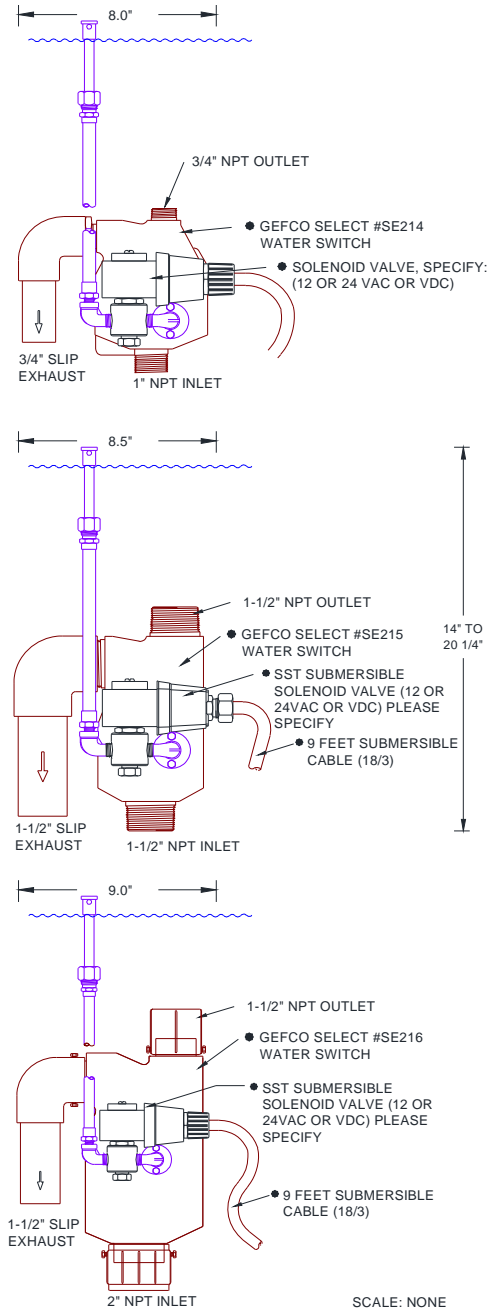
- * **Suction Straining required to be: 0.125" MAX.**
- * **ALL PERFORMANCES ARE AT THE JET - NOT AT THE PUMP.**

REPLACEMENT PARTS:

- 1 Solenoid valve coil (specify voltage).
- 2 Solenoid valve diaphragm kit.
- 3 Solenoid valve mounting bolt set.
- 4 Solenoid valve mounting seal kit (O-rings).

IMPORTANT REQUIREMENT

Designers and Engineers shall be responsible for the accuracy of system flow rates and especially system head loss requirements. Stated flows and head pressure requirements for any listed spray height are required AT THE NOZZLE. Extrapolations for unlisted spray heights are at the sole responsibility of the Designers and/or Engineers.



IMPORTANT

Dimensions, Manufacturers and/or Materials subject to change without notice