

**DESCRIPTION**

The **GEFCO #SKS-Series Filtration System** provides a pre-engineered and prefabricated filtration system attached to a grated base with frame. This system is usually desired when the pump system is to be located in either a mechanical room or placed underground in a concrete vault. Its compact design is especially important when available space is limited and it provides for single source responsibility. All pumps, valves, and distribution manifolds are pre-assembled with connections provided for accepting pipe runs to and from the fountain. GEFCO #SKC Series Filtration Skids utilize only manufacturers and materials approved by the **NSF** and bearing the **NSF** Seal.

The GEFCO #SKS-Series Filtration Skid utilizes one or more sand media type filters. These filters are recommended for any size fountain that will be located indoors or outdoors. To clean the filter, the provided backwash valve will be pulled to the proper position allowing the pumping system to reverse the flow of water through the filter canister, washing out any trapped debris and dirt, forcing dirty water to exit into a drain line and eventually into the sanitary drain system. The GEFCO #SKS-Series Filtration Skid is supplied with the necessary type and amount of filtration media and will be accompanied with necessary instructions for backwash procedures.

The GEFCO #SKS-Series Filtration Skid should be used in conjunction with GEFCO #SK-Series Display Skid on fountains recirculating over 250 gallons per minute. The GEFCO #SKS-Series Filtration Skid is assembled on a separate grating and is independent of the Display Skid.

For smaller fountains, not requiring a larger system, the GEFCO #SKS-Series Filtration Skid may be modified to operate both filtration and main display functions.

The GEFCO #SKS-Series Filtration Skid system is to consist of pump, suction and discharge manifolds with valve assemblies, filtration canister(s) with necessary media. This system will be designed and manufactured in accordance to filtration rates and pressure ratings as set forth in the designed pool configuration and desired filtration capabilities. This system will also possess necessary back flow prevention and system for automatic fill should the cold water line for the system be desired to run into the mechanical room.

**OPTIONAL ITEMS:**

- ORP/ pH Control Equipment.
- UV Sterilization System (s).
- Pressure/ Vacuum Monitoring Equipment.
- Chemical metering and distribution system.
- Automatic Backwash Valve & Control System.
- Ionization system and controls.



**IMPORTANT**

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

**TYPICAL SPECIFICATIONS:**

\* **GEFCO #SKS-Series PUMPING SKID:** Filter Pump and filtration is engineered, factory tested and pre-assembled on a (X' - Y" x X' - Y") pad.

- **GEFCO Select #PM-100 Series Filter Pump:**  
XX HP, XX VAC, 3450 RPM, delivering XX GPM
- Suction assembly includes the following:  
X ea. 2" gate valves with 2" NPT connection
- Discharge assembly includes the following:  
1 1/2" (2" on 50 and 92) ball valve
- **GEFCO Select #PMS-Series Sand Filter:**
  - available in 38, 50, and 92 GPM flow rates.
  - correctly sized sand filter for application.
  - made of stainless steel 2 piece construction.
  - 1-1/2" (2" on 50 and 92) Backwash valve, PVC.
  - proper amount of #20 silica sand.
- **Automatic Fill/Level Control Manifold.**
  - miscellaneous copper tube and fittings.
  - 1" solenoid valve, 120 V AC.
  - (2) 1" gate valves, bronze.
  - 1 1/2" gate valve, bronze
  - 1 1/2" backflow presenter, bronze
  - 1/2" water hammer arrestor
  - 3/4" hose bibb, bronze.

