

DESCRIPTION

The **GEFCO #SKC-Series Filtration System** provides a pre-engineered and pre-fabricated filtration system attached to a graded base with SST or Fiberglass 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 #SKC-Series Filtration Skid utilizes one or more cartridge type filters. These filters are recommended for small to medium sized fountains that will be located indoors and especially on fountains that have debris-sensitive effects. To clean the filter, water is drained from the vessel, the top of the canister is opened, the filtration element is replaced with a clean element, and the canister top is then reattached. The dirty filter element can be cleaned and reused at a later date.

The GEFCO #SKC-Series Filtration Skid is supplied with (2) filter elements per cartridge filter. The GEFCO #SKC-Series Filtration Skid should be used in conjunction with GEFCO #SK-Series Display Skids on fountains recirculating over 250 gallons per minute. The GEFCO #SKC-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 #SKC-Series Filtration Skid may be modified to operate both filtration and main display functions.

The GEFCO #SKC-Series Filtration Skid system to consist of pump, suction and discharge manifolds with valve assemblies, filtration canister(s) with necessary elements. 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 backflow 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 Controller
- UV Sterilization System (s)
- Pressure/ Vacuum monitoring equipment.
- Chemical metering and distribution system.
- Ionization system and controls.

IMPORTANT

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

TYPICAL SPECIFICATIONS:

* GEFCO #SKC-Series PUMPING SKID: Filter Pump and filtration is engineered, factory tested and pre-assembled on a (3'- 0" x 4'- 0") pad.

- **GEFCO Select #PM-100 Series Filter Pump:**
XX HP, XX VAC, 1 (or 3) phase, 3450 RPM delivering XX GPM at XX ft TDH.
- Suction assembly includes the following:
XX ea. 2" gate valves with 2" NPT conn.
- Discharge assembly includes the following:
1 1/2" ball valve

GEFCO #PMC-Series Cartridge Filter:

- specify: 50, 75, 100, or 150 GPM flow rates.
- made of cyclac 2 piece construction.
- with correct sq. ft. replacement cartridge filter.
- Automatic Fill/Level Control Manifold.
 - miscellaneous copper tube and fittings.
 - 1" solenoid valve, 120 V AC.
 - (2) 1" gate valves, bronze.
 - 1 ea. 1 1/2" gate valve, bronze.
 - 1 1/2" backflow presenter, bronze.
 - 1/2" water hammer arrestor.
 - 3/4" hose bibb, bronze.

