

# GP101 MODEL CARTRIDGE FILTER HOUSING



The GP101 Model cartridge filter housing is an all-metal, high-pressure housing, featuring a threaded-type sump. The GP101 Model housing has a maximum operating temperature and pressure of 3000 psig at 275°F or 4000 psig at 100°F (non-shock). The GP101 model cartridge filter housing has flow rates of up to 26 gallons per minute (GPM).

## APPLICABLE FILTER CARTRIDGES

Micro-Klean® III (Series U1744)

## STANDARD MODEL SPECIFICATIONS

Table 1 gives specifications for GP101 Model. On Table 1, note that maximum operating pressure is the rating for the housing only. Actual filter operating temperature depends on temperature capability of the filter cartridge used in the housing.

Operating Data	GP101 Model
Maximum Operating Pressure & Temperature	3000 psi at 275° F 4000 psi at 100° F
Flow Rate (GPM)	See Table 2
<b>Basic Materials of Construction</b>	
Head & Sump	Anodized Aluminum
Vent Plug	
End Cap	
End Seal	316 Stainless Steel
Drain Plug	Anodized Aluminum
Vent Plug Gasket	Nitrile
Back-up Ring	Teflon
End Cap Gaskets	Buna N
O-ring Gaskets	
Drain Gasket	
<b>Connection Sizes</b>	
Inlet/Outlet	1" NPTF
Drain	3/4" - 16 - AN814 - 8
Cartridge Requirements	The GP101 Model uses one filter cartridge: Micro-Klean III Series U1744.

Table 1 - Specifications

## Cartridge Requirements

The GP101 Model cartridge filter housing uses one Micro-Klean III filter Cartridge.

## Flow Rates

Table 2 gives maximum flow rates in gallons per minute (GPM) for the GP101 Model cartridge filter housing. Do not use Table 2 for filter sizing; use the table as a guide only for establishing the housing flow rates. When you know the flow rate for a selected cartridge, then use the table to determine whether or not the housing is within the recommended flow rate. Remember to take into account the amount of contaminant to be removed when selecting a filter.

Housing Model	Inlet/Outlet	Water	80 SSU	150 SSU	300 SSU	600 SSU	1000 SSU
GP101	1" NPTF	26	23	21	19	17	14

Table 2 - Maximum Recommended Flow Rates

### FEATURES

- + Rugged, all-metal construction
- + Head and sump constructed of durable anodized aluminum
- + Head design includes bolt holes
- + Threaded-type forged sump has hexagonal wrenching surface

### BENEFITS

- + Ideal for high pressure applications
- + Provides long service life
- + Efficient mounting and installation
- + Quick and easy cartridge changeout for easy cleaning and maintenance

## STANDARD MODEL DIMENSIONS

Rough plumbing dimensions for the Model GP101 are given in Figure 1. Allow enough room for sump removal.

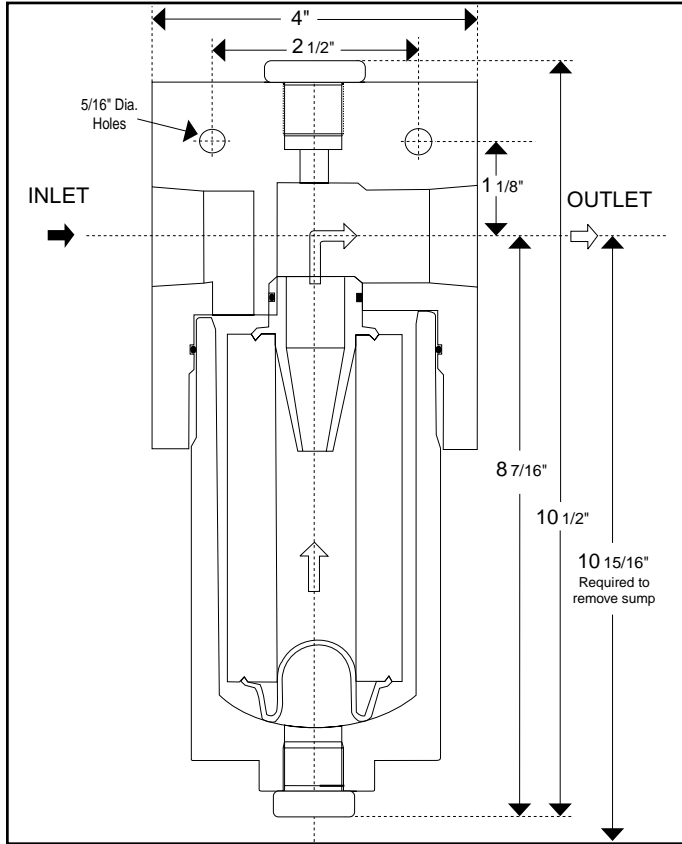


Figure 1 - GP101 Model

## GP101 MODEL ORDERING GUIDE

Plant Code 01

Product Code 020

Housing Model	Basic Catalog Number
GP101	40361-01

Order cartridges separately.

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### WARRANTY

Seller warrants its equipment against defects in workmanship and material for a period of 12 months from date of shipment from the factory under normal use and service and otherwise when such equipment is used in accordance with instructions furnished by Seller and for purposes disclosed in writing at the time of purchase, if any. Any unauthorized alteration or modification of the equipment by Buyer will void this warranty. Seller's liability under this warranty shall be limited to the replacement or repair, F.O.B., point of manufacture, of any defective equipment or part which, having been returned to the factory, transportation charges prepaid, has been inspected

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