

Featuring Coreless Element Technology

9660/61/64 Series Filter Assemblies

Flows to 150 gpm (565 L/min)
Pressures to 6000 psi (414 bar)
Port sizes 1", 1¼" and 1½"

Notes and Specifications

Maximum Acceptable
Working Pressure: 6000 psi (414 bar)

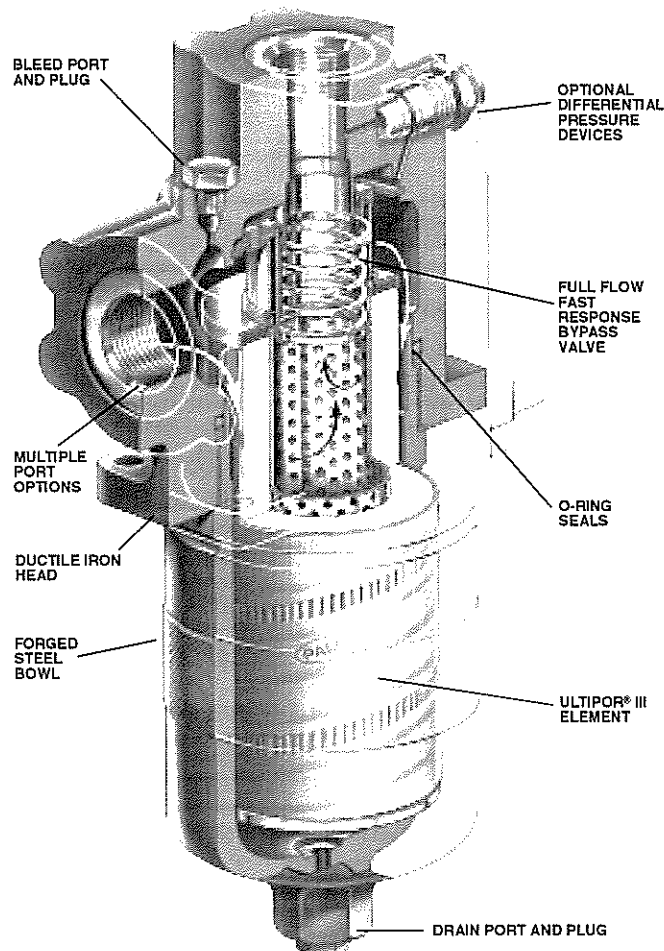
Fatigue Pressure Rating: 3000 psi (207 bar)
(NFPA/T2.6.1-1974
category 2/90)

Typical Burst Pressure: 20,000 psi (1380 bar)

Temperature Range: Nitrile seals-45°F to 225°F
(-43°C to 107°C)
Fluorocarbon seals-20°F
to 250°F (-29°C to 120°C)
140°F (60°C) maximum in
HWCF or water-glycol fluids

Dry Weights: R length- 22 lbs. (10 kg)
S length- 27 lbs. (12.3 kg)
T length- 33 lbs. (15 kg)
U length- 44 lbs. (20 kg)

Filter Element Collapse Pressure:
9600-290 psid (20 bar)
9601-3000 psid (207 bar)
9604-150 psid (10 bar)



Pressure Drop Information

Figure 1. Housing Pressure Drop using fluid with 0.9 S.G. Housing Pressure drop is directly proportional to specific gravity.

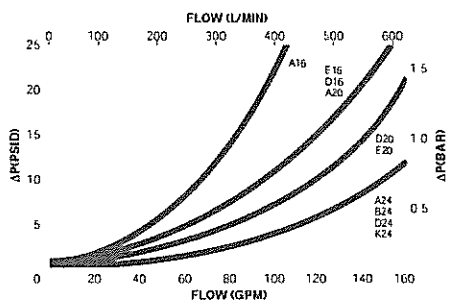
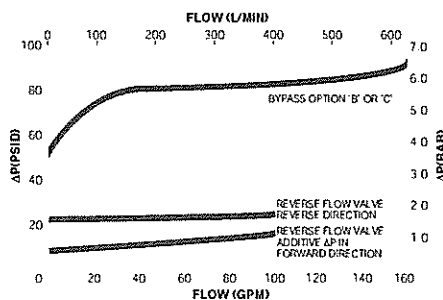


Figure 2. Bypass Valve Pressure Drop using fluid with 0.9 S.G. Bypass valve pressure drops are directly proportional to specific gravity.



Element Pressure Drop Factor.
Multiply actual flow rate times factor to determine pressure drop with fluid at 150 SUS (32 cSt), 0.9 S.G. Correct for other viscosities by multiplying new viscosity in SUS/150 x new S.G./0.9.

9600/9604 Series Element ΔP factor (psid/gpm)

Length	KZ	KP	KN	KS	KT
4" *	0.81	0.36	0.29	0.22	0.15
8"	0.46	0.20	0.13	0.12	0.09
13"	0.27	0.12	0.10	0.07	0.05
16"	0.20	0.09	0.07	0.05	0.04

*9600 only

9601 Series Element ΔP factor (psid/gpm)

Length	DP	DT
4"	1.04	0.25
8"	0.52	0.12
13"	0.32	0.08
16"	0.25	0.07

