Single Pass Filter Kit

G3K9 | **900 psi** - *60 bar* | 100 gpm - *380 L/min*

Features and Benefits

- Two or three patented-pending K9 filters supplied in series as a single filter assembly providing in-line single pass particulate and water filtration
- HF4 Footprint filter with patented Quality Protection element
- 900 psi rating covers almost all transfer line pressure specs including air driven transfer systems
- Top loading for easy access for element change out
- Allows consolidation of inventoried elements by using K-size elements
- Can be fitted with test points for oil sampling

Model No. of filters in photograph are G3K9127KG2555BP2020UUD5C

Filter Housing Specifications

Flow Rating:	Up to 100 gpm (380 L/min) for 150 SUS (32 cSt) fluids
Max. Operating Pressure:	900 psi (60 bar)
Min. Yield Pressure:	3200 psi (220 bar), per NFPA T2.6.1
Rated Fatigue Pressure:	750 psi (52 bar) per NFPA T2.6.1-R1-2005
Temp. Range:	-20°F to 225°F (-29°C to 107°C)
Bypass Setting:	Cracking: 40 psi (2.8 bar) each filter housing
Porting Base & Cap: Element Case:	Cast Aluminum Steel
Element Change Clearance:	8.50” (215 mm) for 1KG; 17.5” (445 mm) for KKG; 26.5” (673 mm) for 27KG

How to Build a Valid Model Number for a Schroeder G3K9:

G3K9 [ ] – [ ] – [ ] – [ ] – [ ]

Bowl Length | Element | Porting/Test Points | Indicator | Options

Bowl Length

1 = 9"/18"/27" bowl with one (1) element
2 = 18" Bowl with two (2) 9" elements
3 = 27" Bowl with three (3) 9" elements

Element

Note: Element code can also be used to build a replacement element.

Element	Media	Micron Rating for Housing 1	Micron Rating for Housing 2	Micron Rating for Housing 3	Seals
KG (9", 18", or 27" Bowl) **KKG** (18" Bowl) **27KG** (27" Bowl)	**Z =** Excellement Z-Media (synthetic) Note: Other media is available upon request.	**1 =** 1 Micron **3 =** 3 Micron **5 =** 5 Micron **10 =** 10 Micron **25 =** 25 Micron	**1 =** 1 Micron **3 =** 3 Micron **5 =** 5 Micron **10 =** 10 Micron **25 =** 25 Micron	**1 =** 1 Micron **3 =** 3 Micron **5 =** 5 Micron **10 =** 10 Micron **25 =** 25 Micron	**B =** Buna **V =** Viton

Porting/Test Points

Porting	Outlet Porting	Bypass
P16 = 1" NPTF	**P16 =** 1" NPTF	**Omit =** 40 PSI Bypass
P20 = 1-1/4" NPTF	**P20 =** 1-1/4" NPTF	**30 =** 30 PSI Bypass
P24 = 1-1/2" NPTF	**P24 =** 1-1/2" NPTF	**50 =** 50 PSI Bypass
S16 = SAE-16	**S16 =** SAE-16	
S20 = SAE-20	**S20 =** SAE-20	
S24 = SAE-24	**S24 =** SAE-24	
F16 = 1" SAE 4-bolt flange Code 61	**F16 =** 1" SAE 4-bolt flange Code 61	
F20 = 1-1/4" SAE 4-bolt flange Code 61	**F20 =** 1-1/4" SAE 4-bolt flange Code 61	
F24 = 1-1/2" SAE 4-bolt flange Code 61	**F24 =** 1-1/2" SAE 4-bolt flange Code 61	
B16 = ISO 228 G-1"	**B16 =** ISO 228 G-1"	
B20 = ISO 228 G-1-1/4"	**B20 =** ISO 228 G-1-1/4"	
B24 = ISO 228 G-1-1/2	**B24 =** ISO 228 G-1-1/2	

Indicator[1]

Electrical Indicator	Indicator Material	Voltage	Current	Thermal Lockout
MS5 = 12" 4 Conductor Cable **MS10 =** Male DIN Connector **MS11 =** 12 ft 4 Conductor Cable **MS12 =** Male 5 Pin Brad Harrison Connector **MS13 =** Threaded Connector and Light **MS14 =** Male 5 Pin Brad Harrison Connector & Light **MS16 =** Weather Packed Seal Connector **MS17 =** Male Micro 4 Pin Brad Harrison Connector **MS18 =** 2 Pin Amp Junior Power Timer Connector **MS19 =** 2 Pin Deutsch Connector	**Omit =** Steel **SS =** Stainless Steel	AC = Alternating Current DC = Direct Current	Omit = Standard LC = Low Current	Omit = None T (available on select models reference specifications in Appendix A)
MS15DC = 3000 PSI max #8-32 Post for Wire Connection				

Visual Indicator

D5 = Latching Visual Pop-Up
D8 = Visual with Thermal Lockout
D9 = Stainless Steel Latching Pop-Up Indicator
D10 = Non-Latching Indicator
D10SS = Stainless Steel Non-Latching Indicator
D13 = Stainless Steel Latching Indicator with Music Wire Spring

Options

C = Indicator in cap

1. Starting from the left you will choose your Indicator Type (visual or electrical), if it's visual you will use the visual column and that will complete this box. If it's electrical you will populate the column under "MS = Electrical." If no indicator is required you will omit the whole section and move onto the next section