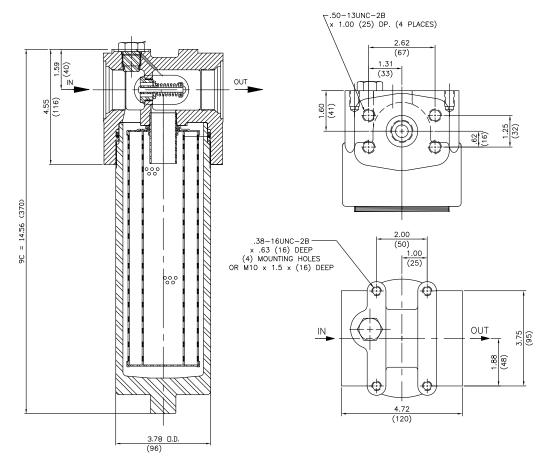
Top-Ported Pressure Filter CF60

Involuentent inductor option available DF40 Production option Production option Model No. of filter in photograph is CF601CC23SD5. RF60 Model No. of filter in photograph is CF601CC23SD5. RF60 Flow Rating: Up to 50 gpm (190 L/min) for 150 SUS (32 C50 fluids Filter Min. Yteid Pressure: 6000 psi (175 bar) RKF50 Min. Yteid Pressure: 15,500 gpi (190 Dar), per NPA T2.6.1 RKF50 Rated Fatigue Pressure: 000 psi (276 bar), per NPA T2.6.1 RKF50 Rated Fatigue Pressure: 000 psi (276 bar), per NPA T2.6.1 RKF50 Reget To 225°F (29°C to 107°C) Bypass Setting: Cracking: 40 psi (28 bar) full Porv: 75 psi (2.8 bar) Non-bypassing model has a blocked bypass. MH560 Pering Head: Dubit (Ion mm) Cracking: 40 psi (2.8 bar) full Porv: 75 psi (2.8 bar) Non-bypassing model has a blocked bypass. Fluid NOF-50-760 Element Charge Clearance: 4.0° (103 mm) LC650 LC660 LC660 Veright of CF60-9C: 24.0 bs (10.9 kg) LC650 LC660 LC660 Veright of CF60-9C: 24.0 bs (10.9 kg) Economic All Z-Media" and ASP" Media (synthetic) MF500 NOF-50-760 Type Huid Appropri			 Features and Benefits Top-ported high pressure filter Available with non-bypass option with high collapse element Offered in pipe, SAE straight thread, 	50 gpm <u>190 L/min</u> 6000 psi 415 bar	NF30 NFS30 YF30 CFX30 PLD
Model No. of filter in photograph is CF601CC23SD5. Filter Model No. of filter in photograph is CF601CC23SD5. Filter Flow Rating: Up to 50 gpm (190 L/min) for 150 SUS (32 CS) fluids Filter Min. Yield Pressure: 6000 psi (415 bar) KF500 Min. Yield Pressure: 15.000 psi (1276 bar), per NFPA T2.6.1 MKC500 Rated Fatigue Pressure: 15.000 psi (1276 bar), per NFPA T2.6.1-Rh12.005 KC650 Temp. Range: 20°F to 22°F (23°C to 107°C) MK5500 Bypass Setting: Cracking: 40 psi (2.8 bar) MK5500 Min. Yield Pressure: 4.000 psi (2.76 bar), per NFPA T2.6.1-Rh12.005 KC6550 Temp. Range: 20°F to 22°F (23°C to 107°C) MK5500 Bypass Setting: Cracking: 40 psi (2.8 bar) MK5500 Min. Yield Pressure: 4.000 psi (2.76 bar), per NFPA T2.6.1-Rh12.005 KC6550 Temp. Range: 20°F to 22°F (23°C to 107°C) MK5500 Bypass Setting: Cracking: 40 psi (2.8 bar) MK5500 More-Dypassing model has a biocked bypass. MOre-Dypassing model has a biocked bypass. MK5600 Veright of C50-927. 24.0 lbs. (10.9 kg) LC600 LC600 LC600 Locating: Stel					CF40 DF40 PF40
Model No. of filter in photograph is CF601CCZ3SDS. CTF601 Model No. of filter in photograph is CF601CCZ3SDS. KF300 Flow Rating: Up to 50 gpm (190 L/min) for 150 SUS (32 CS) fluids KF300 Max. Operating Pressure: 6000 ps (415 bar) KKF300 Min. Yield Pressure: 15,500 ps (1070 bar), per NFPA T2.6.1 MKF500 Rated Patigue Pressure: 1000 ps (276 bar), per NFPA T2.6.1 MKF500 Rated Patigue Pressure: 10276 (276 bar), per NFPA T2.6.1 MKF500 Bypass Setting: Cracking: 40 ps (276 bar), per NFPA T2.6.1 MKF500 Bypass Setting: Cracking: 40 ps (276 bar), per NFPA T2.6.1 MKF500 Bypass Setting: Cracking: 40 ps (28 bar) MKF500 Non-Mypassing model has a blocked bypass. MH5600 KF4500 Weight of CF60-9C: 24.0 lbs. (10.9 kg) LC660 LC660 Element Change Clearance: 4.0° (103 mm) LC550 MKF500 LC660 Veright of CF60-9C: 24.0 lbs. (10.9 kg) LC660					RFS50 RF60
Model No. of filter in photograph is CF601CC23SD5. KF500 Flow Rating: Up to 50 gpm (190 L/min) for 150 SUS (32 cSt) fluids Filter Max. Operating Pressure: 6000 psi (415 bar) KKF500 Min. Yield Pressure: 15,500 psi (1070 bar), per NFPA T2.6.1 MKF500 Rated Fatigue Pressure: 4000 psi (276 bar), per NFPA T2.6.1-R1-2005 KC650 Temp. Range: -20°F to 225°F (-29°C to 107°C) KC650 Bypass Setting: Cracking: 40 psi (2.8 bar) KF1500 Non-bypassing model has a blocked bypass. MH5600 Porting Head: Ductlle from KF1500 Element Case: Steld* KF1500 Weight of CF60-9C: 24.0 lbs. (10.9 kg) LC660 Element Change Clearance: 4.0° (103 mm) LC650 VorF30-052 Z4.0 lbs. (10.9 kg) LC660 Icosof Mort-S00-7600 Compatibility More: Content All E-Media (endulose), Z-Media* and ASP* Media (synthetic) MI High Water Content All E-Media* and ASP* Media (synthetic) MI High Water Content All Z-Media* and ASP* Media (synthetic) MI Invert Emulsions 10 and 25 µ Z-Media* and al					CF60 CTF60 VF60
Flow Rating: Up to 50 gpm (190 L/min) for 150 SUS (32 cSt) fluids Filter KC50 Max. Operating Pressure: 6000 psi (415 bar) MKF50 Min. Yield Pressure: 4000 psi (276 bar), per NFPA T2.6.1 MKC50 Rated Fatigue Pressure: 4000 psi (276 bar), per NFPA T2.6.1-R1-2005 KC65 Bypass Setting: Cracking: 40 psi (2.8 bar) Full Flow: Tsi (5.2 bar) Non-bypassing model has a blocked bypass. MKF50 Optring Head: Ductile Iron KFH50 Element Case: Steel KFH50 Uweight of CF60-9C: 24.0 bs. (10.9 kg) LC600 Element Change Clearance: 4.0° (103 mm) LC50 Veright and Appropriate Schroeder Media Fluid Nor-50-760 Petroleum Based Fluids All E-Media (cellulose), Z-Media* and ASP* Media (synthetic) Fluid Nor-50-760 High Water Content All Z-Media* and ASP* Media (synthetic) Fluid Nor-50-760 Compatibility Water Glycols 3, 5, 10 and 25 µ Z-Media* and ASP* Media (synthetic) MKF50 NMF500	Model No. of filter in photogra	aph is CF6	01CCZ3SD5.		LW60 KF30
Flow Rating:Up to 50 gpm (190 L/min) for 150 SUS (32 cSt) fluidsFilter Housing SpecificationsMKF50Max. Operating Pressure:6000 psi (415 bar)MKF50Min. Yield Pressure:15,500 psi (1070 bar), per NFPA T2.6.1MKC50Rated Fatigue Pressure:4000 psi (276 bar), per NFPA T2.6.1-R1-2005KC65Temp. Range:-20°F to 225°F (-29°C to 107°C)KC65Bypass Setting:Cracking: 40 psi (2.8 bar) Full Flow: 75 psi (5.2 bar) Non-bypassing model has a blocked bypass.HS60Porting Head:Ductile Iron Element Change Clearance:KFH50Ueight of CF60-9C:24.0 lbs. (10.9 kg)LC630Element Change Clearance:4.0° (103 mm)LC355Type FluidAppropriate Schroeder Media Invert Emulsions10 and 25 µ Z-Media® and ASP® Media (synthetic)High Water ContentAll Z-Media® and ASP® Media (synthetic)MH5300Water Glycols3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH5300Phosphate EstersAll Z-Media® and ASP® Media (synthetic)MH5300RMF600Skydrol®3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH5300Skydrol®3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH5300RMF600Skydrol®3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH5300RMF600Skydrol®3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH500RMF600Skydrol®3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH610RMF600Skydrol®3, 5, 10 and 25 µ Z-Me					KF50 TF50
Max. Operating Pressure:6000 psi (415 bar)Housing MKF50Min. Yield Pressure:15,500 psi (1070 bar), per NFPA T2.6.1Housing SpecificationsMKF50Rated Fatigue Pressure:4000 psi (276 bar), per NFPA T2.6.1-R1-2005KC655Temp. Range:-20°F to 225°F (-29°C to 107°C)KC655Bypass Setting:Cracking: 40 psi (2.8 bar) Full Flow: 75 psi (5.2 bar) Non-bypassing model has a blocked bypass.MH560Porting Head:Ductile Iron Element Case:SteelKFFH50Weight of CF60-9C:24.0 lbs. (10.9 kg)LC660Element Change Clearance:4.0" (103 mm)LC355LC500NOF500-055LC500Type FluidAppropriate Schroeder MediaFluid NOF-50-7600Petroleum Based FluidsAll E-Media (cellulose), Z-Media® and ASP® Media (synthetic)Fluid NOF-50-7600High Water ContentAll Z-Media® and ASP® Media (synthetic)NMF500Water Glycols3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)NMF500Water Glycols3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)NMF500Water Glycols3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)NMF500Phosphate EstersAll Z-Media® and all ASP® Media (synthetic)NMF500RMF600Skydrol"3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic) with H.5 seal designation (EPR seals and stainless steel wire meenent, and light oil14-CRZX100		D 11		Filtor	KC50
Min. Yield Pressure:15,500 psi (1070 bar), per NFPA T2.6.1SpecificationsMKC500Rated Fatigue Pressure:4000 psi (276 bar), per NFPA T2.6.1-R1-2005KC65Temp. Range:-20°F to 225°F (-29°C to 10°°C)KC65Bypass Setting:Cracking: 40 psi (2.8 bar) Non-bypassing model has a blocked bypass.H560Porting Head:Ductile IronKFH50Element Case:SteelKFH50Weight of CF60-9C:24.0 lbs. (10.9 kg)LC60Element Change Clearance:4.0° (103 mm)LC35LC50NOF-500-760Cellulose), Z-Media® and ASP® Media (synthetic)NOF-500-760High Water ContentAll E-Media (cellulose), Z-Media® and ASP® Media (synthetic)FluidHigh Water Glycols3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)NMF30Water Glycols3, 5, 10 and 25 µ Z-Media® and ASP® Media (synthetic)NMF30Phosphate EstersAll Z-Media® and ASP® Media (synthetic)NMF30Skydrol®3, 5, 10 and 25 µ Z-Media® and ASP® Media (synthetic)NMF30Min ColorSkydrol®3, 5, 10 and 25 µ Z-Media® and ASP® Media (synthetic)NMF30Min ColorSkydrol®3, 5, 10 and 25 µ Z-Media® and ASP® Media (synthetic)NMF30Min ColorSkydrol®3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)NMF30Mater Glycols3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)NMF30Mater Glycols3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)NMF30Mater Glycols3, 5, 10 and 25 µ Z-Media® and all ASP® Media		-			MKF50
Rated Fatigue Pressure:4000 psi (276 bar), per NFPA T2.6.1-R1-2005KC665Temp. Range:-20°F to 225°F (-29°C to 107°C)KC665Bypass Setting:Cracking: 40 psi (2.8 bar) Full Flow: 75 psi (5.2 bar) Non-bypassing model has a blocked bypass.HS600Porting Head:Ductile Iron Element Case:KFF150Weight of CF60-9C:24.0 lbs. (10.9 kg)LC600Element Change Clearance:4.0° (103 mm)LC50Type FluidAppropriate Schroeder Media (synthetic)FluidPetroleum Based FluidsAll E-Media (cellulose), Z-Media® and ASP® Media (synthetic)Fluid MOF-50-7600High Water ContentAll Z-Media® and ASP® Media (synthetic)MH560Invert Emulsions10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH560Water Glycols3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH560Phosphate EstersAll Z-Media® and all ASP® Media (synthetic)MH560Phosphate Esters3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH560Skydrol3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH560Phosphate Esters3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH560RMF60Skydrol3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH560RMF60Skydrol3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH560High Water ContentAll Z-Media® and all ASP® Media (synthetic)MH560Muffa0Skydrol3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH570 <tr< td=""><td></td><td></td><td></td><td></td><td>МКС50</td></tr<>					МКС50
Temp. Range:-20°F to 225°F (-29°C to 107°C)KC65Bypass Setting:Cracking: 40 psi (2.8 bar) Full Flow:H560 Non-bypassing model has a blocked bypass.H560Non-bypassing model has a blocked bypass.MH560Porting Head:Ductile Iron Element Case:KFH50Weight of CF60-9C:24.0 lbs. (10.9 kg)LC60Element Change Clearance:4.0° (103 mm)LC35LC50NOF500-05LC50Type FluidAppropriate Schroeder Media Petroleum Based FluidsAll E-Media (ellulose), Z-Media® and ASP® Media (synthetic)Fluid NOF-50-760High Water ContentAll Z-Media® and ASP® Media (synthetic)MH560MH560Water Glycols3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MH560Phosphate EstersAll Z-Media® and ASP® Media (synthetic)MH560Phosphate EstersAll Z-Media® and ASP® Media (synthetic)MMF50RMF600Skydrol®3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MMF500RMF600Skydrol®All Z-Media® and ASP® Media (synthetic) with H.5 seal designation (EPR seals and stainless steel wire mesh in element, and light oil14-CRZX10					
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Type FluidAppropriate Schroeder MediaFluidNOF-50-760Petroleum Based FluidsAll E-Media (cellulose), Z-Media® and ASP® Media (synthetic)FOF60-03High Water ContentAll Z-Media® and ASP® Media (synthetic)FOF60-03Invert Emulsions10 and 25 µ Z-Media® (synthetic) and 10 µ ASP® Media (synthetic)MMF30Water Glycols3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic)MMF30Phosphate EstersAll Z-Media® and ASP® Media (synthetic) with H (EPR) seal designationMF60Skydrol®3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic) with H.5 seal designation (EPR seals and stainless steel wire mesh in element, and light oil14-CRZX10					
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High Water Content All Z-Media® and ASP® Media (synthetic) NMF30 Invert Emulsions 10 and 25 µ Z-Media® (synthetic) and 10 µ ASP® Media (synthetic) NMF30 Water Glycols 3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic) RMF60 Phosphate Esters All Z-Media® and ASP® Media (synthetic) with H (EPR) seal designation 14-CRZX10 Skydrol® 3, 5, 10 and 25 µ Z-Media® and all ASP® Media (synthetic) with H.5 seal designation (EPR seals and stainless steel wire mesh in element, and light oil 14-CRZX10			-	Compatibility	FOF60-03
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	Skydrol [®] 3, 5, desig	5, 10 and 2 ignation (E	5 μ Z-Media [®] and all ASP [®] Media (synthetic) with H.5 seal PR seals and stainless steel wire mesh in element, and light oil		
	Cour		-	•	-τηγα ΙΩ



CF60 Top-Ported Pressure Filter



Metric dimensions in ().

Dimensions shown are inches (millimeters) for general information and overall envelope size only. For complete dimensions please contact Schroeder Industries to request a certified print.

Element Performance **Information & Dirt Holding Capacity**

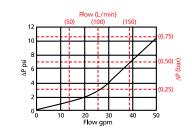
	Filtration Ratio Per ISO 4572/NFPA T3.10.8.8 Using automated particle counter (APC) calibrated per ISO 4402			Filtration Ratio per ISO 16889 Using APC calibrated per ISO 11171	
Element	$\beta_x \ge 75$	$\beta_x \ge 100$	$\beta_x \ge 200$	$\beta_x(c) \ge 200$	$\beta_x(c) \ge 1000$
CCZ1	<1.0	<1.0	<1.0	<4.0	4.2
CCZ3	<1.0	<1.0	<2.0	<4.0	4.8
CCZ5	2.5	3.0	4.0	4.8	6.3
CCZ10	7.4	8.2	10.0	8.0	10.0
CCZ25	18.0	20.0	22.5	19.0	24.0
CCZX3	<1.0	<1.0	<2.0	4.7	5.8

Element	DHC (gm)	
CCZ1	57	
CCZ3	58	
CCZ5	63	
CCZ10	62	
CCZ25	63	
CCZX3	26*	
	Element Collapse Rating:	150 psid (10 bar) for standard elements 3000 psid (210 bar) for high collapse (ZX) versions
	Flow Direction:	Outside In
	Element Nominal Dimensions:	CC: 3.0" (75 mm) O.D. x 9.5" (240 mm) long

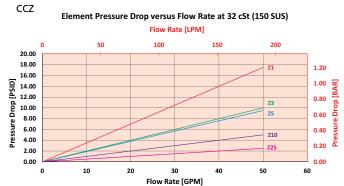
Top-Ported Pressure Filter

$\Delta \mathbf{P}_{\mathsf{housing}}$

CF60 $\triangle \mathbf{P}_{\text{housing}}$ for fluids with sp gr (specific gravity) = 0.86:



 $\triangle \mathbf{P}_{element}$



Pressure Drop Information Based on Flow Rate and Viscosity

CF6

$\Delta \Gamma_{\text{filter}} = \Delta \Gamma_{\text{housing}} + (\Delta \Gamma_{\text{element}} ^{V} f)$	$\mathbf{P}_{\text{filter}} = \Delta \mathbf{P}_{\text{housing}} + ($		*V£)
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Exercise:

Determine $\Delta \mathbf{P}_{filter}$ at 30 gpm (113.6 L/min) for CF601CCZ10SD5 using 175 SUS (37.2 cSt) fluid.

Use the housing pressure curve to determine $\Delta P_{\text{housing}}$ at 30 gpm. In this case, $\Delta P_{\text{housing}}$ is 4 psi (.28 bar) on the graph for the CF60 housing.

Use the element pressure curve to determine $\Delta P_{element}$ at 30 gpm. In this case, $\Delta P_{element}$ is 3 psi (.21 bar) according to the graph for the CCZ10 element.

Because the viscosity in this sample is 175 SUS (37.2 cSt), we determine the **Viscosity Factor** (V_f) by dividing the **Operating Fluid Viscosity** with the **Standard Viscosity** of 150 SUS (32 cSt). To best determine your Operating Fluid Viscosity, please reference the chart in Appendix D.

Finally, the overall filter pressure differential, $\Delta \mathbf{P}_{\text{filter}}$, is calculated by adding $\Delta \mathbf{P}_{\text{housing}}$ with the true element pressure differential, ($\Delta \mathbf{P}_{\text{element}} * V_f$). The $\Delta \mathbf{P}_{\text{element}}$ from the graph has to be multiplied by the viscosity factor to get the true pressure differential across the element.

Solution:

 $\Delta \mathbf{P}_{\text{housing}} = 4 \text{ psi} [.28 \text{ bar}] \mid \Delta \mathbf{P}_{\text{element}} = 3 \text{ psi} [.21 \text{ bar}]$

V_f = 175 SUS (37.2 cSt) / 150 SUS (32 cSt) = 1.2 △ $P_{\text{filter}} = 4 \text{ psi} + (3 \text{ psi} * 1.2) = 7.6 \text{ psi}$ OR

△P_{filter} = .28 bar + (.21 bar * 1.2) = .53 bar

Note:

If your element is not graphed, use the following equation: $\Delta P_{element} = Flow Rate x \Delta P_f$ Plug this variable into the overall pressure drop equation.

Ele.	$\Delta \mathbf{P}$
CC3	0.22
CC10	0.13
CC25	0.03
CCAS3	0.20
CCAS5	0.19
CCAS10	0.10
CCZX3	0.29
CCZX10	0.26

CF60 Top-Ported Pressure Filter

Filter How to Build a Valid Model Number for a Schroeder CF60: BOX 3 BOX 4 BOX 5 BOX 6 BOX 7 BOX 8 BOX 9 BOX 1 BOX 2 Model CF60 Number Selection BOX 1 BOX 2 BOX 3 BOX 4 BOX 5 BOX 6 BOX 7 BOX 8 BOX 9 = CF601CCZ10SD5 1CC Ζ S CF60 10 D5 BOX 1 BOX 2 BOX 3 Number nd Size of Filter Media Type and Size Elements Series 1CC Omit E Media (cellulose) CF60 Z = Excellement[®] Z-Media[®] (synthetic) CFN60 ZX = Excellement[®] Z- Media[®] (high collapse center tube) (Non-bypassing: requires ZX AS = Anti-Stat Media (synthetic) high collapse elements) BOX 5 BOX 6 BOX 4 Seal Porting Micron Rating Material Omit = Buna N S = SAE-20= 1 Micron (Z media) 1 V = Viton® $P = 1\frac{1}{4}$ " NPTF (AS, E, Z and ZX media) 3 = 3 Micron H = EPR $F = 1\frac{1}{4}$ " SAE 4-bolt 5 = 5 Micron (AS, Z, and ZX media) H.5 = Skydrol[®] compatibility flange code 62 10 = 10 Micron (AS,E, Z, and ZX media) B = ISO 228 G-1¹/₄" 25 = 25 Micron (E, Z and ZX media) BOX 7 BOX 8 **Dirt Alarm® Options** Options Omit = None Omit = None Visual D5 = Visual pop-up 25 = 25 psi bypass setting Visual 30 = 30 psi bypass setting with D8 = Visual w/ thermal lockout 50 = 50 psi bypass setting Thermal Lockout 60 = 60 psi bypass setting MS5 = Electrical w/ 12 in. 18 gauge 4-conductor cable 75 = 75 psi bypass setting MS5LC = Low current MS5 MS10 = Electrical w/ DIN connector (male end only) MS10LC = Low current MS10 MS11 = Electrical w/ 12 ft. 4-conductor wire Electrical MS12 = Electrical w/ 5 pin Brad Harrison connector (male end only) MS12LC = Low current MS12 MS16 = Electrical w/ weather-packed sealed connector MS16LC = Low current MS16 MS17LC = Electrical w/ 4 pin Brad Harrison male connector MS5T = MS5 (see above) w/ thermal lockout MS5I CT = Low current MS5T MS10T = MS10 (see above) w/ thermal lockout Electrical MS10LCT = Low current MS10T with MS12T = MS12 (see above) w/ thermal lockout Thermal MS12LCT = Low current MS12T Lockout MS16T = MS16 (see above) w/ thermal lockout MS16LCT = Low current MS16T

MS17LCT = Low current MS17T

MS13DCLCT = Low current MS13DCT

MS14DCLCT = Low current MS14DCT

MS13 = Supplied w/ threaded connector & light

MS14 = Supplied w/ 5 pin Brad Harrison connector & light (male end)

MS13DCT = MS13 (see above), direct current, w/ thermal lockout

MS14DCT = MS14 (see above), direct current, w/ thermal lockout

Electrical

Electrical

Thermal

Lockout

Visual

Visual

with

NOTES:

- Box 2. Replacement element part numbers are identical to contents of Boxes 2, 3, 4 and 5. E media (cellulose) elements are only available with Buna N seals.
- Box 5. H.5 seal designation includes the following: EPR seals, stainless steel wire mesh on elements, and light oil coating on housing exterior. Viton[®] is a registered trademark of DuPont Dow Elastomers. Skydrol[®] is a registered trademark of Solutia Inc.
- Box 6. B porting option supplied with metric mounting holes.
- Box 8. Standard indicator setting for nonbypassing model is 50 psi unless otherwise specified.