

HOW TO ORDER MODEL 3-S

SELECT THE APPROPRIATE SYMBOLS FROM THE NUMBERED BOXES

EXAMPLE:

F3 SEALS Box 1	20 SIZE Box 2	S TYPE Box 3	74W ELEMENT Box 4	M INDICATOR Box 5	3 SPRING Box 6
----------------------	---------------------	--------------------	-------------------------	-------------------------	----------------------

<p>1. SEALS</p> <p>If Standard Buna-N compound seals are desired, omit symbol. Seals for synthetic fluids or above normal temperatures are ordered as:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Symbol</th> <th style="text-align: left;">Seal Compound</th> </tr> </thead> <tbody> <tr> <td>★F3</td> <td>= Viton A</td> </tr> </tbody> </table>	Symbol	Seal Compound	★F3	= Viton A	<p>2. SIZE - Basic Assembly</p> <p>For Flow rates see page</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Symbol</th> <th style="text-align: left;">Media</th> </tr> </thead> <tbody> <tr><td>13C</td><td>3</td></tr> <tr><td>14C</td><td>5</td></tr> <tr><td>15C</td><td>10</td></tr> <tr><td>16C</td><td>20 (IL)</td></tr> <tr><td>17C</td><td>20</td></tr> <tr><td>18C</td><td>50</td></tr> <tr><td>19C</td><td>60</td></tr> <tr><td>20C</td><td>75</td></tr> <tr><td>21C</td><td>150</td></tr> <tr><td>22C</td><td>400</td></tr> </tbody> </table>	Symbol	Media	13C	3	14C	5	15C	10	16C	20 (IL)	17C	20	18C	50	19C	60	20C	75	21C	150	22C	400	<p>3. TYPE</p> <p>Symbol</p> <p>S = External Line Mounted F = Interchangeable with S (Note 6) IL = Inline Mounted (20-IL only) W = Suffix for waterfitted in all sizes and types (e.g. SW) (Note 3)</p>																																									
Symbol	Seal Compound																																																																				
★F3	= Viton A																																																																				
Symbol	Media																																																																				
13C	3																																																																				
14C	5																																																																				
15C	10																																																																				
16C	20 (IL)																																																																				
17C	20																																																																				
18C	50																																																																				
19C	60																																																																				
20C	75																																																																				
21C	150																																																																				
22C	400																																																																				
<p>4. ELEMENT - SEE SELECTION GUIDE FOR ELEMENT AVAILABILITY</p> <p>WIRE CLOTH (REUSABLE)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Symbol</th> <th style="text-align: left;">Absolute Rating</th> <th style="text-align: left;">Media</th> </tr> <tr> <th style="text-align: left;">(Absolute Rating Micrometres)</th> <th style="text-align: left;">Rating (Inches)</th> <th style="text-align: left;">Media</th> </tr> </thead> <tbody> <tr><td>238W</td><td>.0090</td><td>50 Mesh</td></tr> <tr><td>149W</td><td>.0055</td><td>40 Mesh</td></tr> <tr><td>74W</td><td>.0027</td><td>30 Mesh</td></tr> <tr><td>40W</td><td>.0016</td><td>20 Mesh</td></tr> <tr><td>25W</td><td>.0010</td><td></td></tr> </tbody> </table> <p>SYNTHETIC FIBRE (THROWAWAY)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Symbol</th> <th style="text-align: left;">Nominal Rating</th> <th style="text-align: left;">Media</th> </tr> <tr> <th style="text-align: left;">(Nominal Rating Micrometres)</th> <th style="text-align: left;">Rating (Inches)</th> <th style="text-align: left;">Media</th> </tr> </thead> <tbody> <tr><td>40A</td><td>.0016</td><td>Stainless Steel</td></tr> </tbody> </table> <p>CELLULOSE PAPER (THROWAWAY)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Symbol</th> <th style="text-align: left;">Nominal Rating</th> <th style="text-align: left;">Media</th> </tr> <tr> <th style="text-align: left;">(Nominal Rating Micrometres)</th> <th style="text-align: left;">Rating (Inches)</th> <th style="text-align: left;">Media</th> </tr> </thead> <tbody> <tr><td>20C</td><td>.0008</td><td>Stainless Steel</td></tr> <tr><td>10C</td><td>.0004</td><td>Stainless Steel</td></tr> <tr><td>03C</td><td>.00012</td><td>Stainless Steel</td></tr> </tbody> </table> <p>BETA (THROWAWAY)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Symbol</th> <th style="text-align: left;">Absolute Rating</th> <th style="text-align: left;">Available in 60-S only</th> </tr> <tr> <th style="text-align: left;">(Absolute Rating Micrometres)</th> <th style="text-align: left;">Rating (Inches)</th> <th style="text-align: left;">Available in 60-S only</th> </tr> </thead> <tbody> <tr><td>10B</td><td>.0004</td><td></td></tr> <tr><td>03B</td><td>.00012</td><td></td></tr> </tbody> </table>	Symbol	Absolute Rating	Media	(Absolute Rating Micrometres)	Rating (Inches)	Media	238W	.0090	50 Mesh	149W	.0055	40 Mesh	74W	.0027	30 Mesh	40W	.0016	20 Mesh	25W	.0010		Symbol	Nominal Rating	Media	(Nominal Rating Micrometres)	Rating (Inches)	Media	40A	.0016	Stainless Steel	Symbol	Nominal Rating	Media	(Nominal Rating Micrometres)	Rating (Inches)	Media	20C	.0008	Stainless Steel	10C	.0004	Stainless Steel	03C	.00012	Stainless Steel	Symbol	Absolute Rating	Available in 60-S only	(Absolute Rating Micrometres)	Rating (Inches)	Available in 60-S only	10B	.0004		03B	.00012		<p>PERFORATED METAL ELEMENTS</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Symbol</th> <th style="text-align: left;">Perforated Media</th> </tr> <tr> <th style="text-align: left;">(perforation dia.) Inches</th> <th style="text-align: left;">Material</th> </tr> </thead> <tbody> <tr><td>.062S</td><td>Stainless Steel</td></tr> <tr><td>.033S</td><td>Stainless Steel</td></tr> <tr><td>.020S</td><td>Stainless Steel</td></tr> </tbody> </table> <p>HOW TO ORDER STANDBY ELEMENTS AND CARTRIDGES</p> <p>ELEMENT — Specify Symbols for Boxes 2, 3, 4 and 9 and add word ELEMENT</p> <p>Example: 20-S-74W-** ELEMENT</p> <p>CARTRIDGE — Specify Symbols for Boxes 1, 2, 3, 4, and 9 and add word CARTRIDGE</p> <p>Example: F3-20-S-74W-** CARTRIDGE</p> <p>NOTE: Cartridge Assembly includes Element plus — End Caps, Piston Ring, and Tie rod screws. (see page 12C)</p> <p>Other media available as special, consult factory.</p> <p>Model 200-S no longer available. However, elements and cartridges can be ordered like above.</p>	Symbol	Perforated Media	(perforation dia.) Inches	Material	.062S	Stainless Steel	.033S	Stainless Steel	.020S	Stainless Steel	<p>5. INDICATOR</p> <p>M = Mechanical Indicator, Spring Returned Right Hand (Standard) ★ML = Mechanical Indicator, Spring Returned Left Hand ★E = Electrical Indicator, Right Hand see ★EL = Electrical Indicator, Left Hand (Note 1)</p>
Symbol	Absolute Rating	Media																																																																			
(Absolute Rating Micrometres)	Rating (Inches)	Media																																																																			
238W	.0090	50 Mesh																																																																			
149W	.0055	40 Mesh																																																																			
74W	.0027	30 Mesh																																																																			
40W	.0016	20 Mesh																																																																			
25W	.0010																																																																				
Symbol	Nominal Rating	Media																																																																			
(Nominal Rating Micrometres)	Rating (Inches)	Media																																																																			
40A	.0016	Stainless Steel																																																																			
Symbol	Nominal Rating	Media																																																																			
(Nominal Rating Micrometres)	Rating (Inches)	Media																																																																			
20C	.0008	Stainless Steel																																																																			
10C	.0004	Stainless Steel																																																																			
03C	.00012	Stainless Steel																																																																			
Symbol	Absolute Rating	Available in 60-S only																																																																			
(Absolute Rating Micrometres)	Rating (Inches)	Available in 60-S only																																																																			
10B	.0004																																																																				
03B	.00012																																																																				
Symbol	Perforated Media																																																																				
(perforation dia.) Inches	Material																																																																				
.062S	Stainless Steel																																																																				
.033S	Stainless Steel																																																																				
.020S	Stainless Steel																																																																				
<p>6. SPRING — Pressure Drop Control Spring</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Symbol</th> <th style="text-align: left;">Rating</th> </tr> </thead> <tbody> <tr><td>2</td><td>2 psi (4 in. Hg) (0.14 bar)</td></tr> <tr><td>3</td><td>3 psi (6 in. Hg) (0.21 bar)</td></tr> <tr><td>5</td><td>5 psi (10 in. Hg) (0.34 bar)</td></tr> <tr><td>10</td><td>10 psi (0.69 bar)</td></tr> <tr><td>15</td><td>15 psi (1.03 bar)</td></tr> <tr><td>20</td><td>20 psi (1.38 bar)</td></tr> </tbody> </table>	Symbol	Rating	2	2 psi (4 in. Hg) (0.14 bar)	3	3 psi (6 in. Hg) (0.21 bar)	5	5 psi (10 in. Hg) (0.34 bar)	10	10 psi (0.69 bar)	15	15 psi (1.03 bar)	20	20 psi (1.38 bar)	<p>8. MODIFICATIONS</p> <p>Symbol = Option</p> <p>1 = No Modifications ★3 = Magnet Assembly ★4 = Air Bleed Cover ★6 = Air Bleed Cover with Magnet Assembly 11 = No Bypass Cover ★12 = No Bypass Cover with Magnet Assembly ★13 = No Bypass Cover with Air Bleed ★14 = No Bypass Cover with Air Bleed and Magnet Assembly</p> <p>Note: 3-S only 1 & 11 available 400-S only 1, 3, 11, & 12 available</p>																																																						
Symbol	Rating																																																																				
2	2 psi (4 in. Hg) (0.14 bar)																																																																				
3	3 psi (6 in. Hg) (0.21 bar)																																																																				
5	5 psi (10 in. Hg) (0.34 bar)																																																																				
10	10 psi (0.69 bar)																																																																				
15	15 psi (1.03 bar)																																																																				
20	20 psi (1.38 bar)																																																																				
<p>9. DESIGN NUMBER **</p> <p>Applied to filter assembly by factory at time of manufacture. Use Design Number when ordering replacement parts or standby Cartridge Assemblies.</p>																																																																					