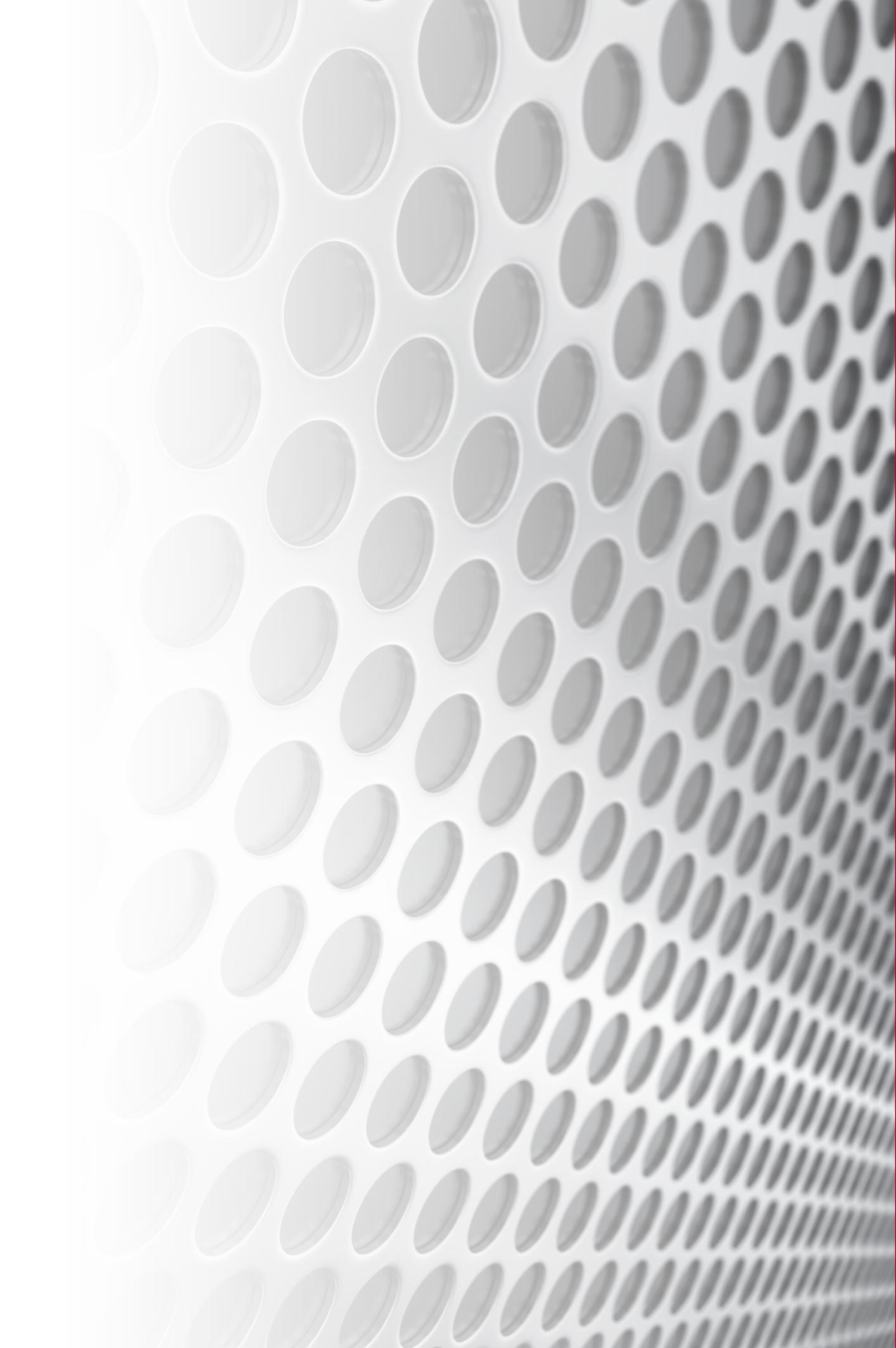


Section 7:

REPLACEMENT ELEMENTS



BestFit Elements — Parker FBO Elements

Description

Schroeder Industries has developed the BestFit replacement element series based upon the Parker FBO Series filters, providing replacements for both particulate and water removal elements in the field. The BestFit Coalescing design allows for our patented coalescing water removal filtration technology to be used within the Parker FBO Series filters found in the field today, providing improvements in water removal efficiency* and a improvement in particulate retention** and filter element service life. The BestFit Particulate design incorporates the same advantages our Z-media brings to fuel filtration with improved particulate removal efficiency and capacity. Along with improved performance comes a design that incorporates components that prevent degradation and eliminate the potential for corrosion.

***water removal efficiency tested at 15 gpm according to fuel/water separation test procedure SAE J1488:2010 **particulate retention was determined according to multi-pass test method ISO 16889:2008(E)**



Features & Benefits

- Schroeder Industries SBFC element uses patented, three stage coalescing filtration technology
- Schroeder Industries SBFD element uses fully synthetic, multi-layered Z-media filtration technology
- Synthetic filtration media eliminates degradation due to high water content fuel
- Stainless steel and polymer material of construction provide a robust and corrosion-resistant structure
- The SBFC element provides 1.88x the filtration surface of the OEM design
- The SBFC element performs greater than 99.5% efficient at removing particles smaller than 4 micron in size
- Patented three stage coalescing filtration technology for improvements in water removal efficiency and capacity
- Use of stainless steel support structure and polymer components prevent corrosion from high water content exposure
- Direct fitment into existing installations allow for immediate performance improvements with no modifications
- Coalescing technology can provide a significant reduction in operating costs in comparison to absorbing technology, due to the benefit of "bottomless" water removal capacity.

Element Specifications

Differential Pressure Rating:	75 psid
Maximum Operating Temperature Range:	225°F (107°C)
End Cap Material:	Plastic
Center Tube Material (when included):	Stainless Steel
Seal Material:	Fluoroelastomer, FKM
Filter Element Length, Typical:	10", 14"
Filtration Rating:	Particulate: 5, 10, 25 µm Coalescing: 5 µm
Degree of Separation:	95%+

BestFit Elements — Parker FBO Elements

	Parker Racor Part Number	Filter Housing Used	Micron Rating	Function	Schroeder Model Code	Schroeder Part No.	Element Table	ICF
NEW!	FBO 60363	FBO-10	10	Aquabloc™ 3D	SBFC-FBO-10Z5V	7644660		BDF
	FBO 60331		5	Particulate	SBFD-FBO-10Z5V	7644662	BDFA	
	FBO 60334			Water Absorbing	Consider SBFC-FBO-10Z5V	7644660	BDA	
	FBO 60328			Water Coalescing	SBFC-FBO-10Z5V	7644660		
	FBO 60354		10	Particulate	SBFD-FBO-10Z10V	7644664	GHPF	
	FBO 60355			Water Absorbing	Consider SBFC-FBO-10Z5V	7644660	GHCF	
	FBO 60353			Water Coalescing	Consider SBFC-FBO-10Z5V	7644660		
	FBO 60332		25	Particulate	SBFD-FBO-10Z25V	7644666	QCF	
	FBO 60335			Water Absorbing	Consider SBFC-FBO-10Z5V	7644660		
	FBO 60329			Water Coalescing	Consider SBFC-FBO-10Z5V	7644660		
NEW!	FBO 60364	FBO-14	10	Aquabloc™ 3D	SBFC-FBO-14Z5V	7644661	BDS	
	FBO 60340		5	Particulate	SBFD-FBO-14Z5V	7644663	BDS2	
	FBO 60343			Water Absorbing	Consider SBFC-FBO-14Z5V	7644661	BDS3	
	FBO 60337			Water Coalescing	SBFC-FBO-14Z5V	7644661		
	FBO 60357		10	Particulate	SBFD-FBO-14Z10V	7644665	BDS4	
	FBO 60358			Water Absorbing	Consider SBFC-FBO-14Z5V	7644661	LVH-F	
	FBO 60356			Water Coalescing	Consider SBFC-FBO-14Z5V	7644661	LVH-C	
	FBO 60341		25	Particulate	SBFD-FBO-14Z25V	7644667	BDFC	
	FBO 60344			Water Absorbing	Consider SBFC-FBO-14Z5V	7644661	BDFP	
	FBO 60338			Water Coalescing	Consider SBFC-FBO-14Z5V	7644661	BDC	

- ICF
- BDF
- BDFA
- BDA
- GHPF
- GHCF
- QCF
- BDS
- BDS2
- BDS3
- BDS4
- LVH-F
- LVH-C
- BDFC
- BDFP
- BDC
- HDP
- HDPD
- EPM
- EPTT
- EWU
- BCC

BestFit Elements — Parker FBO Elements

Filter Model Number Selection

How to Build a Valid Model Number for a BetterFit Element:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6
SBF					

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	
SBF	D	FBO	10	Z5	V	= SBFD-FBO-10Z5V

NOTES:

Box 2. The SBF "C" (Box 2) is only available in a Z5 media configuration.

BOX 1	BOX 2	BOX 3	BOX 4
Filter Element Type SBF = Schroeder BestFit	Media Type D = Particulate Filtration C = Coalescing & Particulate Filtration *for others, contact factory	Filter Series FBO = Parker FBO	Filter Series 10 = 10" 14 = 14"
BOX 5	BOX 6		
Filter Material Z5 = 5 micron Z-media Z10 = 10 micron Z-media Z25 = 25 micron Z-media	Sealing Material V = Fluoroelastomer (FKM, Viton®)		

Betterfit Elements

BetterFit filter elements for diesel applications have been specially developed to filter high volumes of contamination from diesel fuel. The meshpack is made from the latest Optimicron® Diesel material and incorporates the innovative Helios technology for:

- Excellent dirt holding capacity
- Stable pleat structure
- Low Δp



Filter: Optimicron® ON/DF

BetterFit dewatering elements use materials specifically designed for coalescing and for separating water from diesel:

- Optimicron® Diesel element technology for possible two stage dewatering
- Coalescer elements with high efficiency pleated materials
- Separator elements with new innovative coating for safe water separation
- The Optimicron® Diesel element technology enables secure and efficient dewatering even when the water content of the diesel is low



Coalescer: Optimicron® ON/DC

Filtration

Dewatering

How to Build a Valid Model Number for a BetterFit Element:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6
1.25					

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6
1.25	60	D	05	ON/DF	V

= 1.2560D05ON/DFV

BOX 1	BOX 2	BOX 3	BOX 4
Filter Element Type	Length	Version	Filtration Rating
1.25 = Pall HFU6 1.32 = Pall LCS 1.33 = Pall LSS 15.01 = Velcon DFO 15.03 = Velcon I 15.04 = Velcon SO 4.15 = Parker HFS 4.17 = Parker HCP 4.18 = Parker HSP 45.01 = Faudi A.4 45.02 = Faudi 60	20 = 20" 40 = 40" 60 = 60" *for others, contact factory	D = Standard	05 = 5 μ m 10 = 10 μ m 20 = 20 μ m
		BOX 5	BOX 6
		Filter Material	Sealing Material
		ON/DF = Optimicron® / Diesel Filtration ON/DC = Optimicron® / Diesel Coalescing ON/DS = Optimicron® / Diesel Separation	V = FPM (FKM, Viton®)

Filter Model Number Selection

BetterFit Elements

Element Table

Part Number	Model Code	Competitor	Competitor Code
Contact Factory	1.25.20 D 03 ON/DF /-V	Pall	HFU620GF020H13
Contact Factory	1.25.20 D 05 ON/DF /-V	Pall	HFU620GF060H13
Contact Factory	1.25.20 D 10 ON/DF /-V	Pall	HFU620GF100H13
Contact Factory	1.25.40 D 03 ON/DF /-V	Pall	HFU640GF020H13
3829783	1.25.40 D 05 ON/DF /-V	Pall	HFU640GF060H13
3877700	1.25.40 D 10 ON/DF /-V	Pall	HFU640GF100H13
3882380	1.25.40 D 20 ON/DF /-V	Pall	HFU640GF200H13
3828184	1.25.60 D 05 ON/DF /-V	Pall	HFU660GF060H13
3877699	1.25.60 D 19 ON/DF /-V	Pall	HFU660GF100H13
3952283	1.25.60 D 20 ON/DF /-V	Pall	HFU660GF200H13
3875491	1.32.20 D Z ON/DC /-V	Pall	LCS2H1AH
3875488	1.32.40 D Z ON/DC /-V	Pall	LCS4H1AH
3875110	1.33.20 D Z ON/DS /-V	Pall	LSS2F2H
3872179	15.01.29 D 05 ON/DF /-V	Velcon	DFO-629PLF6
3907748	15.03.44 D Z ON/DC /-V	Velcon	I-6444 TB
3907750	15.04.29 D Z ON/DS /-V	Velcon	SO-629PLF3
3866983	4.15.28 D 05 ON/DF /-V	Parker	HFS-28605-S
3907751	4.17.43 D Z ON/DC /-V	Parker	HCP-43601-TB
3907752	4.18.33 D Z ON/DS /-V	Parker	HSP-33605-S
3907754	45.01.33 D Z ON/DC /-V	Faudi	A.4-842
3907753	45.02.40 D Z ON/DS /-V	Faudi	60.644-1012

