

70/70 Eco Series

High Pressure Filters

Ordering Information (cont.)

Product configurator

Box 1	Box 2	Box 3	Box 4	Box 5	Box 6	Box 7	Box 8
70L	3	10Q	B	M3	K	G24	1

Box 1

Code	
Model	Code
High pressure filter with L-port	70L
High pressure filter with T-port	70T
High pressure filter with side manifold mounting	70B

Box 2

Filter type	
Length	Code
Length 1	1
Length 2	2
Length 3	3
Length 4	4

Box 3

Degree of filtration				
Element media	Glass fibre			
	Media code			
Microglass III element	02Q	05Q	10Q	20Q
Ecoglass III element	02QE	05QE	10QE	20QE
High collapse element	02QH	05QH	10QH	20QH

Note: When using Ecoglass III elements reusable Eco-adaptor is required. Consult Parker.

Box 4

Seal type	
Seal material	Code
Nitrile	B
Fluoroelastomer	V

Box 5

Indicator	
	Code
Plugged with steel plug	P
Visual indicator	M3
Electrical indicator	T1
Electronic 4 LED, PNP, N.O.	F1
Electronic 4 LED, NPN, N.O.	F2
Electronic 4 LED, PNP, N.C.	F3
Electronic 4 LED, NPN, N.C.	F4

Box 6

Bypass and indicator settings		
Bypass valve	Indicator	Code
3.5 bar	2.5 bar	K
No bypass	7.0 bar	N
No bypass	No indicator (P)	X

+ Box 8: code 2

+ Box 8: code 2

When filter includes a bypass valve but not an indicator, code denotes bypass setting.

Box 7

Filter connection					
Connections	Code	Length 1	Length 2	Length 3	Length 4
Thread G 1	G16	S	S	x	x
Thread G 1 1/4	G20	S	S	S	S
Thread G 1 1/2	G24	x	S	S	S
SAE flange 1 1/4" 3000-M	R20	x	x	x	x
SAE flange 1 1/2" 3000-M	R24	x	x	x	x
SAE flange 1 1/4" 6000-M	H20	x	x	x	x
SAE flange 1 1/2" 6000-M	H24	x	x	x	x
Side manifold (70B only)	X32	x	x	x	x

Availability: **S** = standard product
x = non-standard, ask for availability

Box 8

Options	
Options	Code
Standard	1
No bypass	2
Drain port	4
70T: side indicator ports	6
70T: options 2 + 6	8

Options 6 and 8: in 70T model there is an option for 2 x indicator ports on filter outlet flange (standard indicator port not machined)
P: both side indicator ports plugged with steel plug
M3 or other indicator chosen: right side (in flow direction) port plugged with a plastic plug, left with a steel plug

Nominal flow (l/min) at viscosity 30 cSt						
Filter length	Media	G16 T-port	G16 L-port & G20 T-port	G20 L-port & Side manifold	G24 T-port	G24 L-port
Length 1	02Q/02QE	80	80	80	80	80
	05Q/05QE	120	120	120	120	120
	10Q/10QE	150	150	150	150	150
	20Q/20QE	200	230	230	230	230
Length 2	02Q/02QE	160	160	160	160	160
	05Q/05QE	180	200	200	200	200
	10Q/10QE	220	260	280	300	320
	20Q/20QE	240	280	300	330	350
Length 3	02Q/02QE	200	220	220	220	220
	05Q/05QE	220	250	280	280	280
	10Q/10QE	240	280	300	350	400
	20Q/20QE	250	300	320	380	430
Length 4	02Q/02QE	220	250	270	270	270
	05Q/05QE	230	260	300	330	330
	10Q/10QE	250	280	330	360	430
	20Q/20QE	260	300	350	380	450

Replacement elements with nitrile seals				
Media	Length 1	Length 2	Length 3	Length 4
02Q	938771Q	938775Q	938779Q	938783Q
05Q	938772Q	938776Q	938780Q	938784Q
10Q	938773Q	938777Q	938781Q	938785Q
20Q	938774Q	938778Q	938782Q	938786Q
02QE	938787Q	938791Q	938795Q	938799Q
05QE	938788Q	938792Q	938796Q	938800Q
10QE	938789Q	938793Q	938797Q	938801Q
20QE	938790Q	938794Q	938798Q	938802Q
02QH	938803Q	938807Q	938811Q	938815Q
05QH	938804Q	938808Q	938812Q	938816Q
10QH	938805Q	938809Q	938813Q	938817Q
20QH	938806Q	938810Q	938814Q	938818Q

Highlights Key (Denotes part number availability)

123	Item is standard
123	Item is standard green option
123	Item is semi standard
123	Item is non standard

Degree of filtration						Code		
Average filtration beta ratio β (ISO 16889) / particle size μm [c]								
$\beta_x(c)=2$	$\beta_x(c)=10$	$\beta_x(c)=75$	$\beta_x(c)=100$	$\beta_x(c)=200$	$\beta_x(c)=1000$			
% efficiency, based on the above beta ratio (β_x)						Disposable	Metal free	High collapse
50.0%	90.0%	98.7%	99.0%	99.5%	99.9%	Microglass III	Ecoglass III	element
N/A	N/A	N/A	N/A	N/A	4.5	02Q	02QE	02QH
N/A	N/A	4.5	5	6	7	05Q	05QE	05QH
N/A	6	8.5	9	10	12	10Q	10QE	10QH
6	11	17	18	20	22	20Q	20QE	20QH

Note 1: Part numbers featured with bold highlighted codes will ensure a 'standard' product selection.
Note 2: Alternate displayed part number selection will require you to contact Parker Filtration for availability.



Parker Hannifin
Hydraulic Filter Division Europe
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