

15/40/80CN Series

Medium Pressure Filters

Ordering Information (cont.)

Product Configurator

Box 1	Box 2	Box 3	Box 4	Box 5	Box 6	Box 7	Box 8
40CN	2	10QE	V	M3	K	G24	4

Box 1

Code	
Model	Code
Small size MP filter, T-port	15CN
Medium size MP filter, T-port	40CN
Large size MP filter, T-port	80CN

Box 2

Filter type	
Length	Code
Length 1	1
Length 2	2

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

Box 3

Degree of filtration					
Element media	Glass fibre				Water Removal
	Media code				
Ecoglass III element	02QE	05QE	10QE	20QE	WR

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

Filter assemblies with Microglass III elements are available by request.

WR: Water removal media.

Box 5

Indicator	
	Code
No indicator port	N
Visual indicator	M3
Electrical indicator	T1
Plugged	P
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 valve		
Bypass valve	Indicator	Code
1.7 bar	1.2 bar	G
3.5 bar	2.5 bar	K

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

Box 4

Seal type	
Seal material	Code
Fluoroelastomer	V
Nitrile	B

Box 7

Filter connection	
Ports	Code
15CN: Thread G $\frac{3}{4}$	G12
Thread G1	G16
Thread SAE 12	S12
Thread SAE 16	S16
Thread M27, ISO6149	M27
40CN: Thread G1 $\frac{1}{4}$	G20
Thread G1 $\frac{1}{2}$	G24
Thread SAE 16	S16
Thread SAE 24	S24
Thread M33, ISO6149	M33
80CN: Thread G1 $\frac{1}{2}$	G24
Thread G2	G32
Thread SAE 24	S24
Thread SAE 32	S32
Thread M42, ISO6149	M42
Thread M48, ISO6149	M48
SAE flange 2" 3000-M	R32

Box 8

Options	
Options	Code
Standard drain port on bowl	4
ATEX certified*	
(Category 2, non-electrical equipment)	EX

Note 1*: For ATEX classified filters add EX after the code.

ATEX certified filters with electrical indicator are available on request.

Visual indicators are classified as Category 2, non electrical equipment.

Filter assemblies with EX code will be supplied with a dedicated name plate.

Pls consult Parker Filtration for any questions related to the classification of our products.

Ecoglass III elements (Fluoroelastomer seals)				
Model	02QE	05QE	10QE	20QE
15CN-1	936698Q	936699Q	936700Q	936701Q
15CN-2	936702Q	936703Q	936704Q	936705Q
40CN-1	936706Q	936707Q	936708Q	936709Q
40CN-2	936710Q	936711Q	936601Q	936712Q
80CN-1	936713Q	936714Q	936602Q	936715Q
80CN-2	936716Q	936717Q	936718Q	936719Q

Replacement element part numbers for conventional assemblies

Conversion bowl assembly (to retrofit existing CN filter housings to use coreless elements)	
936758	15CN-1 coreless element bowl assembly
936759	15CN-2 coreless element bowl assembly
936760	40CN-1 coreless element bowl assembly
936761	40CN-2 coreless element bowl assembly
936763	80CN-1 coreless element bowl assembly
936764	80CN-2 coreless element bowl assembly

Elements with nitrile seals				
Model	02Q	05Q	10Q	20Q
15CN-1	928935Q	G04041Q	928934Q	930367Q
15CN-2	928953Q	G04169Q	928952Q	930368Q
40CN-1	926696Q	G04048Q	926835Q	930099Q
40CN-2	926697Q	G04167Q	926837Q	930118Q
80CN-1	932656Q	932657Q	932658Q	929899Q
80CN-2	932662Q	932663Q	932664Q	929923Q

Elements with Fluoroelastomer seals					
Model	02Q	05Q	10Q	20Q	WR
15CN-1	932610Q	G04189Q	932612Q	930369Q	-
15CN-2	932616Q	G04190Q	932618Q	930370Q	-
40CN-1	926716Q	G04191Q	926836Q	930100Q	931412
40CN-2	926717Q	G04192Q	926838Q	930119Q	931414
80CN-1	932659Q	932660Q	832661Q	929903Q	931416
80CN-2	932665Q	932666Q	932667Q	929927Q	931418

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)						Metal free
50.0%	90.0%	98.7%	99.0%	99.5%	99.9%	Ecoglass III
N/A	N/A	N/A	N/A	N/A	4.5	02QE
N/A	N/A	4.5	5	6	7	05QE
N/A	6	8.5	9	10	12	10QE
6	11	17	18	20	22	20QE

Please note the bolded options reflect standard options with a reduced lead-time of (4) weeks or less. Consult Parker Filtration on all other lead-time options.

Nominal flow (l/min) for filter assembly at viscosity 30cSt

Housing, port size	02QE	05QE	10QE	20QE
15CN-1, G1	10	30	50	80
15CN-2, G1	30	70	80	100
40CN-1, G1 $\frac{1}{2}$	60	120	180	260
40CN-2, G1 $\frac{1}{2}$	80	200	280	320
80CN-1, G2	150	300	370	420
80CN-2, G2	180	420	530	600

* Fluoroelastomers are available under various registered trademarks, including Viton (a registered trademark of DuPont) and Fluorel (a registered trademark of 3M)

