

## QUALI-HIGH-FLOW cartridge filter housing



### Description

QFLC models in the QUALI-FILTRES range are large single or multi-layer highflow filter housings for the industrial sector.

Its molded design incorporates a toggle bolt closure and PN16 flanged connections. The filter has two 1/4" BSP connections for valve and pressure gauge mounting and a 1" connection for drain valve mounting.

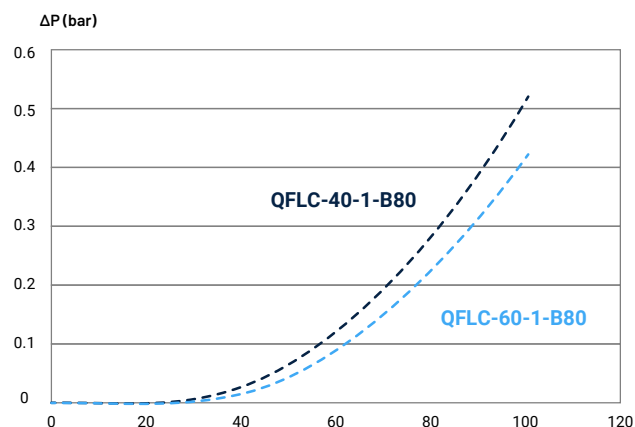
The filter housing accepts QUALI-HIGH-FLOW 40" and 60" cartridges that reduce filtration and service costs.

The very large filter surface of QUALI-HIGH-FLOW cartridges provides minimal pressure drop and excellent retention capabilities.

### Characteristics & benefits

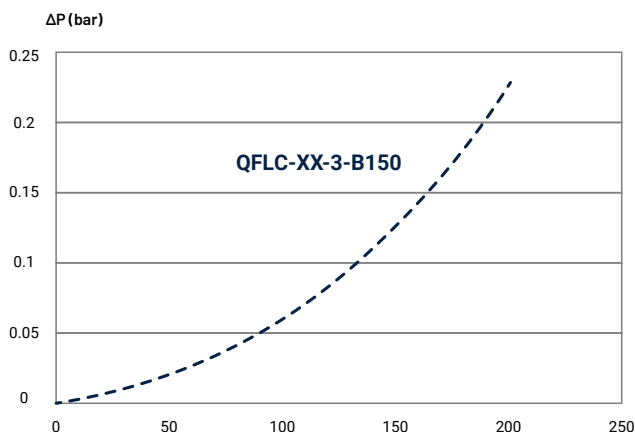
- Quick closure with eye-bolts for better pressure resistance.
- Available in 2 materials: stainless steel 304 or 316L
- Available in 2 heights: 40" and 60".
- QUALI-HIGH-FLOW pleated filter cartridge has a very large filtering surface. See QUALI-HIGH-FLOW data sheet
- Simplified maintenance thanks to the Highflow technology. Reduction of filtration and maintenance costs.
- Filtration rate up to 80 m<sup>3</sup>/h for the single-layer
- Filtration rate up to 1000 m<sup>3</sup>/h for multi-cartridges version
- Cover seal for the monocartridge version
  - EPDM : Ref : QFAP-BB-10-20-JT-EPDM
  - EPDM ACS : Ref : QFAP-BB-10-20-JT-EPDM-ACS
  - FPM : Ref : QFAP-BB-10-20-JT-FPM
  - NBR : Ref : QFAP-BB-10-20-JT-NBR
  - TEFLON : Ref : QFAP-BB-10-20-JT-TEFLON
- Options available upon request
  - 316L stainless steel pressure gauge, drain valve and vent valve (REF : SI25925)

### Typical flow rates : 1 cartridge filter



Pressure loss at 20°C for a viscosity of 1 cP  
Other flow rates on request

### Typical flow rates : 3 cartridge filter



Pressure loss at 20°C for a viscosity of 1 cP  
Other flow rates on request

### Service conditions

Monocartridge filter		Conditions of use according to 2014/68/EU		
Fluid group	Condition	Temperature	Maximum operating pressure	
Non-hazardous fluid	Liquid	75°C	10 bars	
Multicartridge filter		Conditions of use according to 2014/68/EU		
Fluid group	Condition	Temperature	Maximum operating pressure	
Non-hazardous fluid	Liquid	75°C	7 bars	

## ORDER REFERENCE

Example :



### A / Cartridge size

Code	Size
40	40"
60	60"

### D / Materials

Code	Material
304	304 stainless steel
316	316 stainless steel

### B / Amount of cartridges

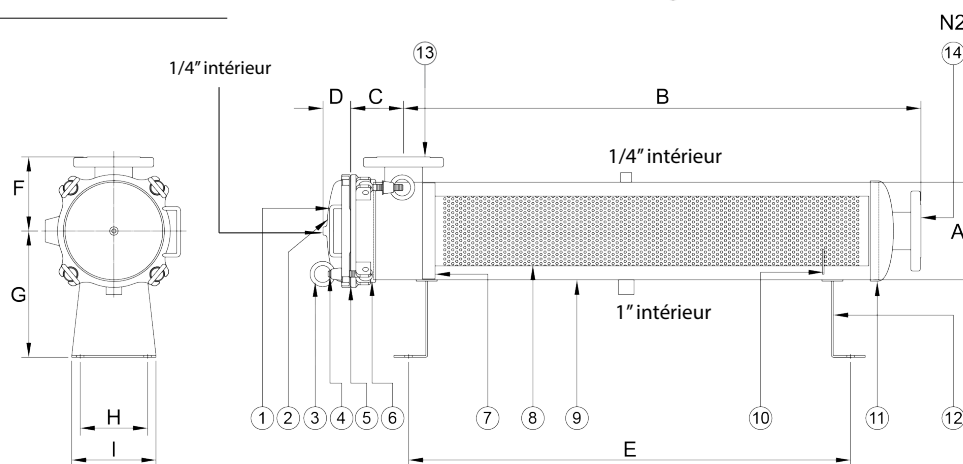
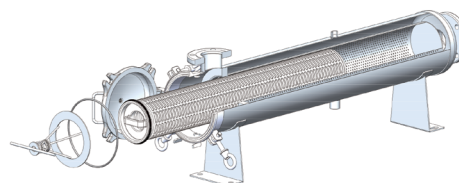
Code	Amount
1	1
3	3
4	4
x	on specifications

### E / Seals

Code	Type
E	EPDM
EA	EPDM ACS
V	FPM
N	NBR
T	FPM TEFLON COATED

### C / Inlet/Outlet

Code	Type
B80	DN80 Flange
B100	DN100 Flange
x	on specifications



## DIMENSIONS (mm)

Model	Cartridge length	A	B	C	D	E	F	G	H	I	Flow rate	Weight
QFLC-40-1-B80	40"	Ø232	1230	125	65	1050	176	300	160	200	50 m <sup>3</sup> /h	50 kg
QFLC-60-1-B80	60"	Ø216	1740	125	65	1560	168	300	160	200	75 m <sup>3</sup> /h	50 kg