

HIGH PRESSURE AIR LINE FILTER

CHLFXXX

INDUSTRIAL HIGH EFFICIENCY FILTERS



Filter Housing Features

- Robust, spheroidal S.S. 304 (Grade 1.4301) offers higher mechanical strength, improved ductility, and increased shock resistance, assuring the user that this filter is built for the task at hand.
- Head to bowl bore seal ensures greater seal integrity.
- Threaded mounting holes on top of filter head allow each size to be easily panel mounted when line mounting is not an option.
- Engraved flow direction arrow in filter's head notifies the user of proper flow direction. One direction flow for all media choices reduces the possibility of a housing being installed improperly.
- Lazer masking part number ensures that each unit's identifying information will be visible in the years ahead.
- Manual drain valve (S.S. 304) with positive o-ring seal installed.
- Bowls are designed to be easily tightened or loosened with a standard socket wrench.

Filter Element Features

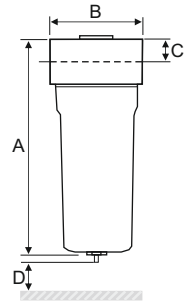
- Concept Finite offers six filter media grades ensuring that we have the correct media choice for nearly any application requirement.
- Available are coalescing grades with 95% to 99.995% efficiency and pleated or UNI-CAST coalescing media designs. Additionally, a bulk liquid separator, a particulate removal and oil vapor removal choices are standard offerings.
- Each element uses a retention clip design that ensure the element is seated and sealed properly. This built-in, fail-safe feature will virtually eliminate any possibility of contaminant by-pass and is unique amongst high pressure filters.
- Each element is composed of internal and external S.S. 304 retainess . Each element also features a bore seal interface with the housing, an anti-vibration shoulder, and an integrated standoff which minimizes the likelihood of any movement of the element, even during severe system pulsations.
- Element standoff lengths were designed for each housing size to allow an optimal volume of liquid contaminant to be collected in the filter's quiet zone, further minimizing any chance of contaminant carryover.

Specifications	
MWP	: 40 bar
Connection	: 1/2", 3/4" 1" and 1-1/2" BSP (F)
Maximum Operating Temperature	: 100°C
Housing	: S.S. 304 (Grade - 1.4301)
Element Cap	: S.S. 304 (Grade - 1.4301)

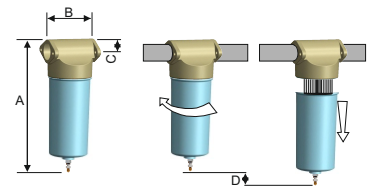
Materials	
Filter housing	Stainless Steel 1.4301 (304)
Coupling nut	Stainless Steel 1.4301 (304)
Plug	Stainless Steel 1.4301 (304)
Housing gasket	HNBR (other gasket upon request)

Surface finish	
Inner: 0006-0288 0432-1920	Etched and passivated Ra 1,6
Outer: 0006-0288 0432-1920	Etched and passivated Ra 1,6 etched and passivated (not polished)

S. No.	MODEL	CONNECTION BSP (F)	DIMENSION				ELEMENT PART NO.
			A	B	C	D	
1	CHLF-056	1/2"	195	90	18	340	ELCH056050X069
2	CHLF-088	1/2"	195	90	18	340	ELCH088050X076
3	CHLF-127	3/4"	267	90	18	340	ELCH127050X112
4	CHLF-212	1"	300	125	31	445	ELCH212075X122
5	CHLF-254	1-1/2"	300	125	31	445	ELCH254075X137
6	CHLF-300	1-1/2"	380	125	31	525	ELCH300075X200
7	CHLF-441	1-1/2"	380	125 <td 31	525	ELCH441075X228	



Filter Type	CODE	Dust Removal	Oil Removal
PF	P	5 Micron	-----
FF	F	1 Micron	-----
AF	H	0.01 Micron	-----
CF	C	-----	0.003 mg/m ³



X - Replace by P : PRE FILTER : 3 Micron H : AFTER FILTER : 0.01 Micron
F : FINE FILTER : 1 Micron C : ACTIVATED CARBON FILTER : 0.003 Micron



CONCEPT TECHNOSTRUCTURES

Horizon Tower, 504, 5th Floor, J.L.N. Marg, Jaipur - 302017, India
M. No.: +91- 8875009534, 9799917442
Tel. No.+91- 0141-4981363
Email : sales@conceptgroups.com / conceptsalesjpr@conceptgroups.com
conceptjpr@conceptgroups.com
Website : www.conceptgroups.com

Certificate Number:
114629/A/0001/UK/En
ISO 9001:2015



CONCEPT
CHPF - R-01

CATCHLFX11241