

66 SERIES



HIGH FLOW LIQUID AND GAS HOUSING



The **66 SERIES** housing range is specifically designed for use with the large bore **SUPAPLEAT HFC** cartridge to provide a filtration system that offers maximum efficiency, high flow rates and long life. This high quality electropolished 316L stainless steel housing is easy to use and is suited to many filtration processes across a range of industries. Available in a selection of sizes and with a choice of connections and closure types the optimum housing can be provided for each application.

The **66 SERIES** housing is available to be used with 20", 40" or 60" cartridges. It can be installed in either the vertical or horizontal position and can be supplied with fixed or adjustable legs. This ensures that the housing can normally be used even where space or changes to inlet and outlet pipework are limited.

Product Features

- Designed for high flow systems
- Multi cartridge units available up to 30 round
- Easy and quick cartridge change-out
- Electropolished inside and out
- Available for 20", 40" or 60" filters
- Each housing is hydrostatically pressure tested
- Available with 3" or 4" connections and in a range of types
- Can be supplied with adjustable or fixed legs where required
- Rated at 10 bar liquid, 3 bar gas
- PED and ATEX Compliant



Accessories

Pressure Gauge and Vent Valve Kit



Pressure Gauge and Auto Vent Valve Kit



Ball Valve and Nipple



66 SERIES FEATURES AND BENEFITS

- Designed for use with the **SUPAPLEAT HFC** cartridge for maximum flow rates
- Utilises large bore cartridge allowing quick and easy filter change out
- Can be used vertically or horizontally with or without legs
- Flexible design allows use of either V band or Rathmann clamp closure
- Full housing customisation service available

TECHNICAL DATA

Maximum Operating Conditions

Maximum Pressure: Liquid: 10 Bar g
Gas: 3 Bar g
Maximum Temperature: 110°C

Materials of Construction

Body: 316L St. Steel
Closure: Vee Clamp - 304 St. Steel
Screw Clamps - Zinc plated carbon steel
(Optional stainless steel)

Finish

Vessel: Electropolished

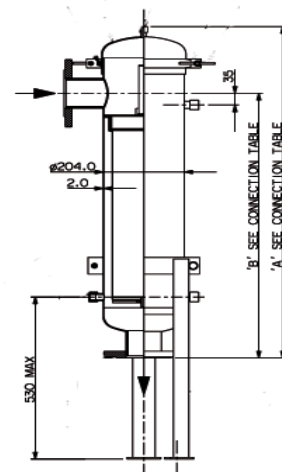
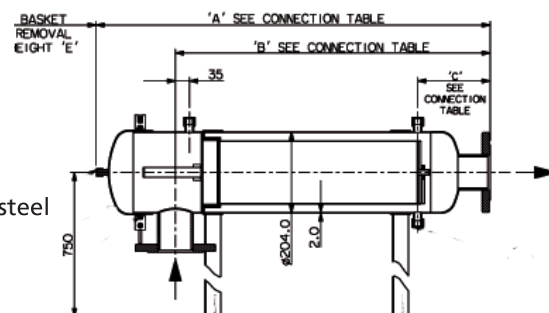
Connections

Inlet/Outlet: 3" Flanged
Vent: Horizontal: ½" BSPM
Vertical: ¼" BSP
Drains: ½" BSPM

Model	Dimensions (Nominal)					Volume (Litres)	Dry Weight (Kg)
	A	B	C	D	E		
66012CAC30C1EE	983	787	181	200	500	27.4	34.4
66014CAC30C1EE	1498	1302	181	200	1000	43.5	41.9
66014CAI30C1EE	1498	1302	181	200	1000	43.5	41.9

PED Status

Fluid Groups: Compliant with 97/23/EC
Liquids Group 1 + 2
Gas Group 2
Marking: CE
Exceptions: Group 1 liquids - Explosive
ATEX: Compliant 94/9/EC, level CE Ex II 2 GD c X



ORDERING GUIDE

NUMBER OF STACKS	END CAP STYLE	MOUNTING	CONNECTION TYPE	FINISH
01 - 1 Stack (Available up to 30 round - please contact the Sales Office)	C - HFC Cartridge	I - Adjustable Legs - Horizontal * 20" and 40" Only C - Adjustable Legs - Vertical * 40" and 60" Only	A - BSPM C - BS4504 Flange PN16 G - Table 'E' Flange H - ANSI Flange 150# K - Stub Pipe L - Tri Clamp M - DIN11851 Coupling N - RJTM Coupling P - SMSM Coupling R - IDFM Coupling S - DIN2633 Flange	E - Electropolished
66 ○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○
CARTRIDGE LENGTH	CLOSURE	CONNECTION SIZE	MATERIALS	SEAL
2 - 20" 4 - 40" 6 - 60"	A - Cast Vee Clamp E - Dome cover with Screw Clamps T - Dome cover with St. Steel screw clamps	20 - 2" 30 - 3" 40 - 4"	1 - 316 st.st (L Grade)	E - EPDM F - FEP/Silicone *Flat cover only S - Silicone V - Viton

Example: 66014CAI30C1EE= 66 Series, 1 x 40" HFC cartridge, Cast vee clamp closure, Adjustable legs - Horizontal, 3" BS4504 Flange PN16 connections. 316L St. Steel construction with EPDM gaskets, electropolished all over.

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