

61 SERIES

Multi Stack Filter Housing



The **61 Series** multi cartridge housing is available with 3, 5, 7, 10, 12, 15, 18, 19 and 22 element stacks up to 40" long. The top opening style is equipped with a Cast Vee* clamp as standard for pressures up to 10 bar g.




These housings are widely used where low capital cost is of prime importance. Being floor mounted and therefore free standing, these housings will suit most pre-filtration applications. Bolted closures are an option available for all models.

The **61 Series** will accept either standard Double Open End or Single Open End cartridges. This includes the full range of Amazon and industry standard cartridges ranging from 0.1 to 500µm with nominal lengths of 10, 20, 30 and 40".

Accessories available include pressure gauge and vent valve kits, drain valves and bolt down plates.

* Rathmann type clamp standard on 19 and 22 stack vessels

Note: 7, 12, 18 and 22 only accept 66.5mm maximum diameter cartridges.

| Accessories | Part Number |
|--|-------------|
| Pressure Gauge and Vent Valve Kit  | 60S000016 |
| Pressure Gauge and Auto Vent Valve Kit  | 60S000082 |
| Ball Valve and Nipple  | 60S000010 |

Product Features

- Free standing, easy to install design
- Universal cup allows the use of plug in (Code 3 and Code 8) or DOE cartridge styles in the same housing
- Vee clamp closures use unique 'W' style seal for reliable leak free operation (Not available on 6119/22)
- High quality cast Vee band clamps for safety and security (Not available on 6119)
- Cast compression nut with integral PTFE washer for easy, hand tight cartridge sealing
- Wide range of connection sizes and types, cartridge lengths and materials of construction
- WRAS Approved product



Features and Benefits

- Integral vent, clean and dirty drain sockets to aid efficient filter changeout
- Universal cup enables choice of plug in (Code 3 and Code 8) or DOE cartridge styles in the same housing
- Every housing is etched with a unique serial number for full traceability
- Available in 316L Stainless Steel
- Full housing customisation service available
- Internally and externally electropolished as standard
- WRAS Approved product

Product Range

Amazon Filters design and manufacture an extensive range of liquid filtration systems, providing one of the widest selections of filtration vessels, depth filters and pleated cartridges available today, ensuring excellent process and filter compatibility. As one of Europe's leading manufacturers of filtration systems, Amazon Filters is able to offer a solution to meet all filtration requirements. Amazon's filters are manufactured in clean room conditions and all products come with detailed Product Validation Guides and Technical Support documentation.



61 Series Technical Data

Maximum Operating Condition

| | 6103 | 6105/7 | 6110/12 | 6115/18 | 6119/22 |
|--------------------|----------------|----------------|---------------|----------------|--------------|
| Liquid: Vee clamp: | 10 bar g | 10 bar g | 10 bar g | 7 bar g | - |
| Bolted closure: | FV / 10 bar g | FV / 10 bar g | FV / 10 bar g | FV / 10 bar g | FV / 6 bar g |
| Gas: Vee clamp: | 7.5 bar g | 4.5 bar g | 2 bar g | 1.5 bar g | - |
| Bolted closure: | FV / 7.5 bar g | FV / 4.5 bar g | FV / 2 bar g | FV / 1.5 bar g | FV / 1 bar g |

Materials of Construction

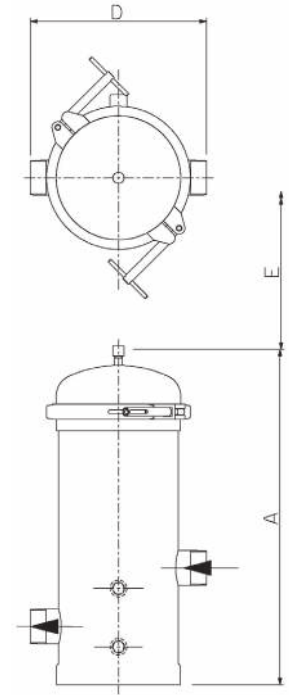
| | |
|----------------|--|
| Body: | 316L St.Steel |
| Closure: | Vee Clamp - 304 St.Steel Screw Clamp - Zinc plated carbon steel (Optional Stainless Steel) |
| Vessel Finish: | Electropolished |

| Connections | 6103 | 6105/7 | 6110/12 |
|-----------------|---------|---------|---------|
| Inlet / Outlet: | 2" BSPM | 3" BSPM | 4" BSPM |
| Vent: | ¼" BSPM | ¼" BSPM | ½" BSP |
| Drain: | ½" BSPM | ½" BSPM | 1" BSPM |

| | |
|--------------------|--------------------------------|
| PED Status: | Compliant with 2014/68/EU |
| Fluid Groups: | Liquids Group 2 Gas Group 2 |
| Marking: | CE |

ATEX: Compliant with 2014/34/EU, level CE Ex II 2 GD c X

Technical drawings for each individual housing showing dimensions, volume, weights, maximum temperatures and design pressures available on request.



Ordering Guide

| 6103 | 2 | 0 | A | N | 20 | A | 1 | E | E |
|--|--|---|--|---------------------------------|--|---|-------------------------|---------------------|---|
| No of Stacks | Cartridge Length | Cartridge End Cap Style | Closure Style | Mounting | Connection | Connection Type | Materials | Finish | Seal |
| 6103 - 3 6105 - 5 6107 - 7 6110 - 10 6112 - 12 6115 - 15 6118 - 18 6119 - 19 6122 - 22 | 1 - 10" (6103 & 6105 only) 2 - 20" 3 - 30" 4 - 40" | 0 - Code 0 A - Code A U - Universal 8 - Code 8 | A - Cast Vee Clamp (Not available on 6119/22) E - Lid with Screw Clamps (6110 & 6115 only) H - Hinged Cover with Carbon Steel Screw Clamps (6103, 6105, 6119 & 6122 only) J - Flat Lid with Screw Clamps & Davit (6119/22 only) W - Hinged Cover with St.St screw Clamps (6103 & 6105 only) | N - None A - Bolt Down Plate | 3-7 Stack 20 - 2" 30 - 3" (6105 Only) 10 - 22 Stack 30 - 3" 40 - 4" | A - BSPM C - EN1092-1 Flange PN16 G - Table 'E' Flange H - ASME Flange 150# K - Stub Pipe L - BS4825-3 Tri Clamp M - DIN11851 Coupling N - RJTM P - SMS M (Swedish) R - IDFM S - DIN2633 Flange U - NPTM (2" only) | 1 - 316 st.st (L Grade) | E - Electropolished | E - EPDM F - FEP / Silicone (Bolted cover only) S - Silicone (not available on 6115) V - Viton |

Example: 610320AN20A1EE = 61 Series, 3 x 20" DOE cartridge, Cast vee clamp closure, No mounting, 2" BSPM connections. 316L St.Steel construction with EPDM gaskets, electropolished all over.
Note: Not all options are available on every housing, please refer to Sales Office.

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