

## PRODUCT INFORMATION

**PROSEP**  
FILTER SYSTEMS LTD

### Bag Filter Housings

Our range of stainless steel bag filter vessels are the result of many years experience in observing the market requirements for filter vessels. The result is a range of products that cater for most common industrial type filtration applications.

Our products are manufactured in the UK to the highest standards. All products are hydrotested prior to despatch and will be marked with the appropriate pressure codings.

Standard filter housings feature quick change vee band clamp closures or flat bolted lids with quick release eye nuts and swing bolts. These methods simplify the method of access to the filter bags making bag changeouts very quick and simple.

Bag filtration systems are usually specified where the degree of filtration efficiency is not critical and where quick change-out of the filter media is important.

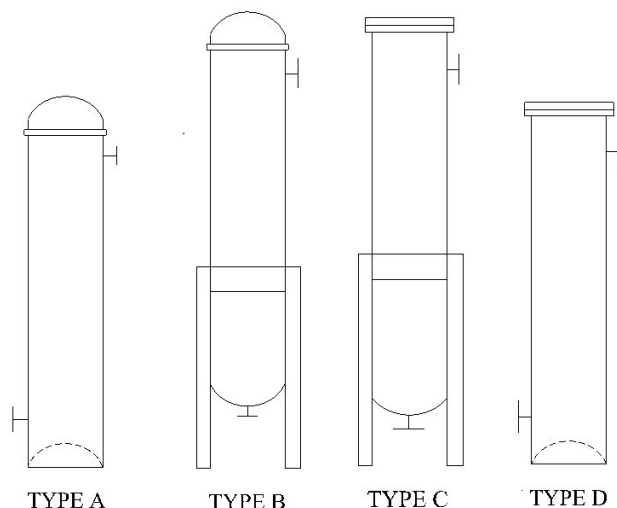
We can also mesh line the support cage to make this type of vessel into a large surface area strainer.



### DESIGN FEATURES

|              |   |
|--------------|---|
| Materials    | 316L or 304 stainless steel for wetted Parts                              |
| Connections  | 1" to 3" BSP male<br>DIN and ANSI Flanges to 6"<br>Triclamp and RJT to 3" |
| Finish       | External bead blast as standard   |
| Pressure:    | Up to 10 bar as standard  |
| Closure:     | Vee band clamp or quick release bolt                                      |
| Bag Formats: | Sizes 1, 2, 3 & 4<br>Moulded plastic neck ring<br>Steel ring style        |

### HOUSING STYLES

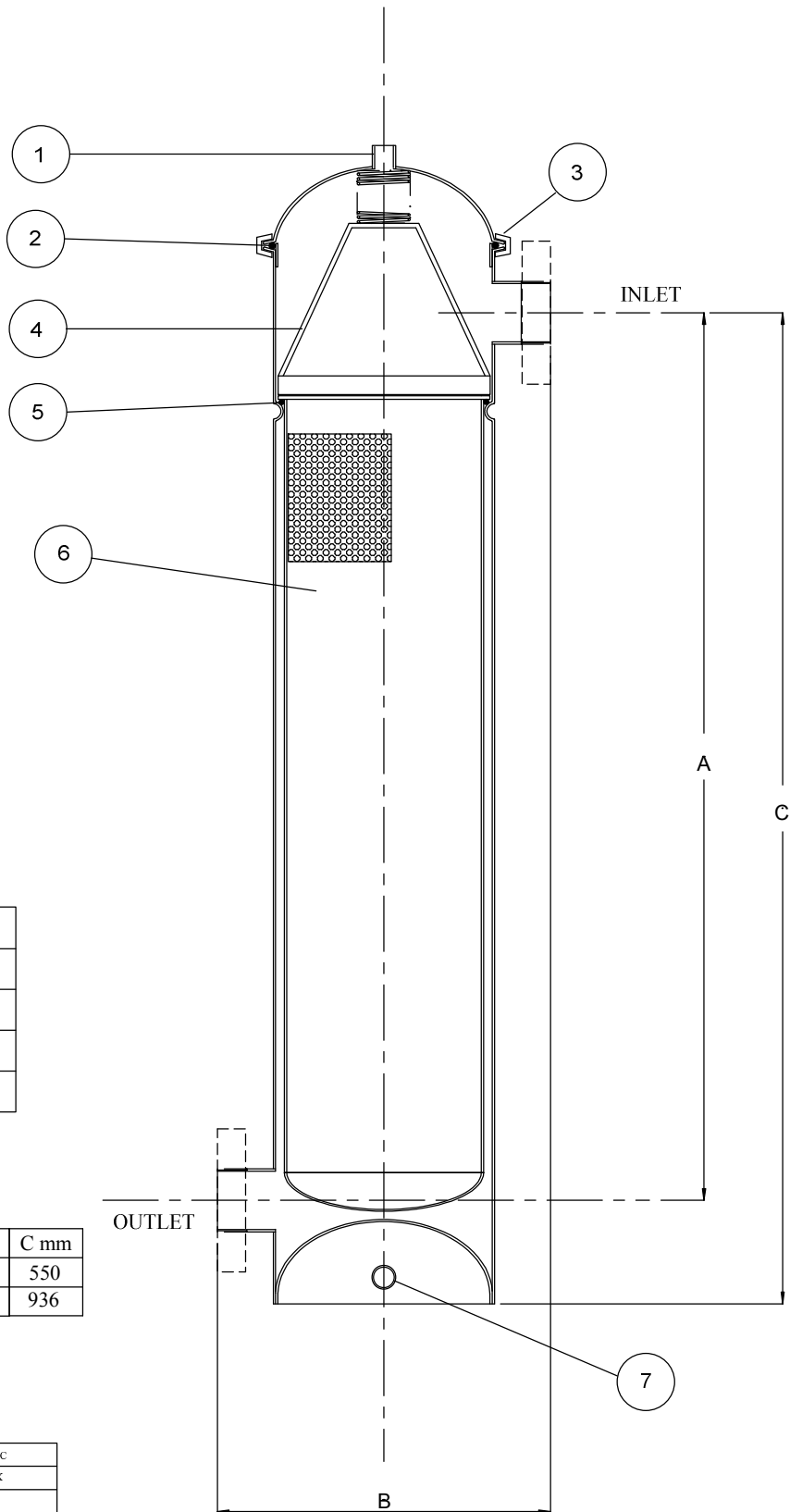


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www.prosep.co.uk



*for all your filter requirements*



| PARTS IDENTIFICATION |                              |  |
|----------------------|------------------------------|--|
| 1                    | VENT CONNECTION              | 1/2" BSP(F) PLUGGED                                    |
| 2                    | LID O RING                   | MDACB1868E   |
| 3                    | VEE BAND CLAMP               | MDACBA1100   |
| 4                    | BAG COMPRESSION PLATE        | MDACB0101  |
| 5                    | BASKET O RING (INNER GASKET) | MDACB17153E  |
| 6                    | BASKET 3MM PERF              | SINGLE LENGTH MDACB0500SL<br>DOUBLE LENGTH MDACB0500DL |
| 7                    | DRAIN PORT                   | 1/2" BSP(F) PLUGGED                                    |

| CONNECTIONS |                          |
|-------------|--------------------------|
| INLET       | 2" BSP M                 |
| OUTLET      | 2" BSP M                 |
| VENT        | 1/2" BSP - PLUGGED       |
| DRAIN       | 1/2" BSP SOCKET- PLUGGED |

| PART NUMBER 2"BSPM       | A mm | B mm | C mm |
|--------------------------|------|------|------|
| BA1320AE6P Single length | 450  | 352  | 550  |
| BA1420AE6P Double length | 836  | 352  | 936  |

| DESIGN PRESSURE Bar g |     | DESIGN TEMPERATURE Deg C |     |
|-----------------------|-----|--------------------------|-----|
| LIQUID                | GAS | MIN                      | MAX |
| 10                    | N/A | 0                        | 110 |

This vessel design is suitable at the operating parameters stated, for all liquids and gases classified as Group 2 and all liquids in Group 1 except for those classified as oxidising or explosive

|  |                 |                                |   |
|--|-----------------|--------------------------------|---|
| DRWG NO. BA120E6P                              | DATE 15/10/2013 | TITLE TYPE A BAG FILTER VESSEL | Prosep Filter Systems Ltd<br>G19 River Bank Way<br>Lowfields Business Park<br>Elland<br>HX5 9DN<br>Tel: 01422 377367<br>Fax: 01422 377369 |
| REVISION                                       | DATE            | SIGN                           |   |
|  |                 |                                |   |
|  |                 |                                |   |
|  |                 |                                |   |
| MATERIAL 316L STAINLESS STEEL FOR WETTED PARTS |                 |                                |   |