

## ABC-PFS

### FLATFILTER HOUSING



#### USE

ABC-PFS is a flatfilter housing designed for flatfilter / panelfilter and pleatfilter.

#### DESIGN

Standard is 250 mm length for flat, pleat and panelfilter with 25, 50 or 100 mm standard depth on the filterrail.

ABC-PFS is delivered in uninsulated single-wall design.

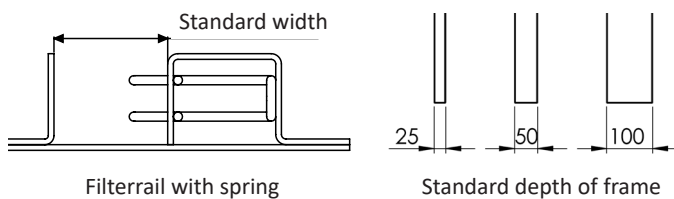
The service door is on the right as standard with piano hinges and locked with ABC-JH locks. Pressure measuring nipples are included. In the standard version, ABC-PFS is manufactured with 20 mm PG connection for duct mounting, alternative design with 40 mm flange at extra cost.

ABC-PFS is equipped as standard with a filter-rail with a spring that provides an effective seal between the filter frame and the filter housing that minimizes the leakage flow across the filter. Usually manufactured in zinc magnesium ZM120 but is also available in other materials:

- Zinc magnesium ZM310
- Zinc magnesium ZM120
- Aluzinc
- Stainless steel
- Acid-resistant stainless steel

#### EXAMPLE DESCRIPTIVE TEXT

Filter housing ABC-PFS manufactured by Swegon. Size 300x300, manufactured in zinc magnesium ZM120. Filterrail 25mm. PG joint duct connection.



#### ACCESSORIES



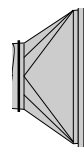
ABC-FR flatfilter frame is intended for ABC-PFS. Manufactured in 3 different depths for filtermat, 25, 50 and 100 mm.



ABC-Manometer - Pressure gauge manometer to indicate filter change. Measures pressure drop over filters.

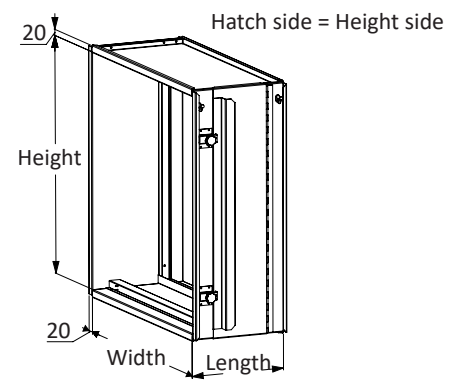
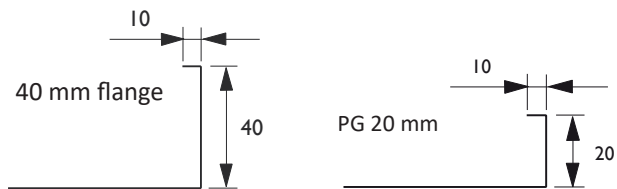


ABC-ÖGF, flat transfer to spiro tube-nipple dimension.



ABC-ÖGKC, tapered transfer to spiro tube-nipple dimension.

Duct connection



## MEASUREMENTS/SIZE

| Size ABC-PFS  | Weight<br>kg | Width | Height | Length | Quantity<br>ABC-FR<br>frames | Exact dimensions<br>FR-Frame<br>Width x Height |
|---------------|--------------|-------|--------|--------|------------------------------|------------------------------------------------|
| 200x200/250   | 4            | 200   | 200    | 250    | 1                            | 192x192                                        |
| 300x300/250   | 7            | 300   | 300    | 250    | 1                            | 292x292                                        |
| 300x600/250   | 10           | 300   | 600    | 250    | 1                            | 292x592                                        |
| 400x400/250   | 8            | 400   | 400    | 250    | 1                            | 392x392                                        |
| 500x500/250   | 10           | 500   | 500    | 250    | 1                            | 492x492                                        |
| 600x300/250   | 10           | 600   | 300    | 250    | 1                            | 592x292                                        |
| 600x600/250   | 12           | 600   | 600    | 250    | 1                            | 592x592                                        |
| 600x900/250   | 14           | 600   | 900    | 250    | 1                            | 592x892                                        |
| 600x1200/250  | 19           | 600   | 1200   | 250    | 1                            | 592x1192                                       |
| 600x1500/250  | 21           | 600   | 1500   | 250    | 2                            | 592x742                                        |
| 600x1800/250  | 25           | 600   | 1800   | 250    | 2                            | 592x892                                        |
| 700x700/250   | 14           | 700   | 700    | 250    | 1                            | 692x692                                        |
| 800x800/250   | 15           | 800   | 800    | 250    | 1                            | 792x792                                        |
| 900x600/250   | 15           | 900   | 600    | 250    | 1                            | 892x592                                        |
| 900x900/250   | 17           | 900   | 900    | 250    | 1                            | 892x892                                        |
| 900x1200/250  | 22           | 900   | 1200   | 250    | 2                            | 892x592                                        |
| 900x1500/250  | 25           | 900   | 1500   | 250    | 2                            | 892x742                                        |
| 900x1800/250  | 30           | 900   | 1800   | 250    | 2                            | 892x892                                        |
| 1000x1000/250 | 22           | 1000  | 1000   | 250    | 2                            | 992x492                                        |
| 1200x600/250  | 17           | 1200  | 600    | 250    | 2                            | 592x592                                        |
| 1200x900/250  | 20           | 1200  | 900    | 250    | 2                            | 1192x442                                       |
| 1200x1200/250 | 25           | 1200  | 1200   | 250    | 2                            | 1192x592                                       |
| 1200x1500/250 | 28           | 1200  | 1500   | 250    | 2                            | 1192x742                                       |
| 1200x1800/250 | 34           | 1200  | 1800   | 250    | 3                            | 1192x592                                       |
| 1500x600/250  | 20           | 1500  | 600    | 250    | 1                            | 1492x592                                       |
| 1500x900/250  | 22           | 1500  | 900    | 250    | 4                            | 742x442                                        |
| 1500x1200/250 | 29           | 1500  | 1200   | 250    | 4                            | 742x592                                        |
| 1500x1500/250 | 31           | 1500  | 1500   | 250    | 4                            | 742x742                                        |
| 1500x1800/250 | 38           | 1500  | 1800   | 250    | 4                            | 742x892                                        |
| 1800x600/250  | 23           | 1800  | 600    | 250    | 2                            | 892x592                                        |
| 1800x900/250  | 25           | 1800  | 900    | 250    | 4                            | 892x442                                        |
| 1800x1200/250 | 32           | 1800  | 1200   | 250    | 4                            | 892x592                                        |
| 1800x1500/250 | 35           | 1800  | 1500   | 250    | 4                            | 892x742                                        |
| 1800x1800/250 | 42           | 1800  | 1800   | 250    | 4                            | 892x892                                        |