

Exposed Inlet Filters

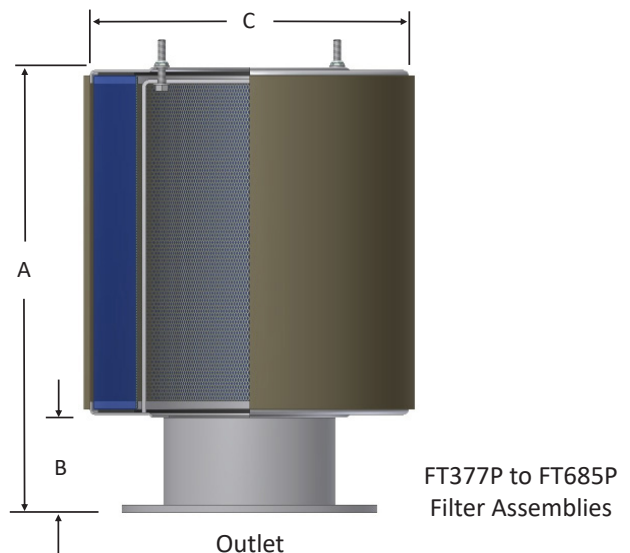
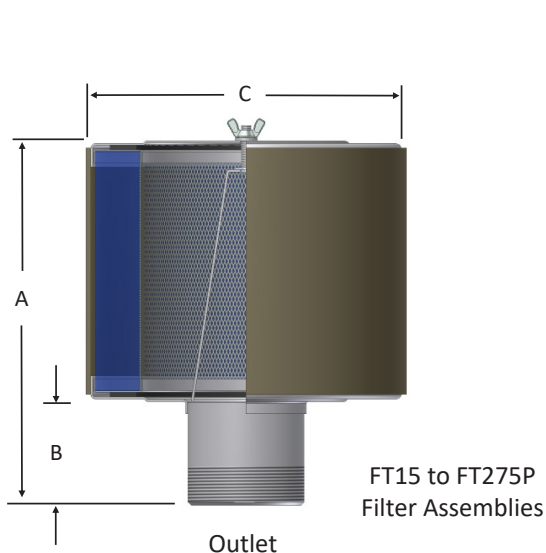
FT Series 1/2" - 6", DN80 - DN300

Features

- Exposed element for optimal air flow & low restriction
- Heavy gauge base with low pressure drop outlet pipe and center bracket design
- Corrosive resistant gray powder coat carbon steel

Technical Specifications

- Temp (continuous): min -26°C (-15°F) max 104°C (220°F)
- Filter change out differential: 37-50 mbar over initial ΔP
- Pressure drop graphs available upon request
- Polyester: 99%+ removal efficiency standard to 5 micron
- Paper: 99%+ removal efficiency standard to 2 micron



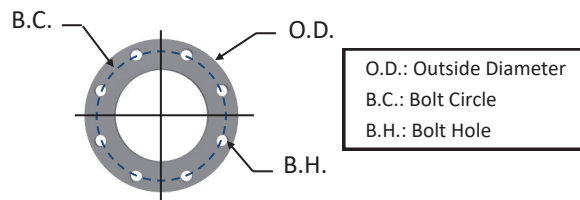
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| Outlet | | Assembly m ³ /hr Rating | Assembly Part Number | | Dimensions - mm | | | Suggested Service ht. mm | Approx. Weight (kg) | Replacement Element Part No. | | Element m ³ /hr Rating |
|--------|------|--|----------------------|-------------|-----------------|-----|-----|--------------------------------|---------------------------|---------------------------------|-------|---|
| Size | Type | | Polyester | Paper | A | B | C | | | Polyester | Paper | |
| 1/2" | MPT | 17 | FT-15-050 | FT-14-050 | 85 | 23 | 117 | 59 | 0.54 | 15™ | 14™ | 60 |
| 3/4" | MPT | 43 | FT-15-075 | FT-14-075 | 93 | 32 | 117 | 59 | 0.59 | 15™ | 14™ | 60 |
| 1" | MPT | 60 | FT-15-100 | FT-14-100 | 93 | 32 | 117 | 59 | 0.63 | 15™ | 14™ | 60 |
| 1" | MPT | 94 | FT-19P-100 | FT-18P-100 | 157 | 32 | 124 | 121 | 0.81 | 19P® | 18P™ | 170 |
| 1 1/4" | BSPT | 119 | FT-19P-126 | FT-18P-126 | 169 | 44 | 124 | 121 | 0.81 | 19P® | 18P™ | 170 |
| 1 1/2" | BSPT | 145 | FT-19P-151 | FT-18P-151 | 169 | 44 | 117 | 121 | 0.90 | 19P® | 18P™ | 170 |
| 2" | BSPT | 230 | FT-31P-201 | FT-30P-201 | 184 | 57 | 152 | 121 | 1.35 | 31P™ | 30P™ | 332 |
| 2" | BSPT | 230 | FT-231P-201 | FT-230P-201 | 301 | 57 | 152 | 241 | 3 | 231P™ | 230P™ | 510 |
| 2 1/2" | BSPT | 332 | FT-31P-251 | FT-30P-251 | 191 | 64 | 152 | 121 | 2 | 31P™ | 30P™ | 332 |
| 2 1/2" | BSPT | 332 | FT-231P-251 | FT-230P-251 | 308 | 64 | 152 | 241 | 3 | 231P™ | 230P™ | 510 |
| 3" | BSPT | 510 | FT-231P-301 | FT-230P-301 | 320 | 76 | 152 | 241 | 4 | 231P™ | 230P™ | 510 |
| 3" | BSPT | 510 | FT-235P-301 | FT-234P-301 | 325 | 76 | 206 | 241 | 6 | 235P™ | 234P™ | 970 |
| 3" | BSPT | 510 | FT-275P-301 | FT-274P-301 | 330 | 76 | 305 | 244 | 10 | 275P™ | 274P™ | 1870 |
| 4" | BSPT | 885 | FT-235P-401 | FT-234P-401 | 348 | 102 | 206 | 241 | 8 | 235P™ | 234P™ | 970 |
| 4" | BSPT | 885 | FT-275P-401 | FT-274P-401 | 356 | 102 | 305 | 244 | 11 | 275P™ | 274P™ | 1870 |
| 5" | BSPT | 1360 | FT-275P-501 | FT-274P-501 | 356 | 102 | 305 | 244 | 11 | 275P™ | 274P™ | 1870 |
| 6" | BSPT | 1870 | FT-275P-601 | FT-274P-601 | 381 | 127 | 305 | 244 | 12 | 275P™ | 274P™ | 1870 |

Note: MPT threaded housings are interchangeable with BSPT up to 1".

| Flange Outlet | Assembly m ³ /hr Rating | Assembly Part Number | | Dimensions - mm | | | Suggested Service ht. mm | Approx. Weight (kg) | Replacement Element Part No. | | Element m ³ /hr Rating |
|------------------|--|----------------------|------------------|-----------------|-----|-----|--------------------------------|---------------------------|---------------------------------|----------|---|
| | | Polyester | Paper | A | B | C | | | Polyester | Paper | |
| DN80 | 510 | FT-235P-DN80 | FT-234P-DN80 | 330 | 76 | 206 | 241 | 6 | 235P™ | 234P™ | 970 |
| DN80 | 510 | FT-275P-DN80 | FT-274P-DN80 | 330 | 76 | 305 | 244 | 10 | 275P™ | 274P™ | 1870 |
| DN100 | 885 | FT-235P-DN100 | FT-234P-DN100 | 349 | 102 | 220 | 241 | 7 | 235P™ | 234P™ | 970 |
| DN100 | 885 | FT-275P-DN100 | FT-274P-DN100 | 356 | 102 | 305 | 244 | 11 | 275P™ | 274P™ | 1870 |
| DN125 | 1360 | FT-275P-DN125 | FT-274P-DN125 | 356 | 102 | 305 | 244 | 13 | 275P™ | 274P™ | 1870 |
| DN150 | 1870 | FT-275P-DN150 | FT-274P-DN150 | 381 | 137 | 305 | 244 | 14 | 275P™ | 274P™ | 1870 |
| DN200 | 3060 | FT-377P-DN200 | FT-376P-DN200 | 584 | 152 | 381 | 368 | 29 | 377P™ | 376P™ | 3105 |
| DN200 | 3060 | FT-385P-DN200 | FT-384P-DN200 | 563 | 162 | 518 | 368 | 32 | 385P™ | 384P™ | 5605 |
| DN250 | 5610 | FT-385P-DN250 | FT-384P-DN250 | 563 | 162 | 518 | 368 | 36 | 385P™ | 384P™ | 5610 |
| DN250 | 5610 | FT-685P-DN250 | FT-384P(2)-DN250 | 944 | 162 | 518 | 724 | 43 | 685P™ | 384P™(2) | 11220 |
| DN300 | 7990 | FT-485P-DN300 | FT-484P-DN300 | 767 | 162 | 518 | 546 | 41 | 485P™ | 484P™ | 8000 |
| DN300 | 7990 | FT-685P-DN300 | FT-384P(2)-DN300 | 944 | 162 | 518 | 724 | 45 | 685P™ | 384P™(2) | 11220 |

| PN10 Pattern Flange | Dimensions - mm | | | No. of Holes | Flange Thickness mm |
|---------------------------|-----------------|------|------|-----------------|---------------------------|
| | O.D. | B.C. | B.H. | | |
| DN80 | 200 | 160 | 18 | 8 | 20 |
| DN100 | 220 | 180 | 18 | 8 | 22 |
| DN125 | 250 | 210 | 18 | 8 | 22 |
| DN150 | 285 | 240 | 22 | 8 | 24 |
| DN200 | 340 | 295 | 22 | 8 | 24 |
| DN250 | 395 | 350 | 22 | 12 | 26 |
| DN300 | 445 | 400 | 22 | 12 | 26 |



See Filter Assembly Technical Data for sizing guidelines.

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