

MEDIUM FILTER RESAC M5 SYNTHETIC



DESCRIPTION

A medium filter with high efficiency, made of our highest-quality synthetic fibre. Used as a pre-filter or main filter in ventilation systems for eliminating larger particles and pollutants. Optimized design with conical filter bags provides an even distribution of air across the filter medium, which leads to a favourable distribution of dust across the entire filter surface. This results in reduced energy costs and longer filter lifespan.

Efficiency remains constant even with fluctuating air flows.

P MARKED

The P Mark is a quality label in accordance with SP, the Technical Research Institute of Sweden, which means that the filter meets the requirements in the SP certifying standards (SPCR 022) and that the filter has excellent long-term properties in the actual operating environment. See certificate of P-marked sizes.



SPECIFICATIONS

| | |
|--------------|---|
| Filter media | Synthetic media, meltblown fibre |
| Frame | Aluzinc, galvanized metal frame, plastic or wooden frame, standard 25 mm, alternatively 20 mm |
| Bag depth | Standard 380, 500, 635 mm, or by request |

TECHNICAL DATA

| | |
|----------------------------------|--|
| Filter class EN 779: 2012 | M5 |
| Maximum temperature | 70°C at continuous operation |
| Recommended final pressure drop: | Economical change point 250 Pa, maximum 450 Pa |
| Average efficiency EN 779 (%) | $40\% \leq E_m < 60\%$ |

| MODEL NR | MEASUREMENT (MM) | | | POCKETS | NOMINAL AIR FLOW (m ³ /h) | INITIAL ΔP Pa |
|----------|------------------|--------|-------|---------|---|------------------|
| | width | height | depth | | | |
| SDF4045 | 592 | 592 | 635 | 10 | 3400 | 42 |
| SDF4046 | 490 | 592 | 635 | 8 | 2700 | 42 |
| SDF4047 | 287 | 592 | 635 | 5 | 1700 | 42 |
| SDF4090 | 592 | 490 | 635 | 10 | 2700 | 42 |
| SDF4093 | 592 | 287 | 635 | 10 | 1700 | 42 |

Cont. on the next page.

| MODEL NR | MEASUREMENT (MM) | | | POCKETS | NOMINAL AIR FLOW (m ³ /h) | INITIAL ΔP Pa |
|----------|------------------|--------|-------|---------|---|------------------|
| | width | height | depth | | | |
| SDF4048 | 592 | 592 | 500 | 10 | 3400 | 46 |
| SDF4049 | 490 | 592 | 500 | 8 | 2700 | 46 |
| SDF4050 | 287 | 592 | 500 | 5 | 1700 | 46 |
| SDF4091 | 592 | 490 | 500 | 10 | 2700 | 46 |
| SDF4094 | 592 | 287 | 500 | 10 | 1700 | 46 |
| SDF4051 | 592 | 592 | 380 | 10 | 3400 | 52 |
| SDF4052 | 490 | 592 | 380 | 8 | 2700 | 52 |
| SDF4053 | 287 | 592 | 380 | 5 | 1700 | 52 |
| SDF4092 | 592 | 490 | 380 | 10 | 2700 | 52 |
| SDF4095 | 592 | 287 | 380 | 10 | 1700 | 52 |
| SDF4036 | 592 | 592 | 635 | 8 | 3400 | 45 |
| SDF4037 | 490 | 592 | 635 | 6 | 2700 | 45 |
| SDF4038 | 287 | 592 | 635 | 4 | 1700 | 45 |
| SDF4072 | 592 | 490 | 635 | 8 | 2700 | 45 |
| SDF4075 | 592 | 287 | 635 | 8 | 1700 | 45 |
| SDF4039 | 592 | 592 | 500 | 8 | 3400 | 50 |
| SDF4040 | 490 | 592 | 500 | 6 | 2700 | 50 |
| SDF4041 | 287 | 592 | 500 | 4 | 1700 | 50 |
| SDF4073 | 592 | 490 | 500 | 8 | 2700 | 50 |
| SDF4076 | 592 | 287 | 500 | 8 | 1700 | 50 |
| SDF4042 | 592 | 592 | 380 | 8 | 3400 | 55 |
| SDF4043 | 490 | 592 | 380 | 6 | 2700 | 55 |
| SDF4044 | 287 | 592 | 380 | 4 | 1700 | 55 |
| SDF4074 | 592 | 490 | 380 | 8 | 2700 | 55 |
| SDF4077 | 592 | 287 | 380 | 8 | 1700 | 55 |

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| MODEL NR | MEASUREMENT (MM) | | | POCKETS | NOMINAL AIR FLOW (m ³ /h) | INITIAL ΔP Pa |
|----------|------------------|--------|-------|---------|---|------------------|
| | width | height | depth | | | |
| SDF4000 | 592 | 592 | 635 | 6 | 3400 | 48 |
| SDF4001 | 490 | 592 | 635 | 5 | 2700 | 48 |
| SDF4002 | 287 | 592 | 635 | 3 | 1700 | 48 |
| SDF4018 | 592 | 490 | 635 | 6 | 2700 | 48 |
| SDF4021 | 592 | 287 | 635 | 6 | 1700 | 48 |
| SDF4003 | 592 | 592 | 500 | 6 | 3400 | 54 |
| SDF4004 | 490 | 592 | 500 | 5 | 2700 | 54 |
| SDF4005 | 287 | 592 | 500 | 3 | 1700 | 54 |
| SDF4019 | 592 | 490 | 500 | 6 | 2700 | 54 |
| SDF4022 | 592 | 287 | 500 | 6 | 1700 | 54 |
| SDF4006 | 592 | 592 | 380 | 6 | 3400 | 60 |
| SDF4007 | 490 | 592 | 380 | 5 | 2700 | 60 |
| SDF4008 | 287 | 592 | 380 | 3 | 1700 | 60 |
| SDF4020 | 592 | 490 | 380 | 6 | 2700 | 60 |
| SDF4023 | 592 | 287 | 380 | 6 | 1700 | 60 |

Other standard and custom sizes are stocked or manufactured on request.