

Opakfil ST



Advantages

- Long operating life
- Light and robust
- Low Energy Consumption
- Aerodynamic radial design

Application: Air conditioning applications and preparatory filtration in clean rooms.

Type: High efficiency, incinerable filter.

Frame: 25mm thick flange, ABS.

Media: Glass fiber paper.

Separator: Hot-melt beads.

Sealant: Polyurethane.

EN779:2012 efficiency: M6, F7, F8, F9.

Recommended final pressure drop: 450 Pa (suggested economical change point 350 Pa).

Temperature: 70°C maximum in continuous service.

Mounting system: Front and side access housing and frames are available, Type 8, Type L and FC housings.



Items

| Model Name | Filter class | Width | Height | Depth | Air flow m ³ /h | Pressure drop Pa | Area m ² | Volume m ³ | Weight kg | Initial eff. % | ME %* | Energy consumption kWh/y** | Energy class*** |
|------------|--------------|-------|--------|-------|----------------------------|------------------|---------------------|-----------------------|-----------|----------------|-------|----------------------------|-----------------|
| ST 6 | M6 | 592 | 592 | 296 | 3400 | 60 | 13 | 0,11 | 4 | 23 | 23 | 1135 | D |
| ST 6 | M6 | 592 | 490 | 296 | 2800 | 60 | 10 | 0,09 | 3 | | | | D |
| ST 6 | M6 | 592 | 287 | 296 | 1700 | 60 | 6 | 0,05 | 2 | | | | D |
| ST 7 | F7 | 592 | 592 | 296 | 3400 | 75 | 13 | 0,11 | 4 | 44 | 44 | 999 | B |
| ST 7 | F7 | 592 | 490 | 296 | 2800 | 75 | 10 | 0,09 | 3 | | | | B |
| ST 7 | F7 | 592 | 287 | 296 | 1700 | 75 | 6 | 0,05 | 2 | | | | B |
| ST 8 | F8 | 592 | 592 | 296 | 3400 | 90 | 13 | 0,11 | 4 | 63 | 62 | 1255 | B |
| ST 8 | F8 | 592 | 490 | 296 | 2800 | 90 | 10 | 0,09 | 3 | | | | B |
| ST 8 | F8 | 592 | 287 | 296 | 1700 | 90 | 6 | 0,05 | 2 | | | | B |
| ST 9 | F9 | 592 | 592 | 296 | 3400 | 110 | 13 | 0,11 | 4 | 77 | 75 | 1522 | B |
| ST 9 | F9 | 592 | 490 | 296 | 2800 | 110 | 10 | 0,09 | 3 | | | | B |
| ST 9 | F9 | 592 | 287 | 296 | 1700 | 110 | 6 | 0,05 | 2 | | | | B |

* ME%: Minimum efficiency ref. to EN779:2012

** Energy Consumption, kWh/year: Calculated according to Eurovent Guideline 4/21-2014

*** Energy class: according to Eurovent RS 4/C/001-2015