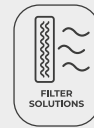


MFB

Filtration units without fan with bag filters

NEW



Filtration units without fan with bag filters, with low pressure drop and high durability, ideal for very dirty environments.

Characteristics:

- Aluminium profile structure.
- Covers with a high quality, 25 mm thick acoustic casing made of prefinished sheet.
- Side access panel for proper maintenance.
- Modular construction for use in combination with different air treatment units.

- Compatible with most existing aluminium profile type models: CJK/EC, CJK/FILTER/EC, UPC/EC, CJBX/AL, CJBD/AL, CJDXR/AL, UFRX/ALS...
- Filter stages: G4 textile pre-filter + F8 bag filter.
- Easy to remove filters for maintenance.

On request:

- Rigid bag filter and different filter stages.

Order code

MFB — 900

MFB: Filtration units without fan with bag filters

Size 900 x 900 mm

Filter characteristics

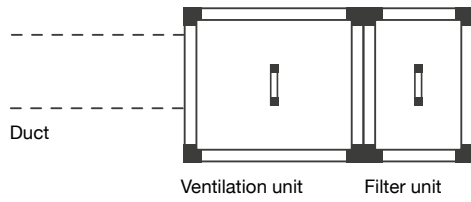
| | EN 779 | EN 1822 | ISO 16890 | | | |
|---------------|--------|---------|----------------------|------------------------|-----------------------|------------|
| | Em | | ISO ePM ₁ | ISO ePM _{2,5} | ISO ePM ₁₀ | ISO COARSE |
| G4 | - | - | - | - | - | 65% |
| Bag filter F8 | 90-95% | - | >65-80% | >80% | >90% | - |

Technical characteristics

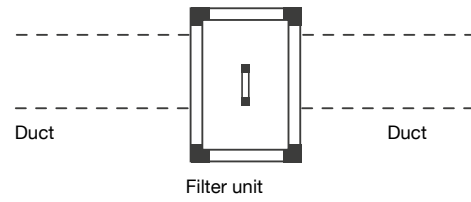
| Model | Cross section (mm) | | Approx. weight (Kg) | Maximum flow rate (m ³ /h) |
|----------|--------------------|-------|---------------------|---------------------------------------|
| | Height | Width | | |
| MFB-490 | 490 | 490 | 15 | 2055 |
| MFB-500 | 500 | 500 | 18 | 1500 |
| MFB-550 | 550 | 550 | 18 | 2700 |
| MFB-605 | 605 | 605 | 20 | 3370 |
| MFB-680 | 680 | 680 | 22 | 4385 |
| MFB-700 | 700 | 700 | 34 | 2940 |
| MFB-855 | 855 | 855 | 40 | 7325 |
| MFB-900 | 900 | 900 | 57 | 4290 |
| MFB-1000 | 1000 | 1000 | 50 | 10180 |
| MFB-1195 | 1195 | 1195 | 72 | 11755 |
| MFB-1250 | 1250 | 1250 | 78 | 11755 |
| MFB-1450 | 1450 | 1450 | 93 | 17160 |
| MFB-1670 | 1670 | 1670 | 104 | 26450 |

Installation examples

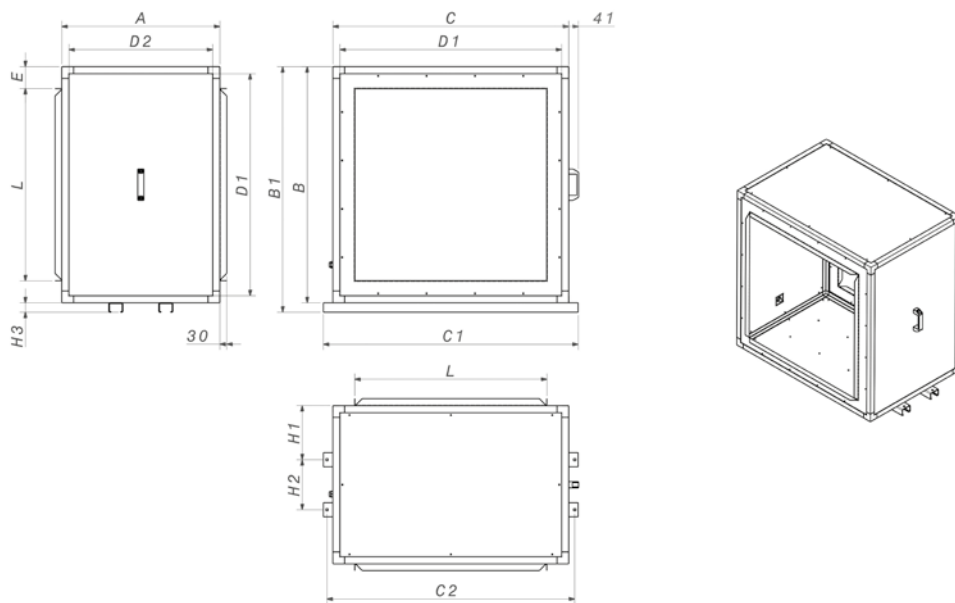
Set-up next to a ventilation unit



Set-up between ducts

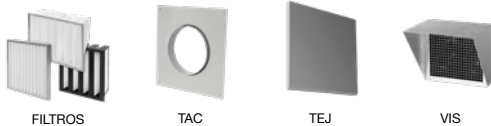


Dimensions mm



| | A | B | B1 | C | C1 | C2 | D1 | D2 | E | L | H1 | H2 | H3 |
|----------|-----|------|------|------|------|------|------|-----|--------|--------|-----|-----|----|
| MFB-490 | 510 | 490 | - | 490 | - | - | 430 | 450 | 83.4 | 323.2 | - | - | - |
| MFB-500 | 500 | 500 | - | 500 | - | - | 420 | 420 | 58.4 | 383.2 | - | - | - |
| MFB-550 | 510 | 550 | - | 550 | - | - | 490 | 450 | 83.4 | 383.2 | - | - | - |
| MFB-605 | 510 | 605 | - | 605 | - | - | 545 | 450 | 106.9 | 391.2 | - | - | - |
| MFB-680 | 510 | 680 | - | 680 | - | - | 620 | 450 | 84.4 | 511.2 | - | - | - |
| MFB-700 | 700 | 700 | - | 700 | - | - | 620 | 620 | 94.4 | 511.2 | - | - | - |
| MFB-855 | 670 | 855 | 895 | 855 | 938 | 908 | 795 | 610 | 84.4 | 686.2 | 229 | 212 | 40 |
| MFB-900 | 900 | 900 | - | 900 | - | - | 820 | 820 | 106.9 | 686.2 | - | - | - |
| MFB-1000 | 670 | 1000 | 1040 | 1000 | 1080 | 1050 | 940 | 610 | 92.9 | 814.2 | 229 | 212 | 40 |
| MFB-1195 | 670 | 1195 | 1235 | 1195 | 1280 | 1245 | 1115 | 590 | 131.9 | 931.2 | 229 | 212 | 40 |
| MFB-1250 | 670 | 1250 | 1290 | 1250 | 1350 | 1320 | 1170 | 590 | 168.9 | 912.2 | 229 | 212 | 40 |
| MFB-1450 | 670 | 1450 | 1490 | 1450 | 1550 | 1520 | 1370 | 590 | 169.4 | 1111.2 | 229 | 212 | 40 |
| MFB-1670 | 670 | 1670 | 1710 | 1670 | 1770 | 1740 | 1590 | 590 | 137.75 | 1394.5 | 229 | 212 | 40 |

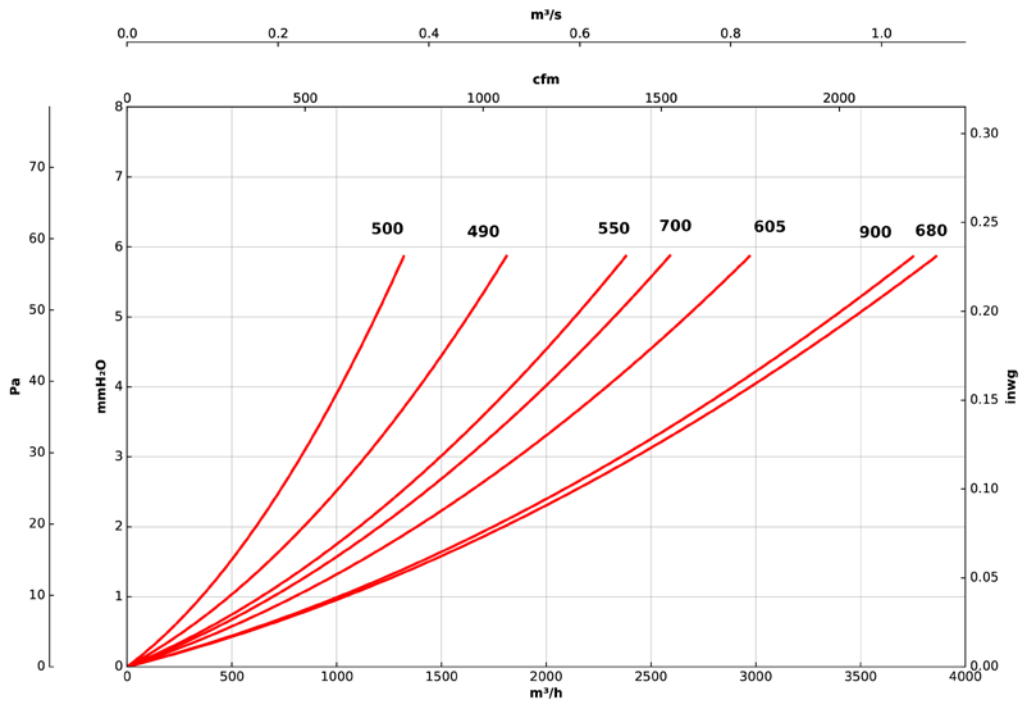
Accessories



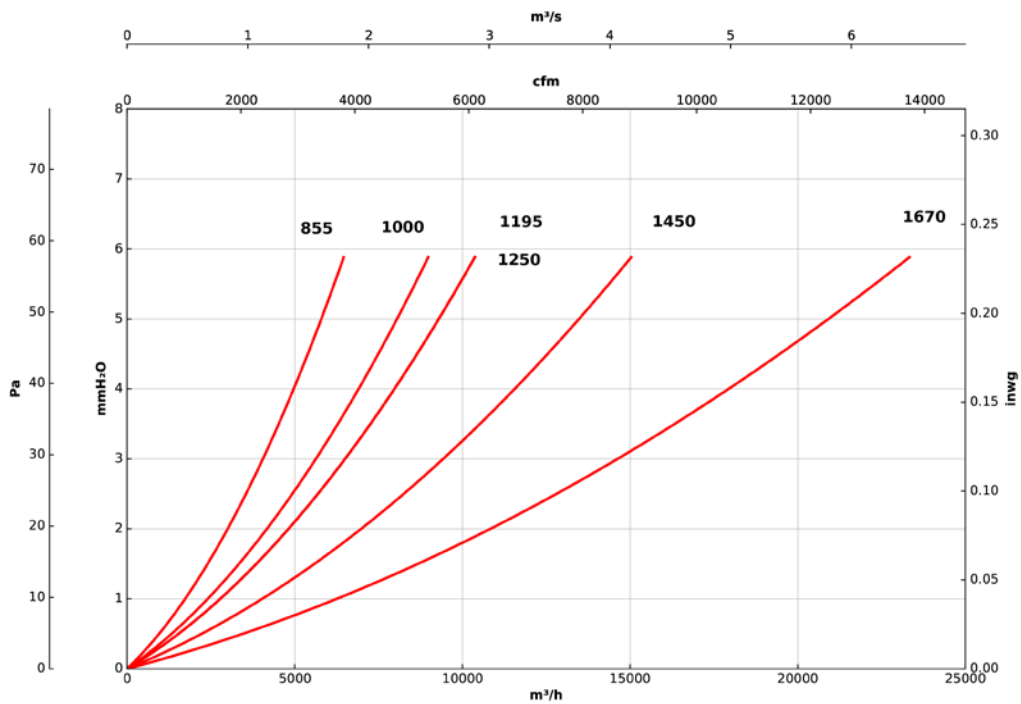
Load loss characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H₂O, Pa and inwg

Filter modules: G4



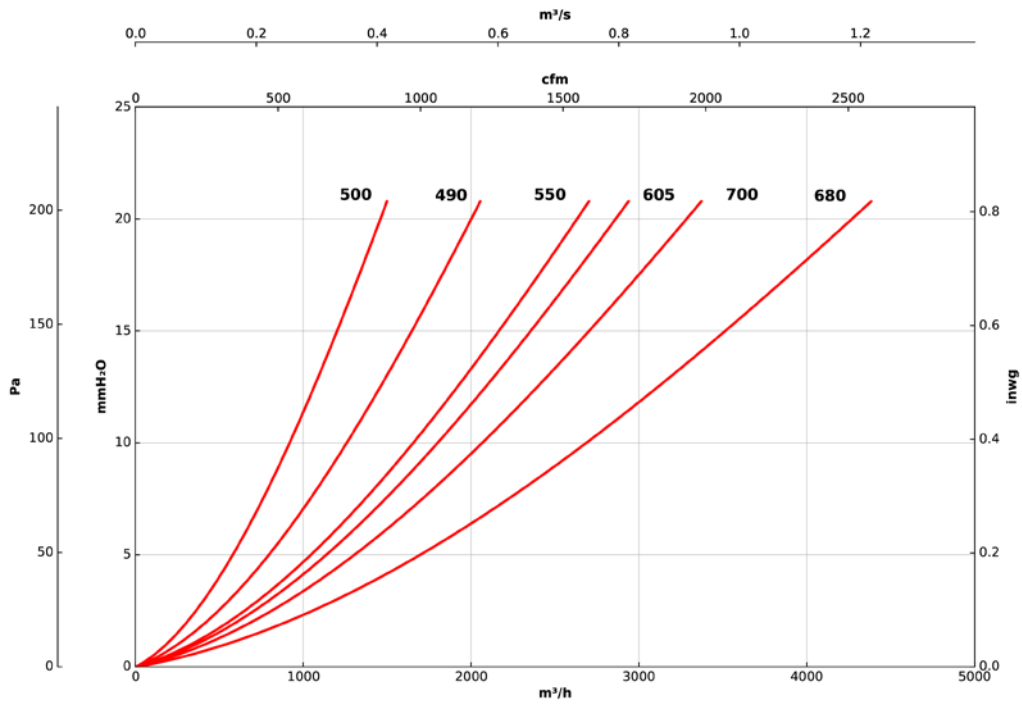
Filter modules: G4



Load loss characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H₂O, Pa and inwg

Filter modules: Bag filter F8



Filter modules: Bag filter F8

