

Global Filter Classification and Particle Size Efficiency Chart

| F27042014 | Coarse filters | | | | Medium filters | | Fine filters | | |
|--|----------------|------------|--------|--------------------|----------------|------------|--------------|---------|------------|
| Filter classification according EN779:2012 | G1 | G2 | G3 | G4 | M5 | M6 | F7 | F8 | F9 |
| Average Arrestance (%) gravimetric | 50<65 | 65<80 | 80<90 | 90< A _m | | | | | |
| Average Efficiency @ 0,4 | | | | | | | | | |
| Minimum Efficiency @ 0,4 µm DEHS | | | | | | | > 35 | >55 | >70 |
| Eurovent 4/5 Classification | EU1 | EU2 | EU3 | EU4 | EU5 | EU6 | EU7 | EU8 | EU9 |
| ASHRAE 52.2-2012 | MERV 1 | MERV 2/3/4 | MERV 5 | MERV 6/7/8 | MERV 9/10 | MERV 11/12 | MERV 13 | MERV 14 | MERV 15/16 |

| Initial efficiency versus particle size | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0,1 µm | - | - | - | - | 0-10 | 5-15 | 25-35 | 35-45 | 45-60 |
| 0,3 µm | - | - | - | 0-5 | 5-15 | 10-25 | 45-60 | 65-75 | 75-85 |
| 0,5 µm | - | - | 0-5 | 5-15 | 15-30 | 20-40 | 60-75 | 80-90 | 90-95 |
| 1 µm | - | 0-5 | 5-15 | 15-35 | 30-50 | 50-65 | 85-95 | 95-98 | >98 |
| 3 µm | 0-5 | 5-15 | 15-35 | 30-55 | 70-90 | 85-95 | >98 | >99 | >99 |
| 5 µm | 5-15 | 15-35 | 35-70 | 60-90 | 90-99 | 95-99 | >99 | >99 | >99 |
| 10µm | 40-50 | 50-70 | 70-85 | 85-98 | >98 | >99 | >99 | >99 | >99 |

Particle Size Efficiency Chart

