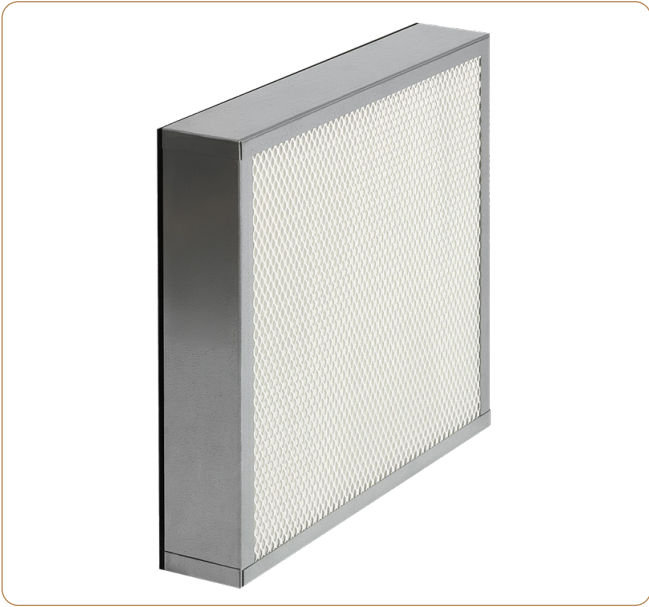


EPA/HEPA filters

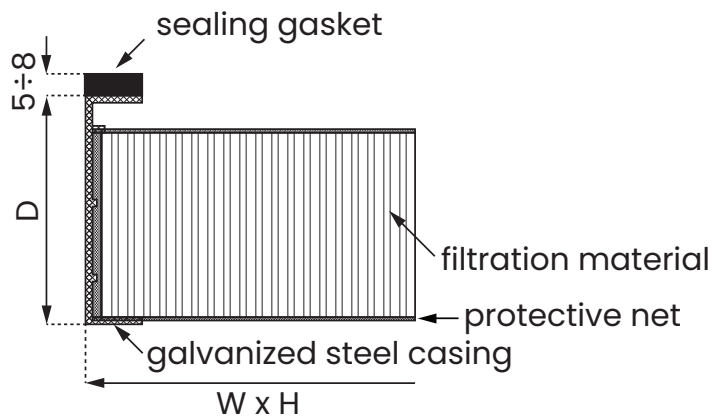
UltraMet 78



| | |
|--|--|
| PN-EN 1822:2009 Class: | E10, E11, H13, H14 |
| Filtration material: | glass fiber (glass microfibers) |
| Separators: | hot melt |
| Casing: | galvanized steel, resistant to humidity |
| Bonding: | two-component, cold-mixed (polyurethane) |
| Sealing gasket: | on one side of the filter (continuous foam or flat) |
| Max. operating temperature: | 80°C |
| Permissible relative humidity: | >90% |
| *Final pressure drop derived from the filter test standard: | 500 Pa |
| Protective net: | optionally on one or both sides |

1. Durable and rigid construction
2. High dust absorbency
3. Low pressure drop
4. Long filter lifespan
5. Low energy costs
6. Resistance to humidity
7. Flame retardant (F1 acc. DIN 53438)
8. Disposal without toxic compounds

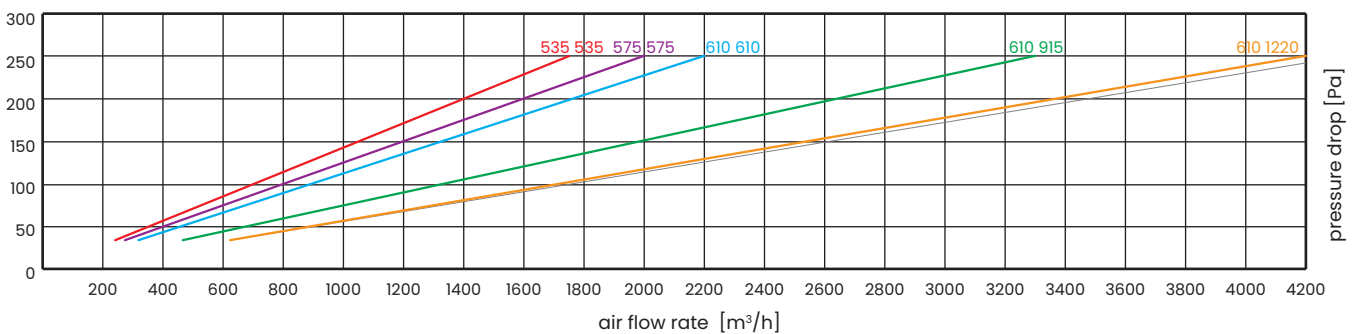
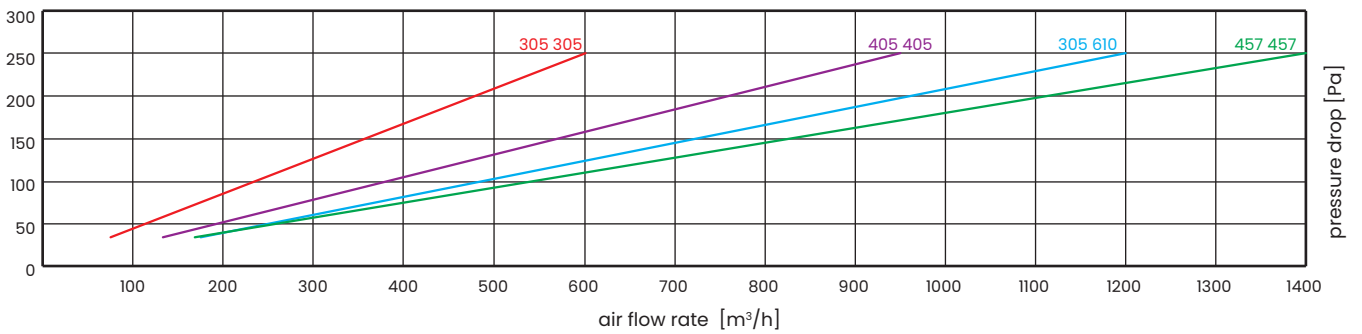
* The final operating pressure drop of the filters should be checked in the technical documentation or consulted with the manufacturer of the equipment being operated.



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Technical data for standard filters based on the results of laboratory tests carried out in accordance with EN 1822

| Filtration Class | Product | Dimensions [mm] | | | Filtration Area [m ²] | Air Flow Rate [m ³ /h] | Initial Pressure Drop [Pa] |
|------------------|------------|-----------------|------|----|-----------------------------------|-----------------------------------|----------------------------|
| | | W | H | D | | | |
| E10 | UltraMet78 | 305 | 305 | 78 | 2,6 | 150 | 70 |
| | | 405 | 405 | 78 | 4,6 | 250 | 70 |
| | | 305 | 610 | 78 | 5,2 | 300 | 70 |
| | | 457 | 457 | 78 | 5,9 | 350 | 70 |
| | | 535 | 535 | 78 | 8,1 | 450 | 70 |
| | | 575 | 575 | 78 | 9,4 | 530 | 70 |
| | | 610 | 610 | 78 | 10,6 | 600 | 70 |
| | | 610 | 915 | 78 | 15,8 | 1000 | 70 |
| | | 610 | 1220 | 78 | 21,2 | 1200 | 70 |

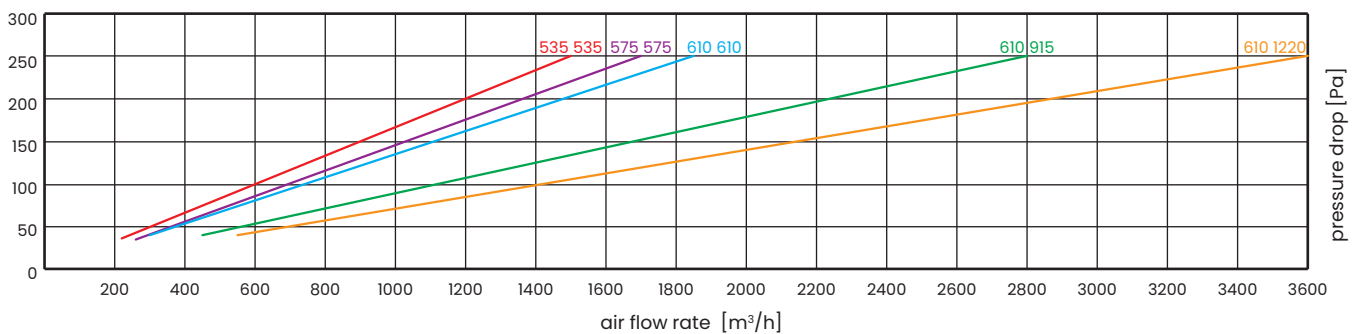
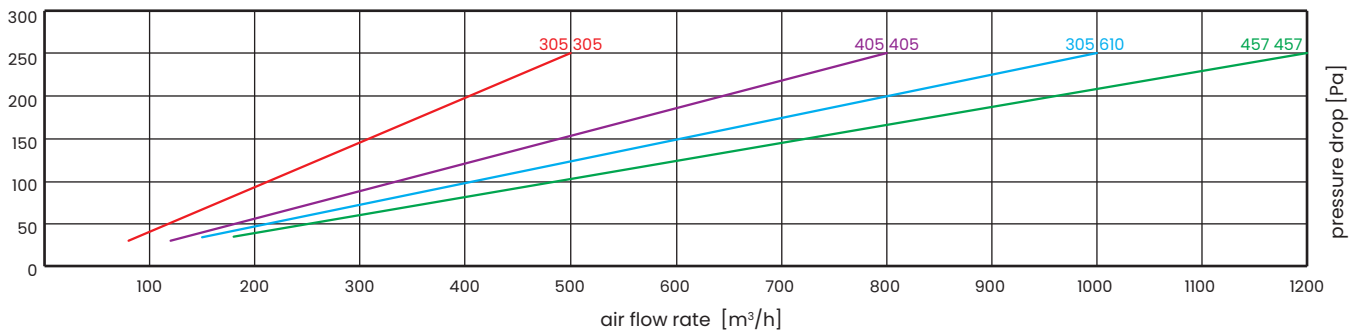


Filters in MDF casings are manufactured in all sizes, but we recommend that the front area of the filter does not exceed 0.6 m².

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Technical data for standard filters based on the results of laboratory tests carried out in accordance with EN 1822

| Filtration Class | Product | Dimensions [mm] | | | Filtration Area [m ²] | Air Flow Rate [m ³ /h] | Initial Pressure Drop [Pa] |
|------------------|------------|-----------------|------|----|-----------------------------------|-----------------------------------|----------------------------|
| | | W | H | D | | | |
| E11 | UltraMet78 | 305 | 305 | 78 | 2,6 | 150 | 80 |
| | | 405 | 405 | 78 | 4,6 | 250 | 80 |
| | | 305 | 610 | 78 | 5,2 | 300 | 80 |
| | | 457 | 457 | 78 | 5,9 | 350 | 80 |
| | | 535 | 535 | 78 | 8,1 | 450 | 80 |
| | | 575 | 575 | 78 | 9,4 | 530 | 80 |
| | | 610 | 610 | 78 | 10,6 | 600 | 80 |
| | | 610 | 915 | 78 | 15,8 | 1000 | 80 |
| | | 610 | 1220 | 78 | 21,2 | 1200 | 80 |

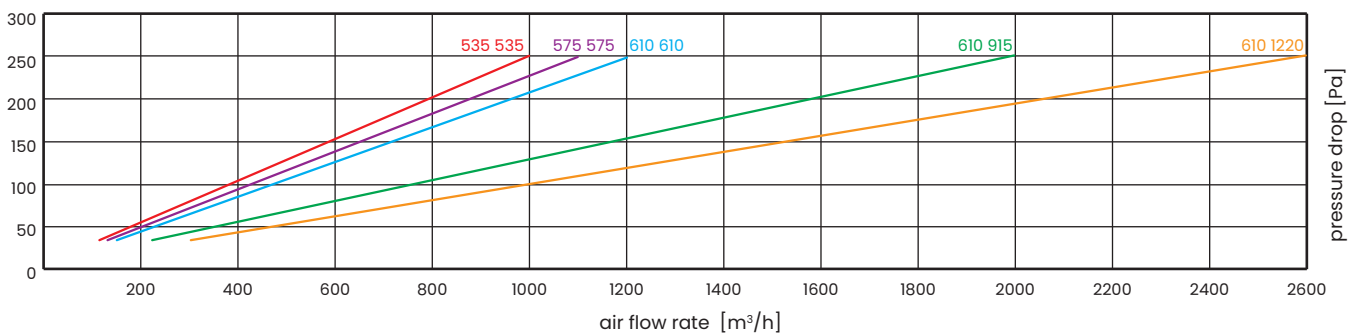
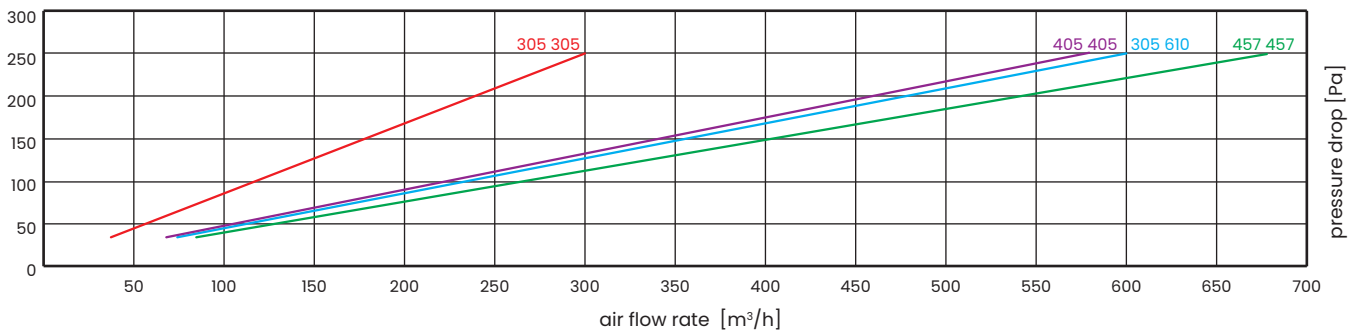


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Technical data for standard filters based on the results of laboratory tests carried out in accordance with EN 1822

| Filtration Class | Product | Dimensions [mm] | | | Filtration Area [m ²] | Air Flow Rate [m ³ /h] | Initial Pressure Drop [Pa] |
|------------------|------------|-----------------|------|----|-----------------------------------|-----------------------------------|----------------------------|
| | | W | H | D | | | |
| H13 | UltraMet78 | 305 | 305 | 78 | 2,6 | 150 | 120 |
| | | 405 | 405 | 78 | 4,6 | 250 | 120 |
| | | 305 | 610 | 78 | 5,2 | 300 | 120 |
| | | 457 | 457 | 78 | 5,9 | 350 | 120 |
| | | 535 | 535 | 78 | 8,1 | 450 | 120 |
| | | 575 | 575 | 78 | 9,4 | 530 | 120 |
| | | 610 | 610 | 78 | 10,6 | 600 | 120 |
| | | 610 | 915 | 78 | 15,8 | 1000 | 120 |
| | | 610 | 1220 | 78 | 21,2 | 1200 | 120 |

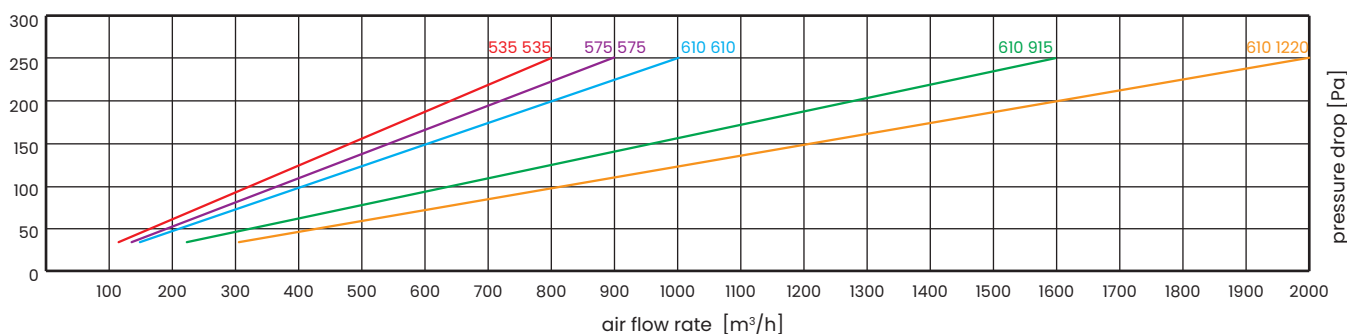
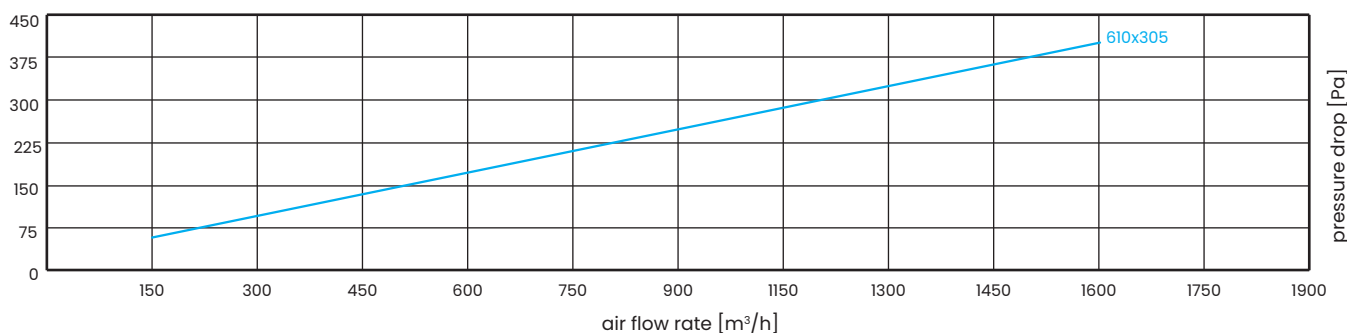


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Technical data for standard filters based on the results of laboratory tests carried out in accordance with EN 1822

| Filtration Class | Product | Dimensions [mm] | | | Filtration Area [m ²] | Air Flow Rate [m ³ /h] | Initial Pressure Drop [Pa] |
|------------------|------------|-----------------|------|----|-----------------------------------|-----------------------------------|----------------------------|
| | | W | H | D | | | |
| HI4 | UltraMet78 | 305 | 305 | 78 | 2,6 | 150 | 135 |
| | | 405 | 405 | 78 | 4,6 | 250 | 135 |
| | | 305 | 610 | 78 | 5,2 | 300 | 135 |
| | | 457 | 457 | 78 | 5,9 | 350 | 135 |
| | | 535 | 535 | 78 | 8,1 | 450 | 135 |
| | | 575 | 575 | 78 | 9,4 | 530 | 135 |
| | | 610 | 610 | 78 | 10,6 | 600 | 135 |
| | | 610 | 915 | 78 | 15,8 | 1000 | 135 |
| | | 610 | 1220 | 78 | 21,2 | 1200 | 135 |



Filters in MDF casings are manufactured in all sizes, but we recommend that the front area of the filter does not exceed 0.6 m².

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