

UltraMet V292



1. Maximum bandwidth
2. Durable and rigid construction
3. High dust absorbency
4. Low pressure drop
5. Long filter lifespan
6. Low energy costs
7. Resistance to humidity
8. Flame retardant (F1 acc. DIN 53438)

| | |
|--|---|
| PN-EN 1822:2009 Class: | E10, E11, H13, H14, U15 |
| Filtration material: | glass fiber (glass microfibers) |
| Separators: | hot melt |
| Casing: | galvanized steel, with protective nets on both sides |
| 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: | >100% |
| *Final pressure drop derived from the filter test standard: | 500 Pa |

Application: UltraMet V292 filters are used in installations that are designed to filter large amounts of air while maintaining a high class of air purity.

The V-shaped design is characterized by a large filtering area and low resistance to air flow.

The filtration material is tightly positioned in a metal frame.

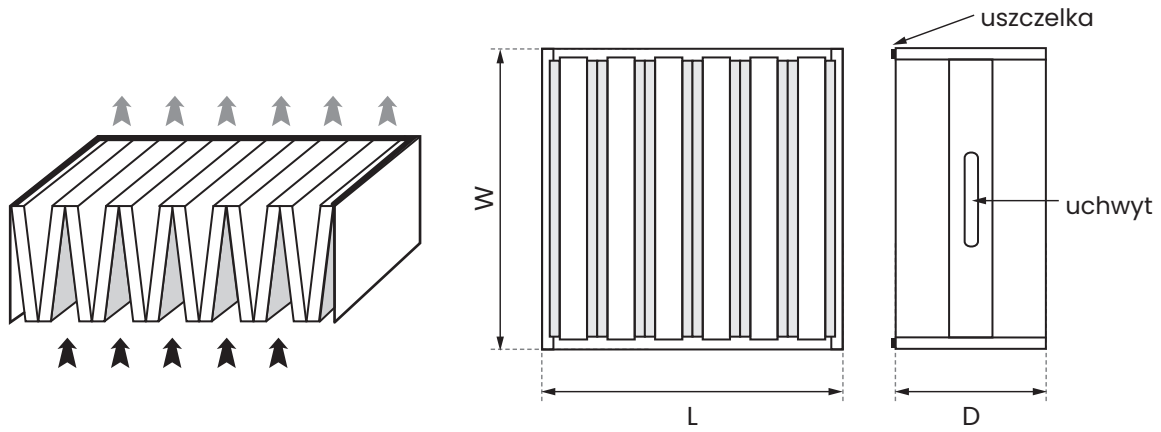
The filter can be optionally equipped with a handle for transport.

Each filter beyond the E12 class is individually tested.

* 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.

* All technical parameters provided in this specification are for informational purposes only. Actual values may differ by up to ±10% from the stated figures. The manufacturer assumes no responsibility for any consequences arising from the selection of filters in non-standard sizes based solely on the user's own calculations.

EPA/HEPA filters



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

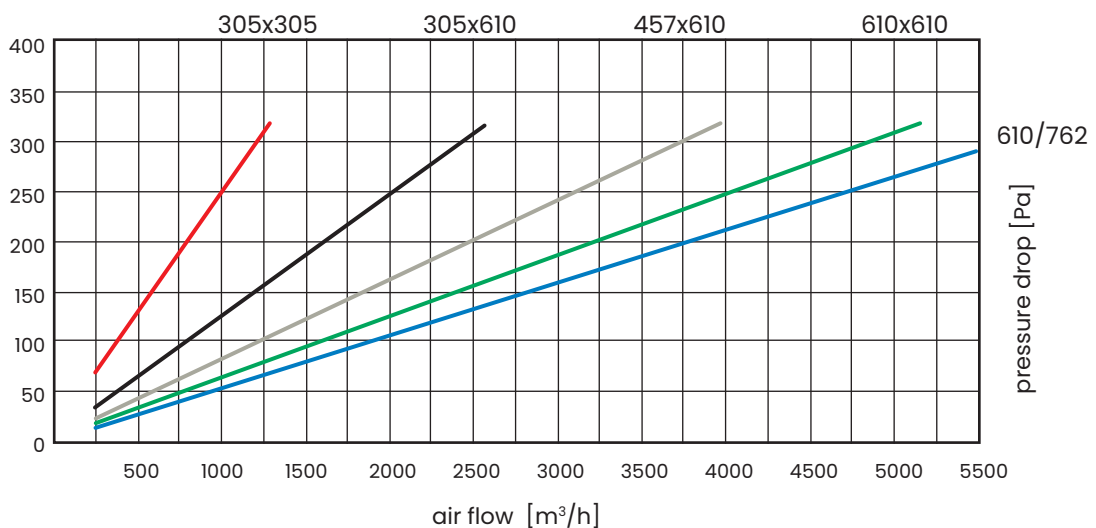
UltraMet V292 filters - standard filtration area

| Product | Dimensions [mm] | | | Filtration Area [m ²] | Air flow capacity at initial pressure drop 250 Pa [m ³ /h] | | | |
|-----------------------|-----------------|-----|------|-----------------------------------|---|------|------|------|
| | W | H | D | | E10 | E11 | H13 | H14 |
| UltraMetV292 Standard | 305 | 305 | 292 | 8,8 | 1250 | 1175 | 850 | 675 |
| | 305 | 610 | 292 | 17,6 | 2500 | 2350 | 1700 | 1400 |
| | 405 | 405 | 292 | 14 | 2150 | 2000 | 1500 | 1210 |
| | 457 | 457 | 292 | 21 | 2670 | 2500 | 1900 | 1550 |
| | 457 | 610 | 292 | 28,1 | 3750 | 3500 | 2600 | 2120 |
| | 592 | 592 | 292 | 34 | 4800 | 4500 | 3250 | 2650 |
| | 610 | 610 | 292 | 35,1 | 5000 | 4700 | 3400 | 2800 |
| 762 | 610 | 292 | 42,1 | 6000 | 5600 | 4000 | 3280 | |

UltraMet V292 filters - enlarged filtration area

| Product | Dimensions [mm] | | | Filtration Area [m ²] | Air flow capacity at initial pressure drop 250 Pa [m ³ /h] | | | |
|-------------------|-----------------|-----|-----|-----------------------------------|---|------|------|------|
| | W | H | D | | E10 | E11 | H13 | H14 |
| UltraMetV292 Plus | 305 | 305 | 292 | 11,65 | 1500 | 1400 | 1000 | 820 |
| | 305 | 610 | 292 | 23,4 | 3000 | 2800 | 2000 | 1640 |
| | 405 | 405 | 292 | 18,6 | 2620 | 2450 | 1750 | 1450 |
| | 457 | 457 | 292 | 28 | 3370 | 3150 | 2250 | 2050 |
| | 457 | 610 | 292 | 37,4 | 4600 | 4300 | 3070 | 2500 |
| | 592 | 592 | 292 | 45,4 | 5720 | 5350 | 3830 | 3140 |
| | 610 | 610 | 292 | 46,8 | 6000 | 5600 | 4000 | 3280 |
| | 762 | 610 | 292 | 56,2 | 7060 | 6600 | 4700 | 3860 |

Pressure drop diagram for H13 class filters with an enlarged filtration area



We reserve the right to make changes to the technical specifications at any time without prior notice, resulting from the continuous improvement of our products.