

DELTA Series Absolute Filters for Dust Flows

TLBM - TKBM

| Product | TLBM | TKBM |
|-------------------------------|---------|---------|
| MPPS efficiency* | 99,95 % | 99,95 % |
| CEN EN1822 classification | H 13 | H 13 |
| Suggested final pressure drop | 600 Pa | 600 Pa |
| Maximum pressure drop | 1000 Pa | 1000 Pa |
| Maximum operating temperature | 60°C | 60°C |
| Maximum relative humidity | 90 % | 100 % |

* Average efficiency. Punctual efficiency has an admitted penetration rate 5 times higher.

TLBM -TKBM Delta absolute filters are mini-pleated, with top quality construction, limited pressure drop, high dust holding capacities, strong mechanical resistance and are long-lasting. These filters are made of two materials from the one used for the frame: MDF wood (TLBM) and galvanized steel (TKBM). Both have a special single piece gasket. They come in two different depths: 149 and 292 mm which allow face air speeds of 0.75 and 1.5 m/s respectively. All the filters are tested individually and labeled to assure the compliance with the measured features.

Applications :

TLBM and TKBM filters can be used in various applications:

- final stage of air treatment units for rooms with cleanliness class M4 and M5 (FS 290E)
- protection stage for very high efficiency filters (ULPA)
- in Canister systems to assure the required emission levels of exhausted air
- in line in Modulo systems to improve the efficiency of filtration systems
- in DIF.K/DIF.S terminal hoods in controlled contamination rooms.

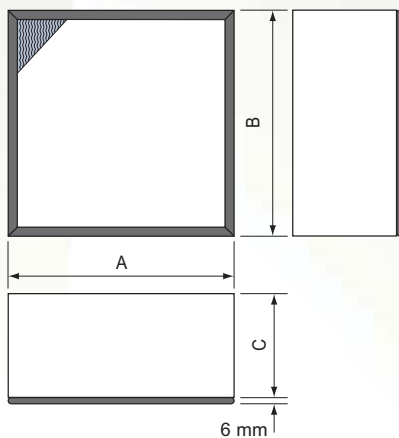
Installation :

No matter what is the installation position, TLBM and TKBM filters always allow for the use of the entire filtration surface. We suggest installing the proper high-efficiency pre-filters to increase their operating life. On request we also supply frames and housings to improve

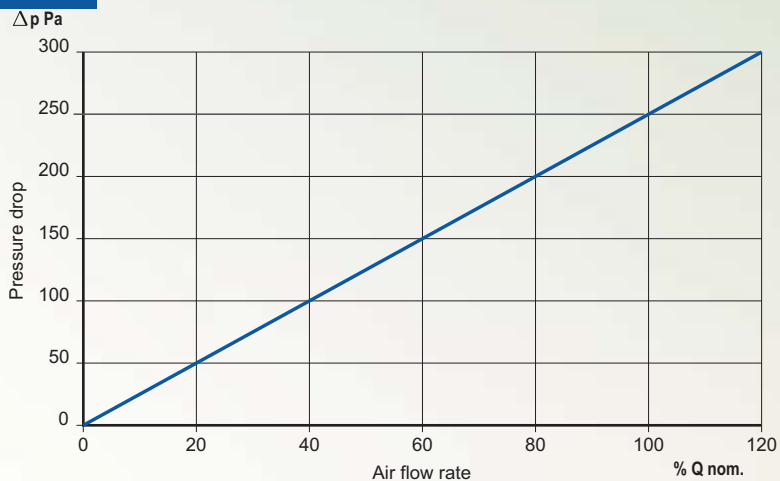
| Type | Dimensions (mm) | | | Nominal air rate flow | | | | Filtration | | Initial pressure drop Pa | | |
|------|-----------------|---|-----|-----------------------|------|--|------|----------------------|------|--------------------------|------|-----|
| | | | | TLBM | TKBM | TLBM | TKBM | media m ² | TLBM | | TKBM | |
| TLBM | A | B | C | m ³ /h | | m ³ /s x 10 ⁻³ * | | | | | | |
| TKBM | | | | | | | | | | | | |
| 3 | 305 | x | 305 | x | 149 | 260 | 285 | 72 | 79 | 2,2 | 2,3 | 250 |
| 42 | 305 | x | 610 | x | 149 | 450 | 500 | 132 | 139 | 4,5 | 4,8 | 250 |
| 4 | 610 | x | 610 | x | 149 | 950 | 1000 | 264 | 278 | 9 | 9,6 | 250 |
| 7 | 762 | x | 610 | x | 149 | 1200 | 1250 | 333 | 347 | 11,2 | 12 | 250 |
| 3 x | 305 | x | 305 | x | 149 | 500 | 550 | 139 | 153 | 4,7 | 4,9 | 250 |
| 42 x | 305 | x | 610 | x | 149 | 950 | 1000 | 264 | 276 | 8,6 | 9,7 | 250 |
| 4 x | 610 | x | 610 | x | 149 | 1900 | 2000 | 528 | 555 | 18 | 19,4 | 250 |
| 7 x | 762 | x | 610 | x | 149 | 2375 | 2500 | 660 | 694 | 22,5 | 24,2 | 250 |
| 31 | 305 | x | 305 | x | 292 | 500 | 550 | 139 | 153 | 4,7 | 4,9 | 250 |
| 52 | 305 | x | 610 | x | 292 | 950 | 1000 | 264 | 278 | 8,6 | 9,7 | 250 |
| 5 | 610 | x | 610 | x | 292 | 1900 | 2000 | 528 | 555 | 18 | 19,4 | 250 |
| 6 | 762 | x | 610 | x | 292 | 2375 | 2500 | 660 | 694 | 22,5 | 24,2 | 250 |

*1 m³/s x 10⁻³ = 1 l/s

Size



Typical curves



Technomart

Kamrabad, Fullorhat (Near Fullorhat Yuba Sangha), Sonarpur, Kolkata - 700 150, W.B., India

Tel : +91 9830156166 / 9230556166 / 9230518809 Fax : +91 33 2434 6692

e-mail : technomart@vsnl.net, Web : www.techno-filter.com