

PD-L / PD-U FLAT FILTERS

CHARACTERISTICS

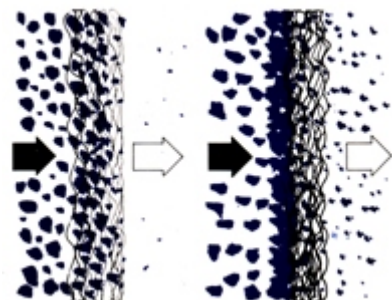
PD filters (L U type) are manufactured with a cardboard (or metal) frame with perforated plate on both sides, which affords them great resistance and dimensional stability.

Perforated plates are subjected to an anti-corrosion resin treatment. The air outlet side includes reinforcement strapping.



DESCRIPTION

The filtering medium in PD filters consists of a fiberglass, progressive density, non-flammable expanded layer (Fig. 1) that enables improved use of the filtering area. The PD-U model includes a glass veil on the air outlet panel, which increases efficiency and avoids fiber migration.



Particle retention through progressive density medium.

Surface saturation on constant-density medium.

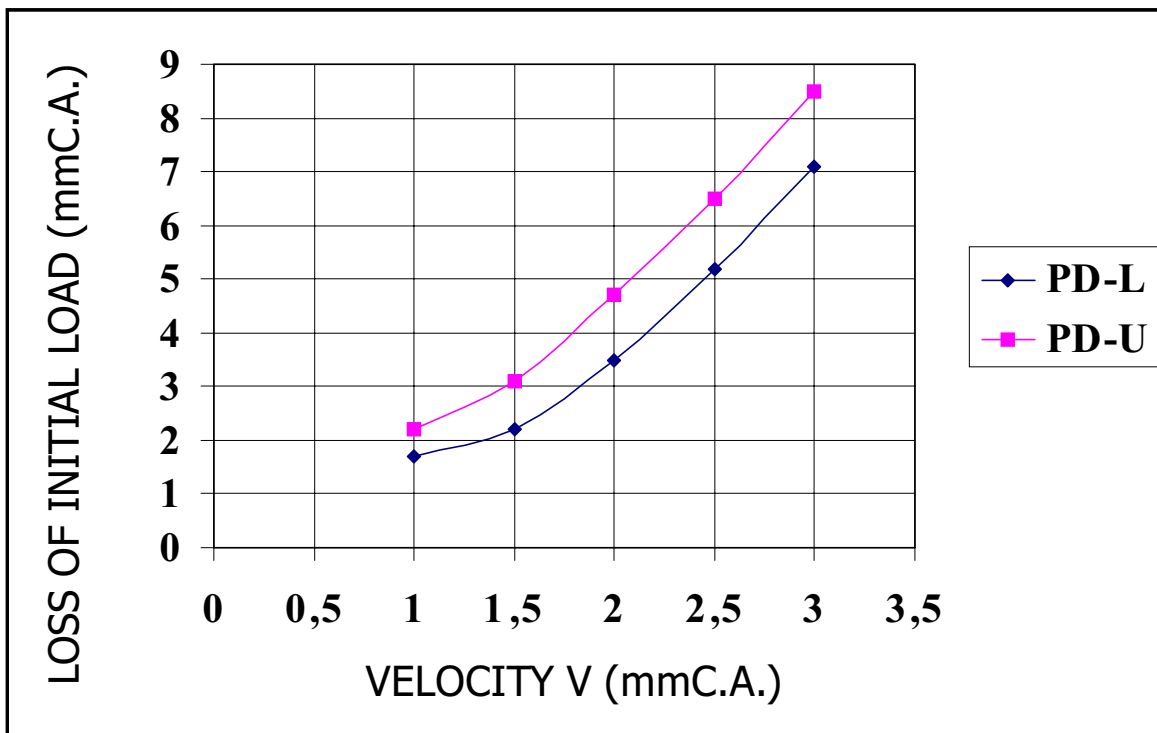
Figure 1

APPLICATION

Type L U filters are used on general air conditioning equipment, paint booths, pre-filtering for fine filters, etc.

MODEL	THICKNESS	LOSS OF LOAD (mm CA) VELOCITY 2.5 m/s		MEDIUM GRAVIMETRIC EFFICIENCY (ASHRAE 52.1.1992)
		INITIAL	FINAL	
PD-L	1"	4,00	15	75 %
	2"	5,20	18	85 %
PD-U	1"	5,00	18	78 %
	2"	6,50	20	88 %





NOMINAL DIMENSIONS (mm) THICKNESS OF 25-50 mm.	AIR CAPACITY (m ³ /h) VELOCITY 2.5 m/s
400 x 500	1870
500 x 500	2380
500 x 600	3000
* 600 x 600	3400

* Other dimensions are manufactured upon request.

Working temperature (cardboard frame) 65°C (149°F)

Working temperature (metal frame) 170°C (338°F)

