MF

Filter units without fan, with different filter options

Filter units without a fan but offering various filter options, designed to clean air by trapping airborne particulate matter present inside buildings.

Characteristics:
- Aluminium profile structure.
- Covers with a high quality, 25 mm thick acoustic casing made of prefinished sheet.
- Side access panel for proper maintenance.
- Modular construction for use in combination with different air treatment units.
- Compatible with most existing aluminium profile type models: CJK/EC, CJK/FILTER/EC, UPC/EC, CJBX/AL, CJBD/AL, CJDXR/AL, UFRX/ALS…
- Filtration stages options:
- G4 + F7.
- F6 + F8.
- F7 + F9.
- Easy to remove filters for maintenance.

Order code

MF	—	900	—	F7+F9
MF: Filter units without fan, with different filter options		Size 900 x 900 mm		Filtration stages

Filter characteristics

	EN 779	EN 1822	ISO 16890		
	Em		ISO ePM_1	ISO $ePM_{2,5}$	ISO ePM_{10}
F6	60-80%	-	-	>50-65%	>60%
F7	80-90%	-	>50-65%	>65-80%	>85%
F8	90-95%	-	>65-80%	>80%	>90%
F9	>95%	-	>80%	>95%	>95%

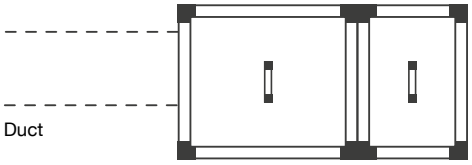
Technical characteristics

Model	Cross section mm		Approx. weight	Maximum flow rate
	Height	Width	(Kg)	(m^3/h)
MF-490	490	490	16	1815
MF-500	500	500	19	1325
MF-550	550	550	19	2385
MF-605	605	605	21	2970
MF-680	680	680	23	3890
MF-700	700	700	35	2595
MF-855	855	855	41	6465
MF-900	900	900	58	3760

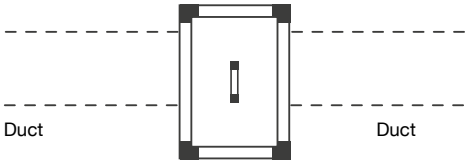
Model	Cross section mm		Approx. weight	Maximum flow rate
	Height	Width	(Kg)	(m^3/h)
MF-1000	1000	1000	51	8985
MF-1195	1195	1195	73	10370
MF-1250	1250	1250	79	10370
MF-1450	1450	1450	94	15040
MF-1670	1670	1670	105	23340

Installation examples

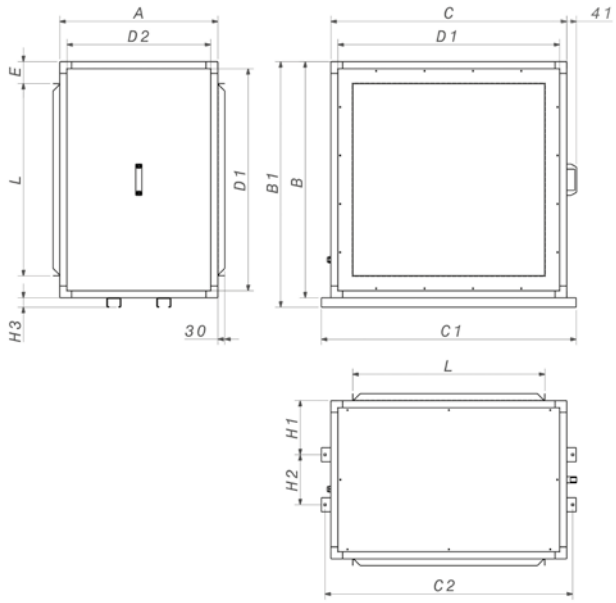
Set-up next to a ventilation unit

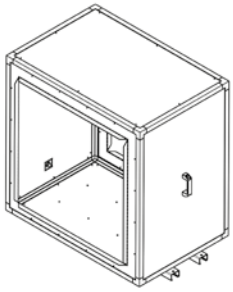


Set-up between ducts



Dimensions mm





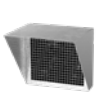
	A	B	B1	C	C1	C2	D1	D2	E	L	H1	H2	H3
MF-490	510	490	-	490	-	-	430	450	83.4	323.2	-	-	-
MF-500	500	500	-	500	-	-	420	420	58.4	383.2	-	-	-
MF-550	510	550	-	550	-	-	490	450	83.4	383.2	-	-	-
MF-605	510	605	-	605	-	-	545	450	106.9	391.2		-	-
MF-680	510	680	-	680	-	-	620	450	84.4	511.2	-	-	-
MF-700	700	700	-	700	-	-	620	620	94.4	511.2	-	-	-
MF-855	670	855	895	855	938	908	795	610	84.4	686.2	229	212	40
MF-900	900	900	-	900	-	-	820	820	106.9	686.2	-	-	-
MF-1000	670	1000	1040	1000	1080	1050	940	610	92.9	814.2	229	212	40
MF-1195	670	1195	1235	1195	1280	1245	1115	590	131.9	931.2	229	212	40
MF-1250	670	1250	1290	1250	1350	1320	1170	590	168.9	912.2	229	212	40
MF-1450	670	1450	1490	1450	1550	1520	1370	590	169.4	1111.2	229	212	40
MF-1670	670	1670	1710	1670	1770	1740	1590	590	137.75	1394.5	229	212	40

Accessories


FILTROS


TAC

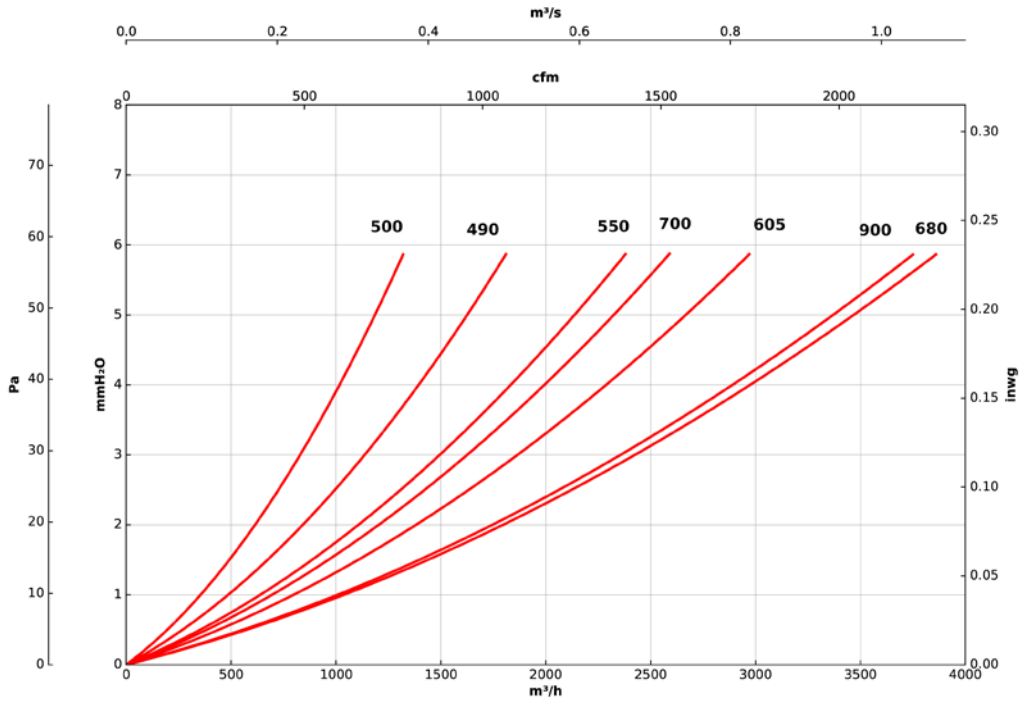

TEJ


VIS

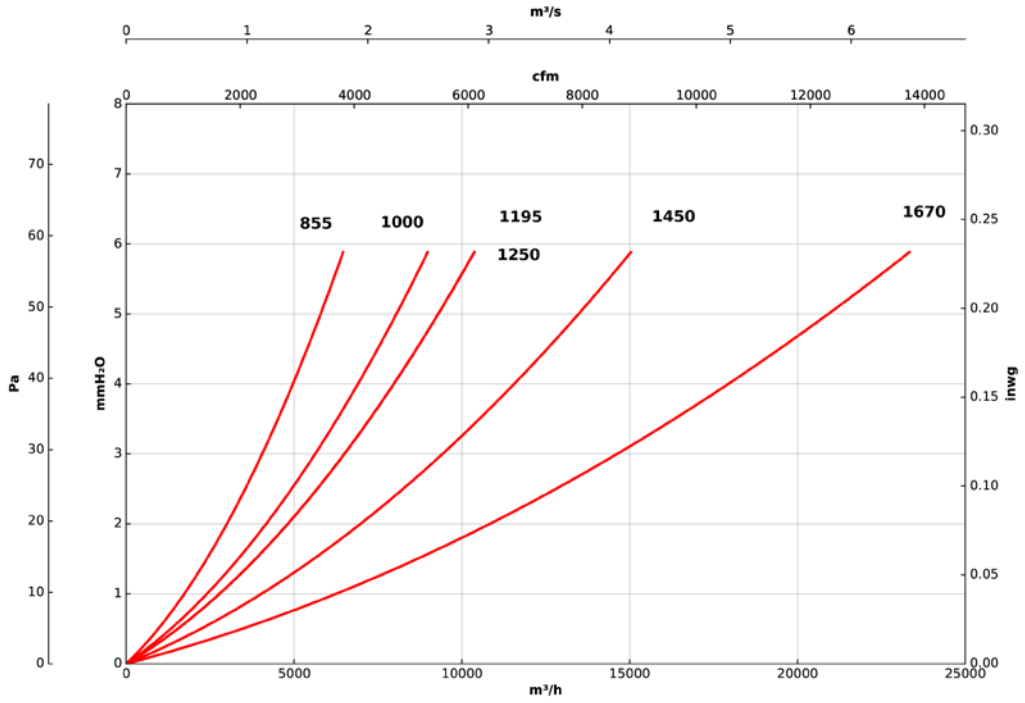
Load loss characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

Filter modules: G4



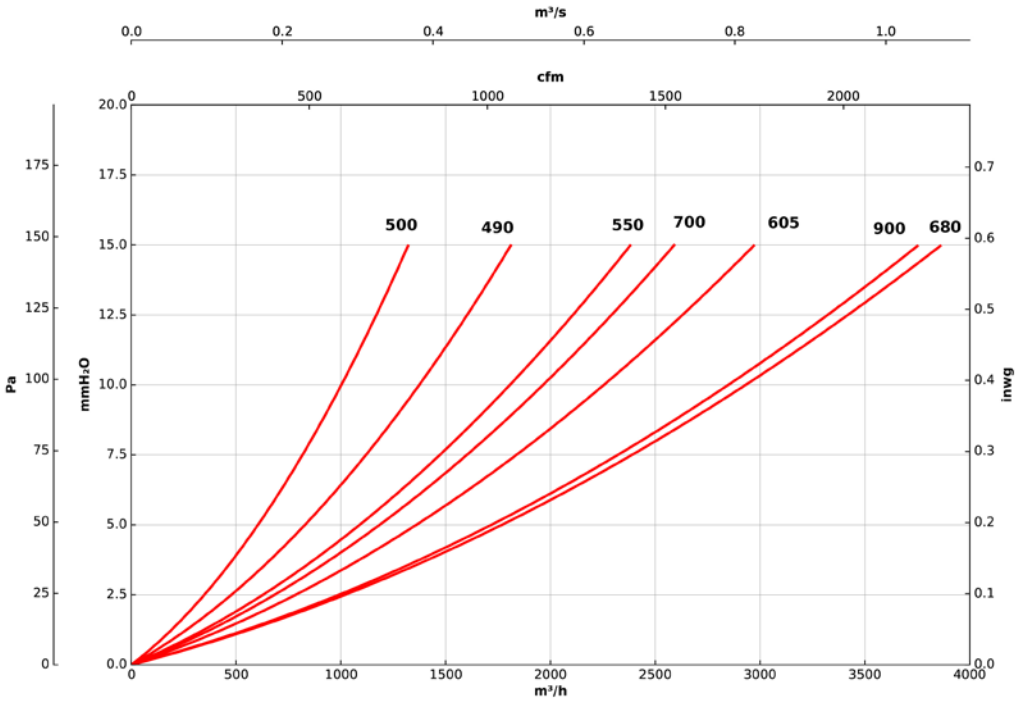
Filter modules: G4



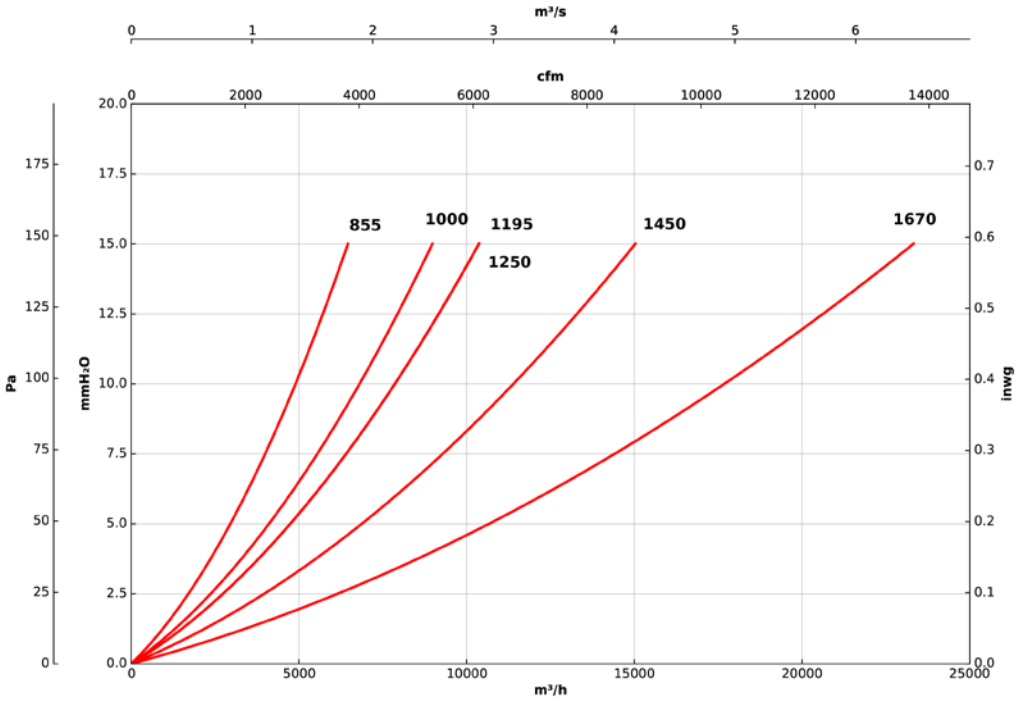
Load loss characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

Filter modules: F6



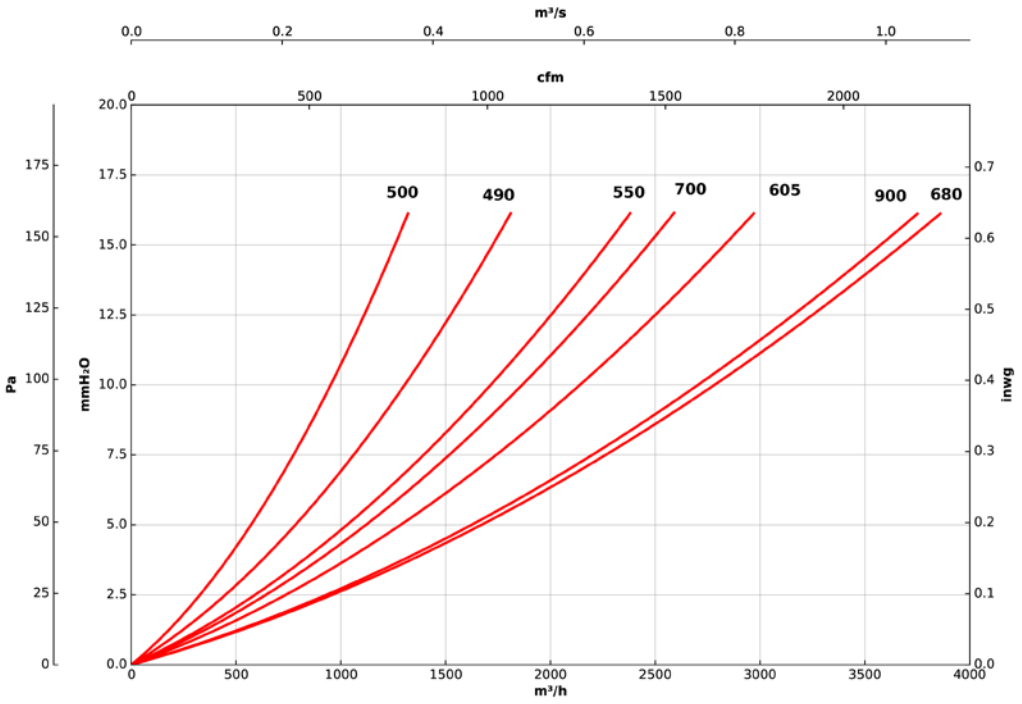
Filter modules: F6



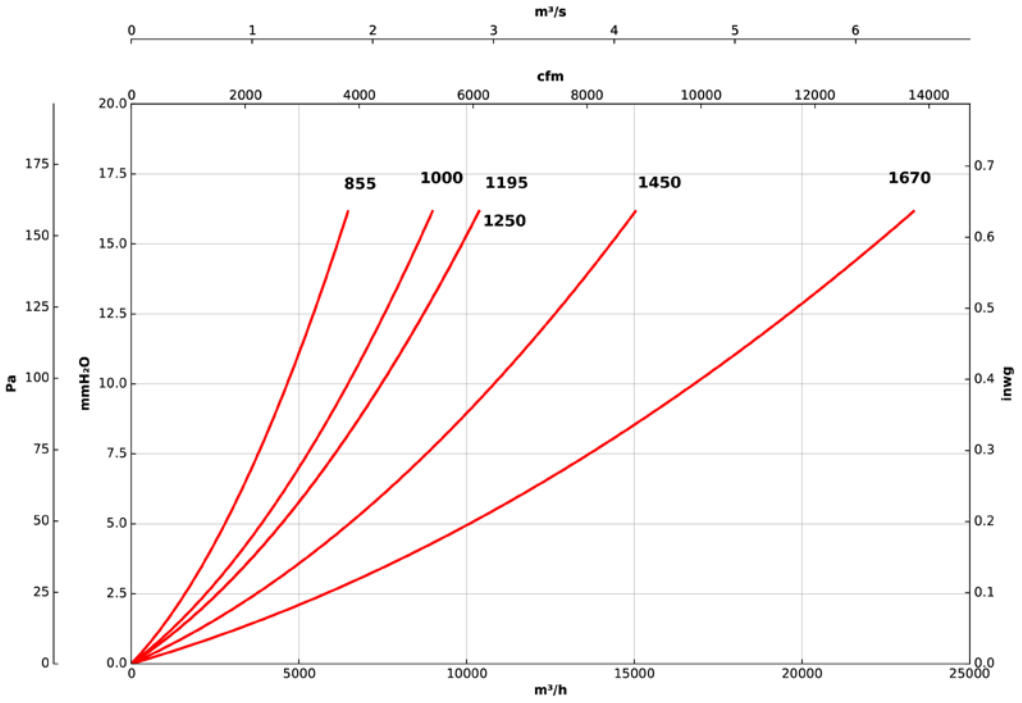
Load loss characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

Filter modules: F7



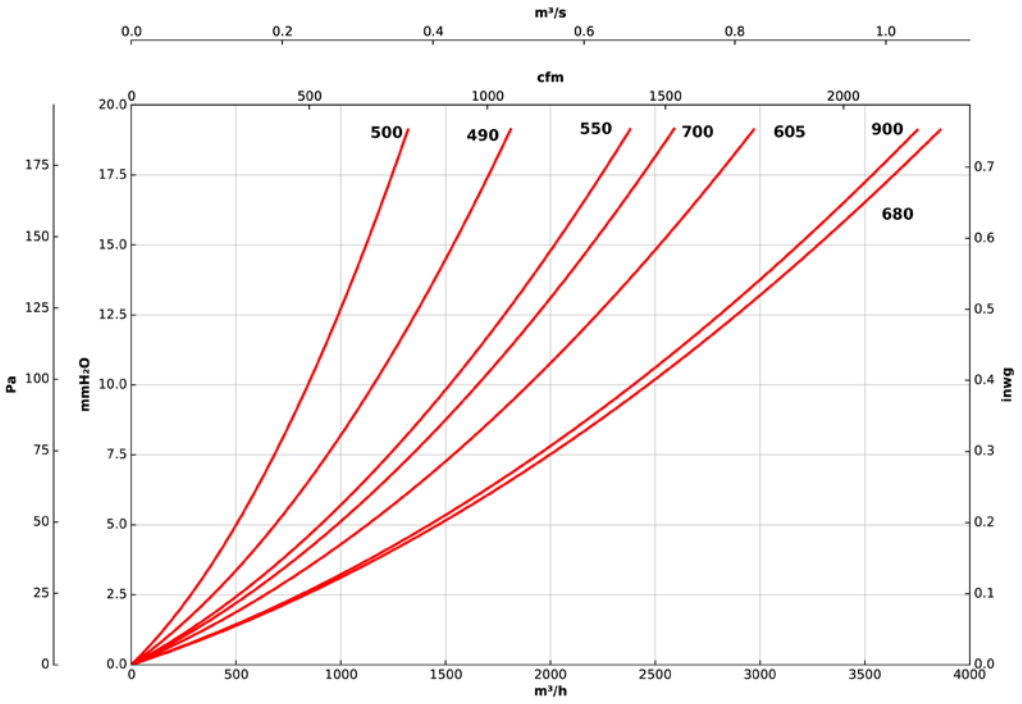
Filter modules: F7



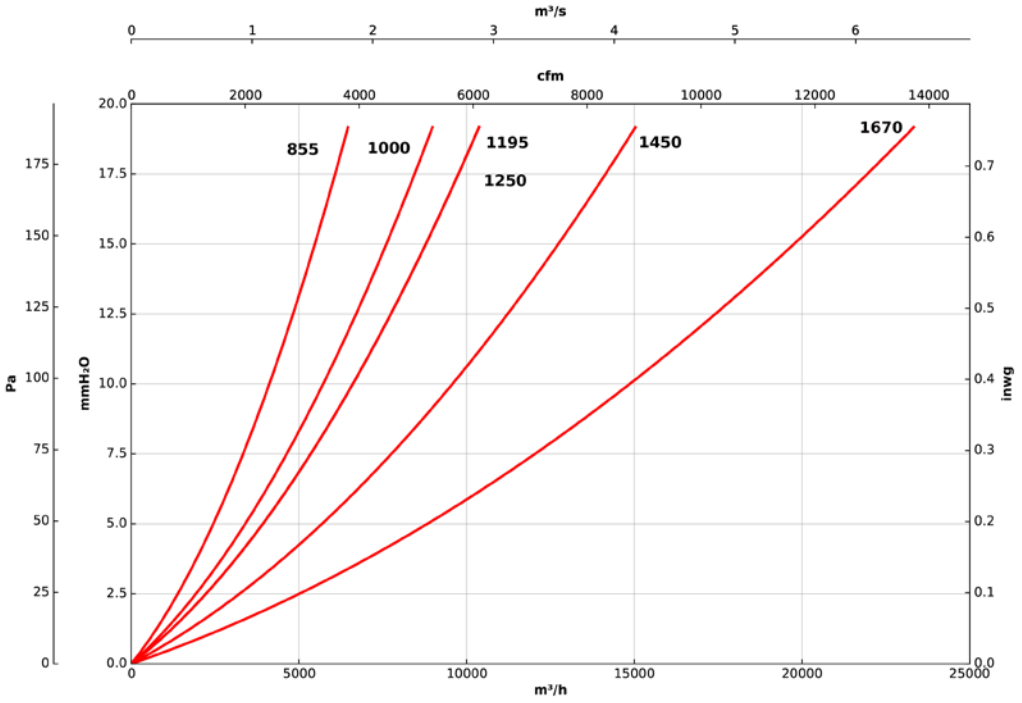
Load loss characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

Filter modules: F8



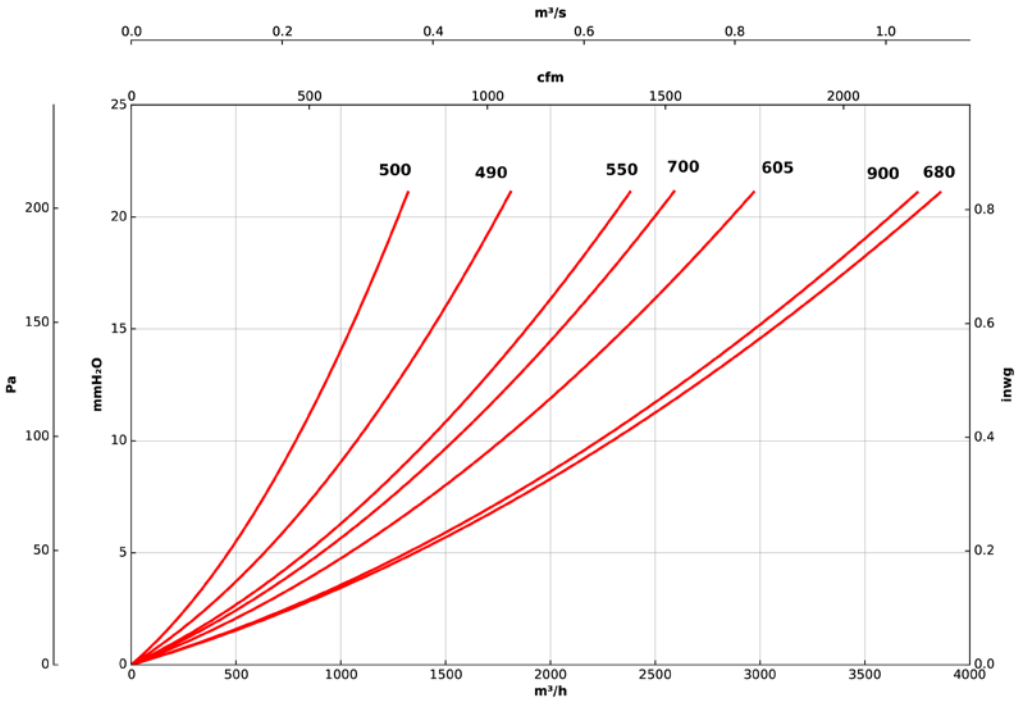
Filter modules: F8



Load loss characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

Filter modules: F9



Filter modules: F9