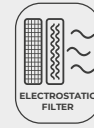


UFRX/ALS FE

Air purifying units with high efficiency electrostatic filters. To be used in oil/greasy applications



Air disinfection, purification and filter units with high efficiency electrostatic filters, specifically designed for cleaning and purifying indoor air in locations that contain a high amount of airborne greasy or suspended particulate matter.

Characteristics:

- Aluminium profile structure.
- Covers with a high quality, 25 mm thick acoustic casing made of prefinished sheet.
- Backward curved impeller.
- High efficiency (95% ePM1) electrostatic filter device.
- Filtration stages: washable filter and electrostatic filter.
- Inspection cover for filter maintenance and replacement.
- Grease-collection trays.
- Belt-driven.

- Glands for cable entry.
- Maximum temperature of air to be carried: -25 °C +50 °C.

Motor:

- IE3 efficiency motors.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

Finish:

- Aluminium profile and prefinished sheet, with 25 mm thick double-wall thermal and acoustic insulation panels.

On request:

- Circular outlet.

Order code

UFRX/ALS FE — **355** — **3**

UFRX/ALS FE: Air purifying units with high efficiency electrostatic filters. To be used in oil/greasy applications

Impeller diameter in mm

Motor power (HP)

Filter characteristics

ELECTROSTATIC FILTER	ePM ₁				
	95%	90%	80%	70%	
Filtration class EN 779	-	-	F9	F8	F7
Air speed (m/s)	1	2	2.5	3	4
Air flow capacity (%)	40	50	65	75	100
Pressure drop (Pa)	10	17	24	37	64

Technical characteristics

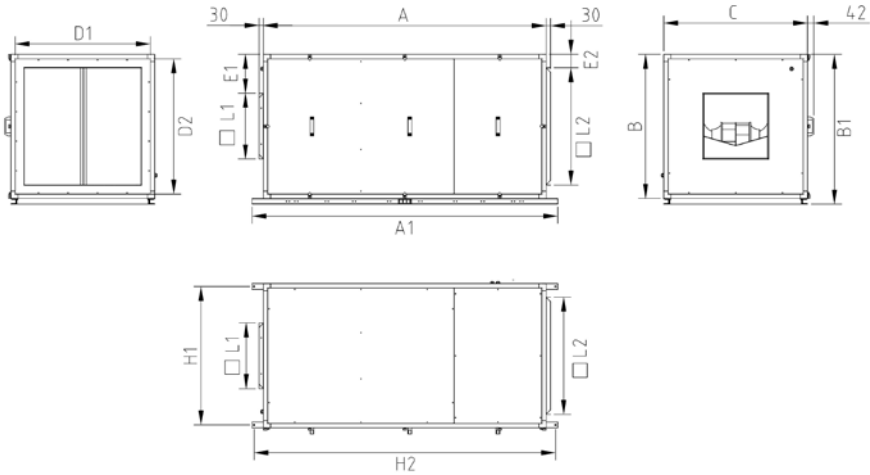
Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Minimum recommended flow (m ³ /h)	Maximum flow rate (m ³ /h)		Sound pressure level dB (A)	Air temperature (°C)		Approx. weight (Kg)
		230V	400V	690V			Grease particles	Dry particles		min.	max.	
UFRX/ALS FE-355-3 IE3	1930	7.93	4.56		2.20	1920	3675	4900	75	-25	+50	155
UFRX/ALS FE-400-4 IE3	1820	10.70	6.15		3.00	3360	6300	8400	75	-25	+50	196
UFRX/ALS FE-450-5.5 IE3	1670	13.90	8.00		4.00	3600	6990	9320	75	-25	+50	235
UFRX/ALS FE-500-7.5 IE3	1510		10.30	5.97	5.50	5200	10200	13600	76	-25	+50	302
UFRX/ALS FE-630-10 IE3	1135		13.90	8.06	7.50	7200	14625	19500	72	-25	+50	479



Erp. (Energy Related Products)

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

Dimensions mm

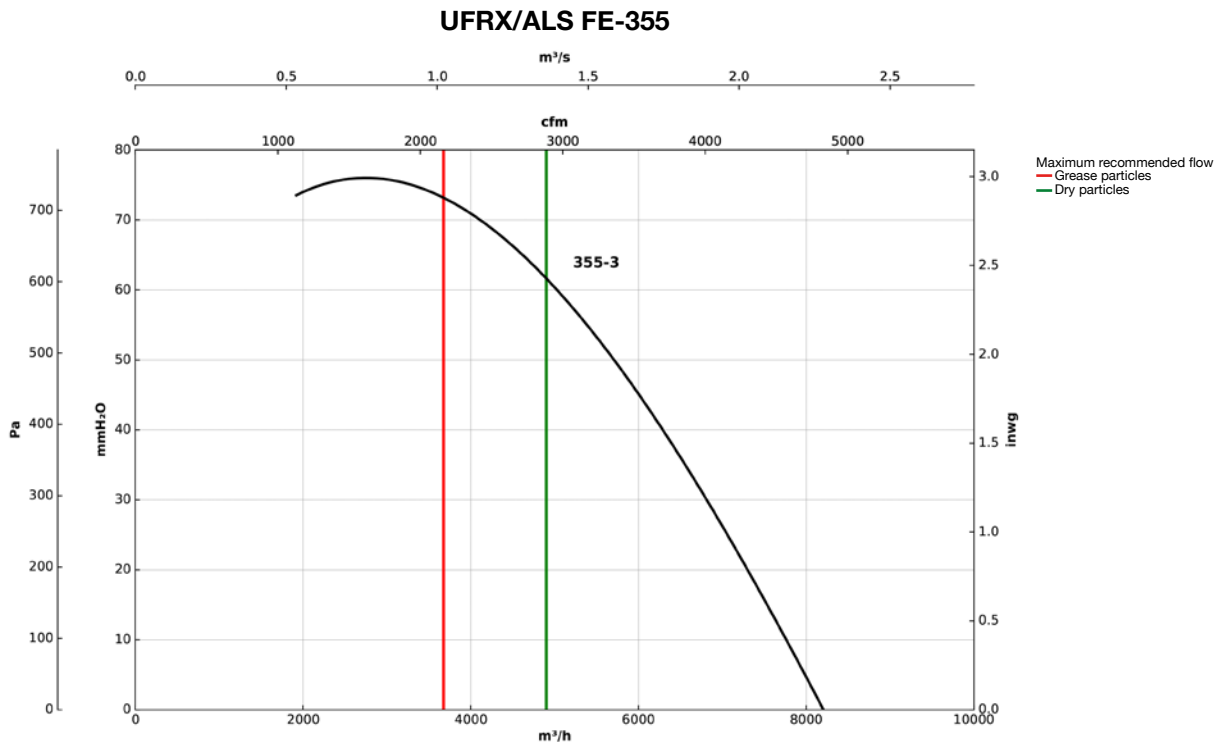


	A	A1	B	B1	C	D1	D2	E1	E2	H1	H2	L1	L2
UFRX/ALS FE-355	2005	2125	1000	1040	1000	940	940	270	90	960	2095	455	815
UFRX/ALS FE-400	2250	2370	1195	1235	1195	1115	1115	365	130	1155	2340	510	930
UFRX/ALS FE-450	2330	2450	1250	1290	1250	1170	1170	330	170	1210	2420	575	910
UFRX/ALS FE-500	2560	2680	1450	1490	1450	1370	1370	340	170	1410	2650	640	1110
UFRX/ALS FE-630	2710	2830	1670	1710	1670	1590	1590	420	140	1630	2800	805	1395

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

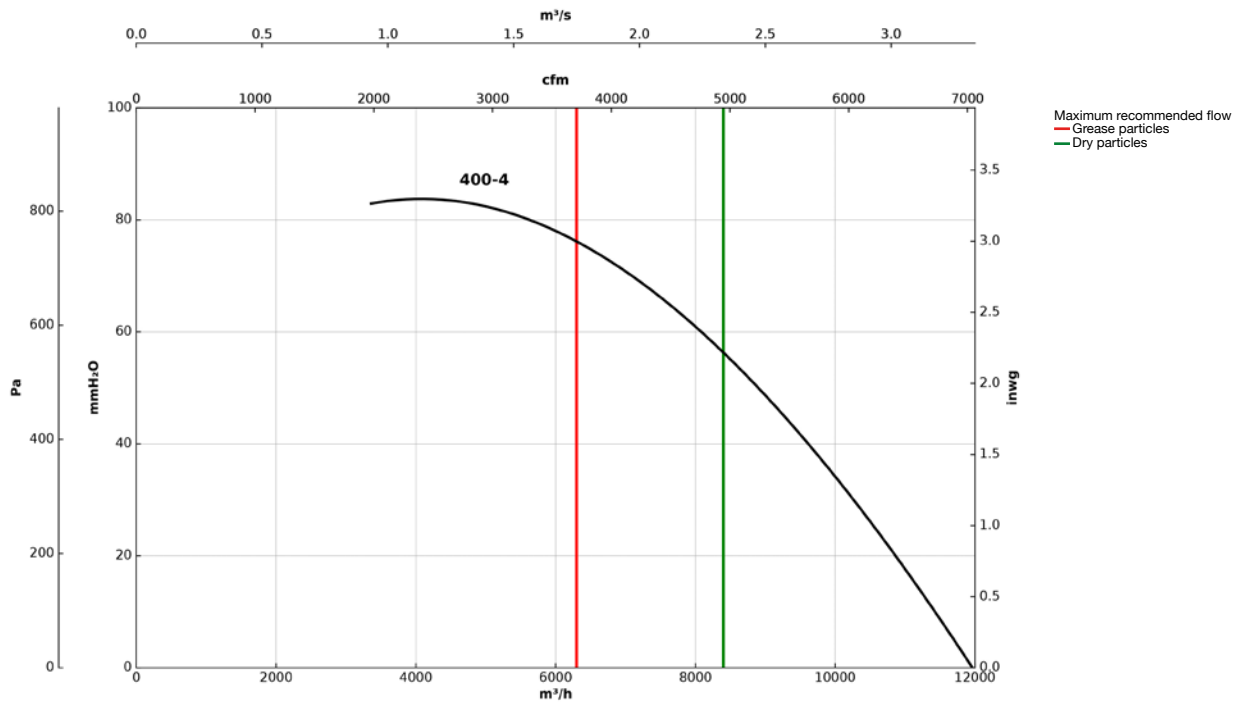


Characteristic curves

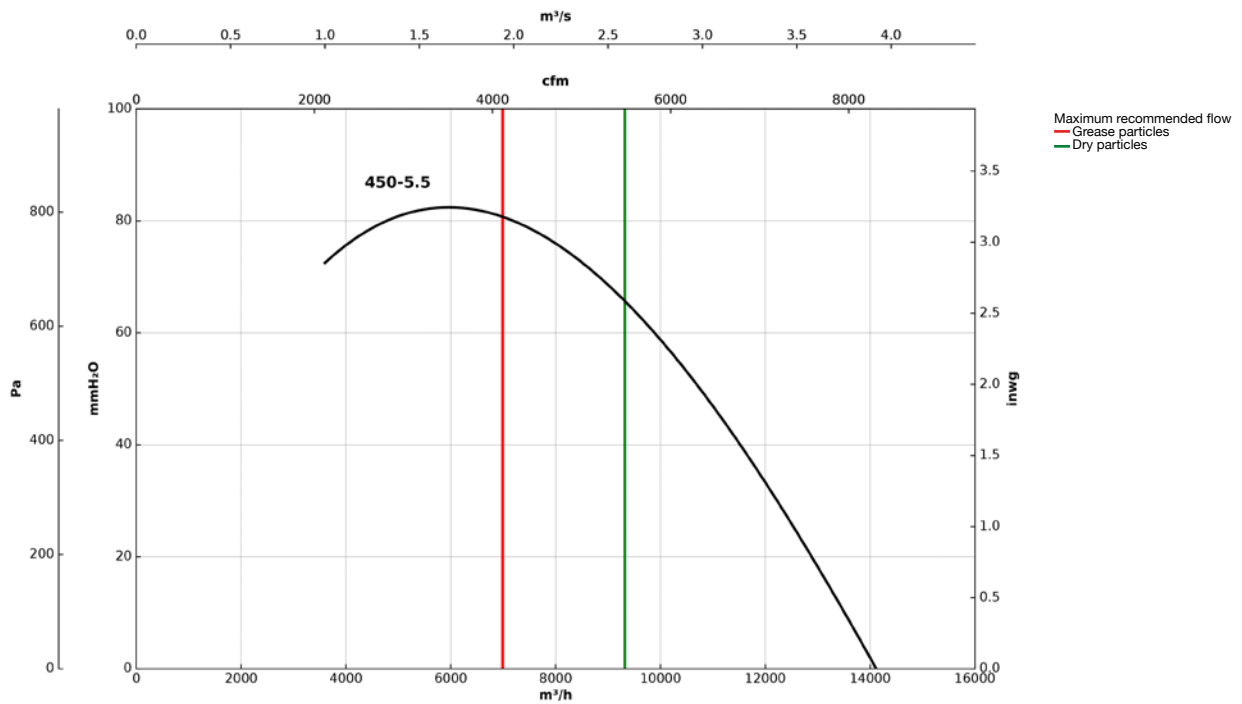
Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

UFRX/ALS FE-400



UFRX/ALS FE-450

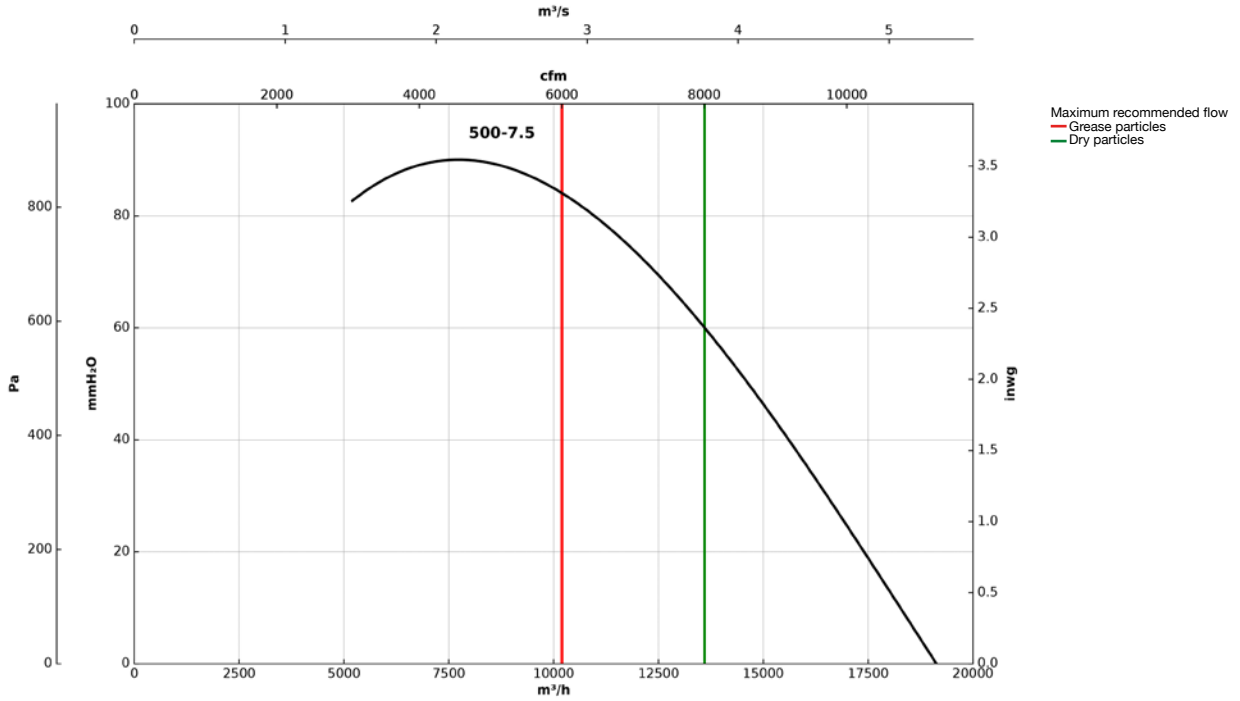


Characteristic curves

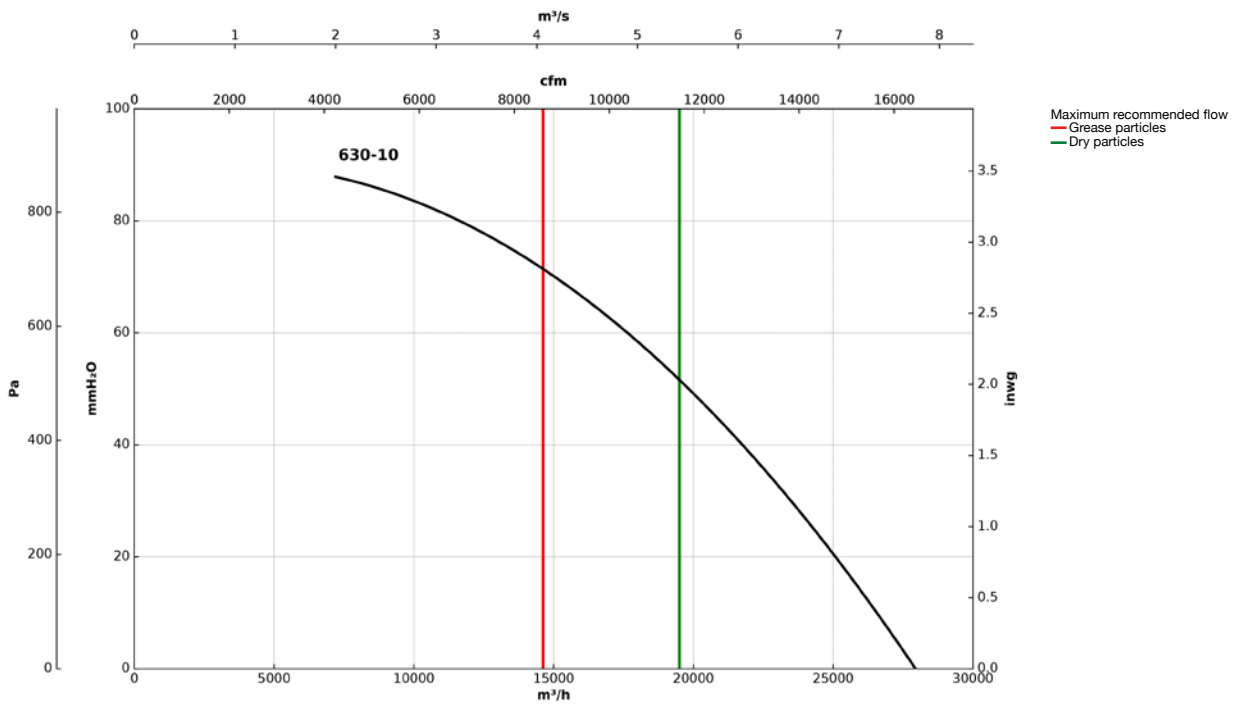
Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

UFRX/ALS FE-500



UFRX/ALS FE-630



Accessories



INT



VSD3/A-RFT
VSD1/A-RFM



AET



TEJ



VIS



MF



MFB



MCA



MFE



MPCO