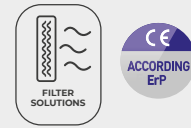


UFR

Acoustically insulated filtration units, backward curved impeller fans with different filtration stages depending on the model



- F6 + F8
- F7 + F9
- G4 + F6

Acoustically insulated filter units with sandwich panel equipped with high performance backward curved impeller fans and different filtration stages depending on the model.

Characteristics:

- Acoustically insulated structure.
- Direct driven.
- Air outlet, configurable on 4 sides.
- F6 + F8, F7 + F9 and G4 + F6 filters, depending on selected model.
- Possibility of pre-filter, plus two filtration stages.
- Easy access inspection and cleaning hatch.
- Pressure taps and pressure switches for filter control.

- High performance backward curved impeller in sheet steel.
- Built-in support bench.

Motor:

- Class F motors with ball bearings and IP55 protection.
- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Temperature of the air to be carried: -20 °C to +60 °C.

Finish:

- Anti-corrosive in galvanized steel sheet.

Construction:

- Galvanised sheet steel structure with acoustic insulation.



Order code



UFR: Acoustically insulated filtration units, backward curved impeller fans with different filtration stages depending on the model

Impeller size

Number of motor poles
4=1400 r/min 50 Hz
6=900 r/min 50 Hz

T = Three-phase

Combination filters

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum flow rate (m³/h)			N° Pré-filters		N° Filters		Approx. weight (Kg)	According ErP
		230V	400V	690V		Filters (F6+F8)	Filters (F7+F9)	Filters (G4+F6)	Whole*	Medium*	Whole*	Medium*		
UFR-1240-4T IE3	1430	3.34	1.93		0.75	3,245	3,185	3,005	1	0	1	0	107.5	2018
UFR-1850-4T IE3	1420	5.97	3.45		1.50	4,705	4,620	4,350	1	0	1	0	110	2018
UFR-2056-4T IE3	1430	8.38	4.84		2.20	7,680	7,580	7,235	1	2	1	2	168.5	2018
UFR-2056-6T IE3	935	3.77	2.18		0.75	5,325	5,250	5,010	1	2	1	2	163	2018
UFR-2263-4T IE3	1460		11.03	6.37	5.50	11,995	11,680	11,375	1	2	1	2	221.5	2018
UFR-2263-6T IE3	950	5.23	3.02		1.10	7,200	7,100	7,000	1	2	1	2	177.5	2018
UFR-2071-4T IE3	1460		20.64	11.92	11.00	15,045	14,535	14,060	1	2	1	2	265	2018
UFR-2071-6T-3 IE3	940	9.28	5.36		2.20	9,175	8,990	8,810	1	2	1	2	195	2018
UFR-2071-6T-5.5 IE3	970	16.35	9.44		4.00	10,130	9,770	9,440	1	2	1	2	241.5	2018
UFR-2880-6T IE3	970	16.35	9.44		4.00	11,500	11,165	10,845	1	2	1	2	242	2018

*Pre-filter dimensions: Whole: 585x585x48. Medium: 290x585x48

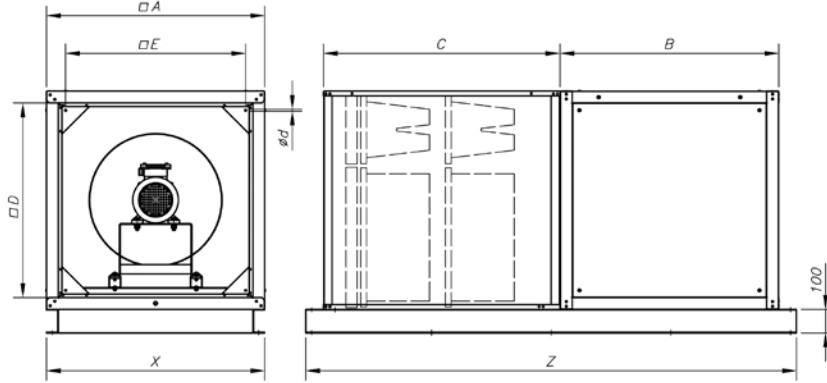
*Filter dimensions: Whole: 593x593x292. Medium: 288x593x292



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	B	C	D	E	Ø d	X	Z
UFR-1240-4T	800	800	950	700	640	M6	800	1906
UFR-1850-4T	800	800	950	700	640	M6	800	1906
UFR-2056-4T	925	925	1000	823	763	M6	925	2081
UFR-2056-6T	925	925	1000	823	763	M6	925	2081
UFR-2263-4T	1000	1000	1000	960	838	M6	1000	2156
UFR-2263-6T	925	925	1000	960	763	M6	925	2081
UFR-2071-4T	1060	1060	1000	960	900	M6	1060	2216
UFR-2071-6T	1000	1000	1000	960	838	M6	1000	2156
UFR-2071-6T-5,5	1060	1060	1000	960	900	M6	1060	2216
UFR-2880-6T	1060	1060	1000	960	900	M6	1060	2216

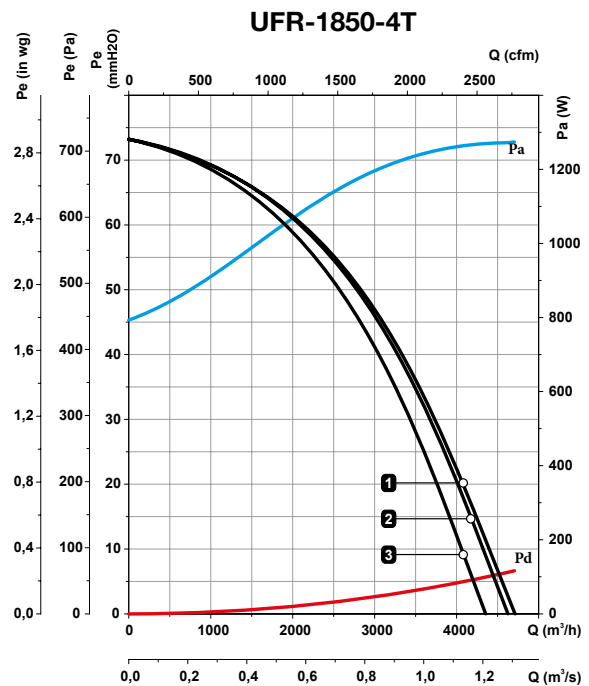
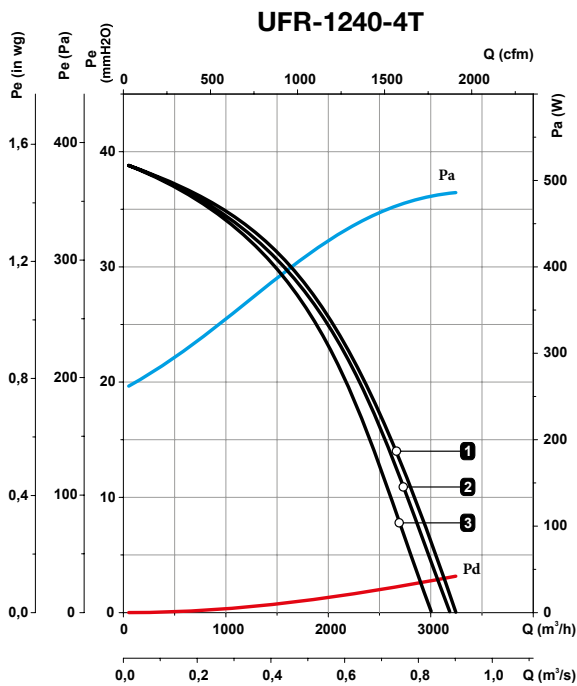
Characteristic curves

Equipment curve according to built-in filters **1** F6+F8 **2** F7+F9 **3** G4+F6

Static pressure

Dynamic pressure

Absorbed power



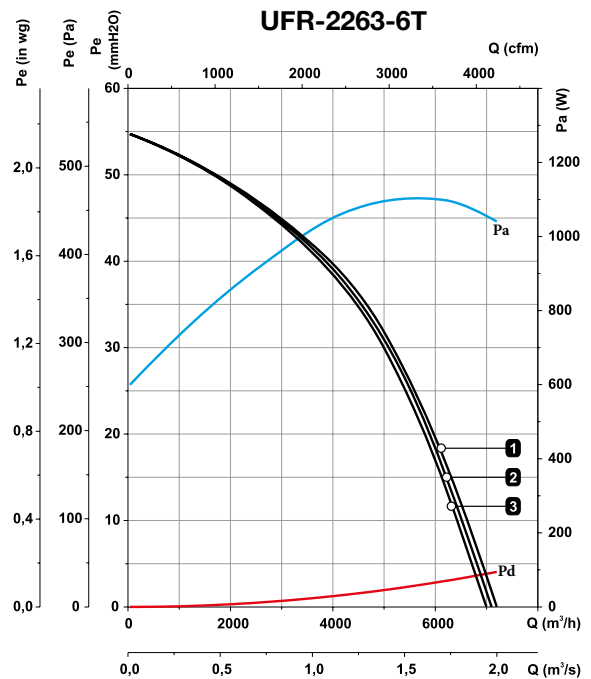
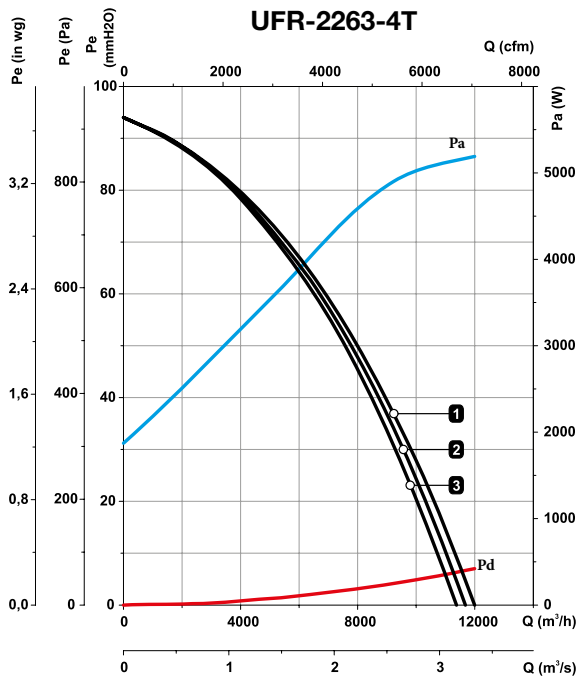
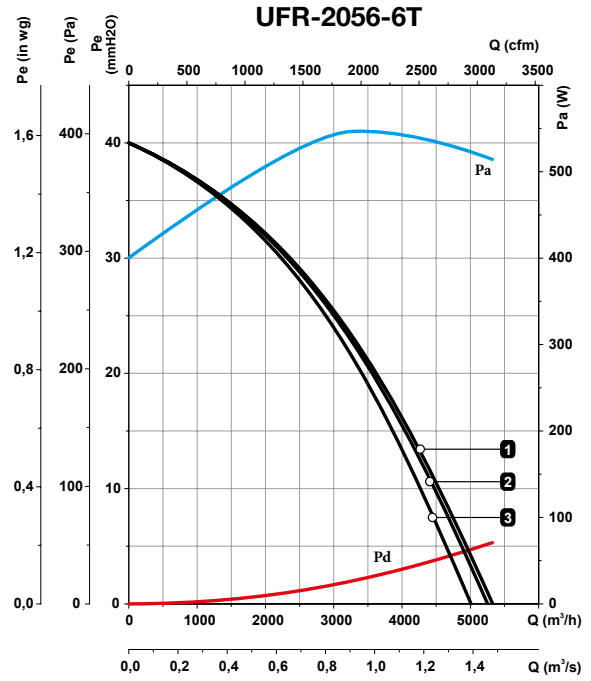
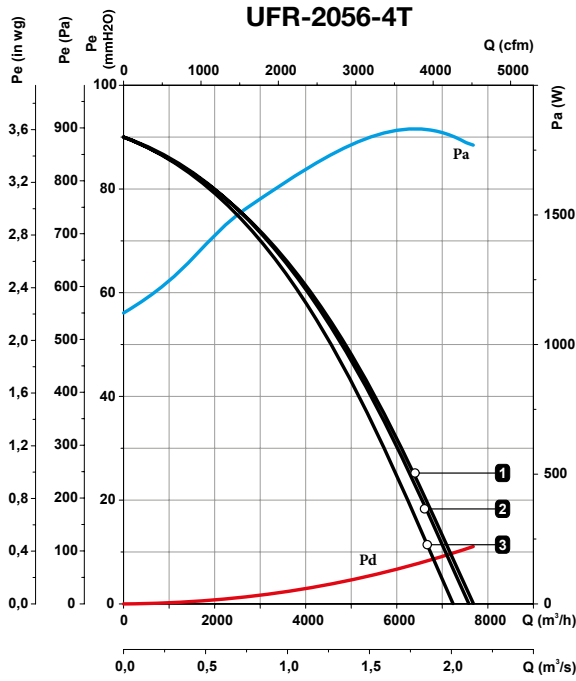
Characteristic curves

Equipment curve according to built-in filters **1** F6+F8 **2** F7+F9 **3** G4+F6

Static pressure

Dynamic pressure

Absorbed power



Accessories



FILTROS



CJFILTER



SI-PRESOSTATO



SI-PRESIÓN



KIT CAUDAL
CONSTANTE



SONDA PRESIÓN
DIFERENCIAL



INT



VIS

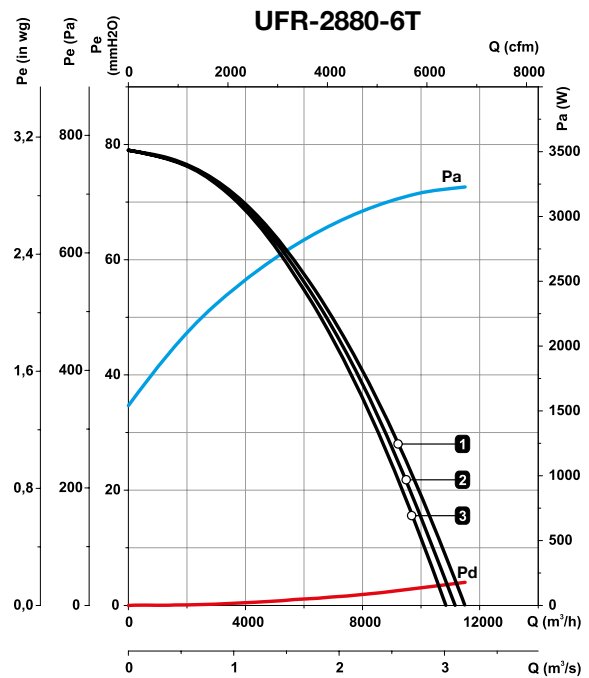
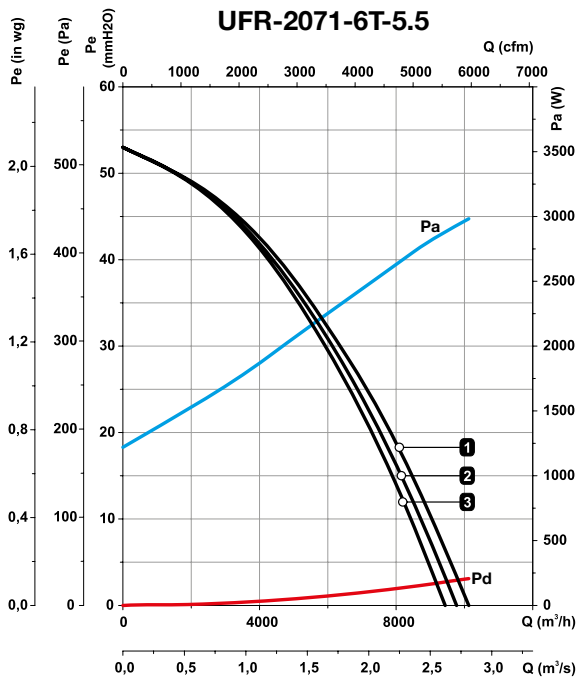
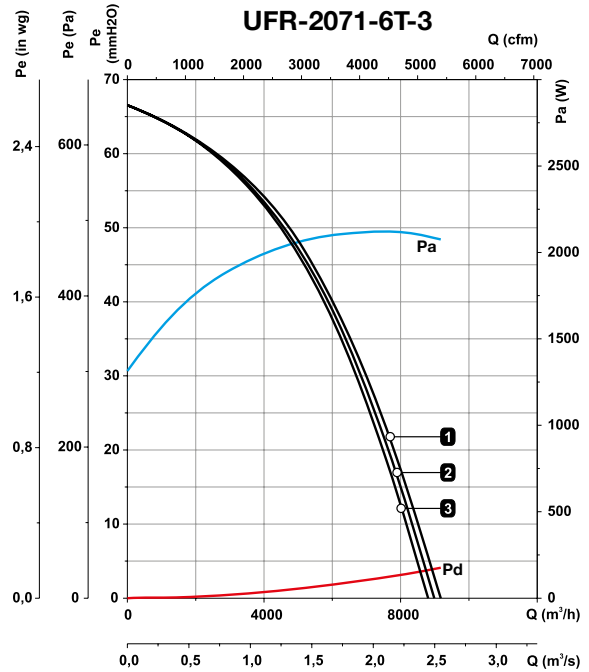
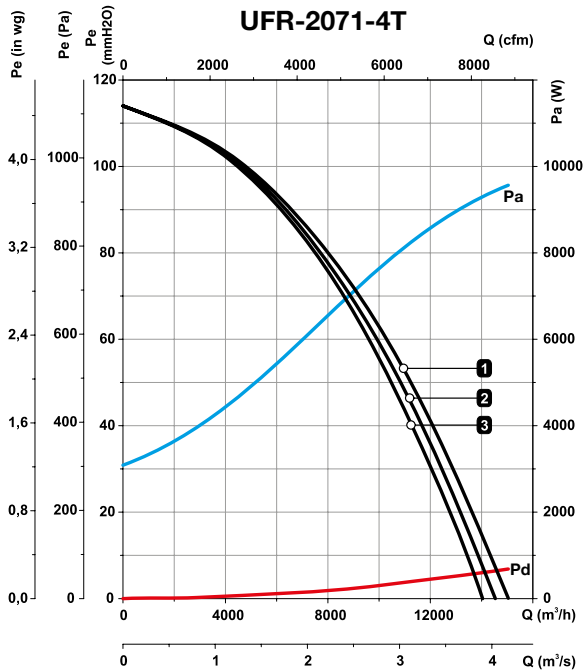
Characteristic curves

Equipment curve according to built-in filters **1** F6+F8 **2** F7+F9 **3** G4+F6

Static pressure

Dynamic pressure

Absorbed power



Accessories



TEJ



BS



SB