

PRF Series

Rectangular Type Centrifugal Fans With External Motor



190 °C

Fan:

- Galvanised sheet steel structure.
- Impeller with reaction blades made of sheet steel.
- Approved in accordance with standard EN 12101-3. with certificate no.: 0370-CPR-0594.
- Linear air flow direction.

Motor:

- Class F motors with ball bearings. IP55 protection and with 1 or 2 speeds. depending on model.
- IE3 efficiency motors for powers equal to or greater than 0.75kW except single-phase. 2-speed and 8-pole.
- Three-phase 230/400V-50Hz (up to 4kW) and 400/690V-50Hz (powers higher than 4kW).
- Maximum temperature of air to be carried:
S1 continuous operation -20°C +120°C.

Finish:

- Anticorrosive galvanised sheet steel.

On request:

- Extractor fans with 2-speed motors.

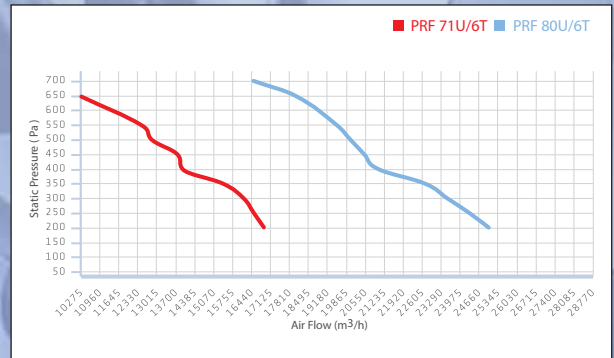
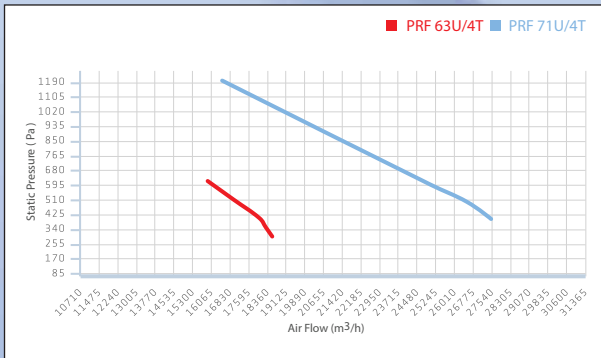
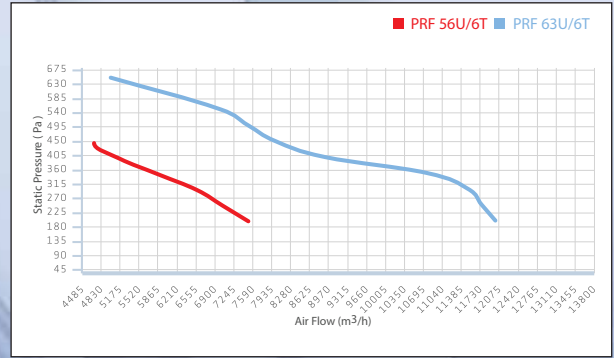
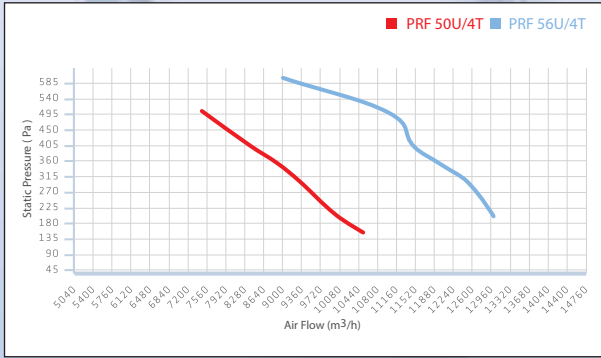
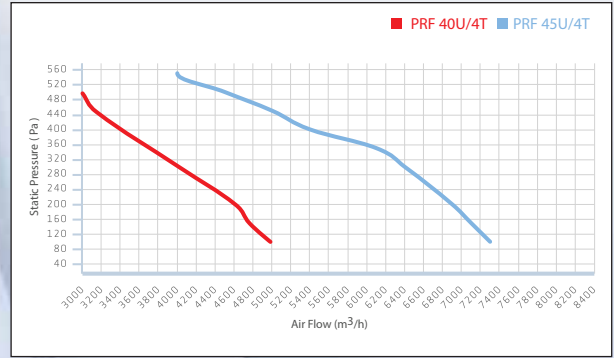
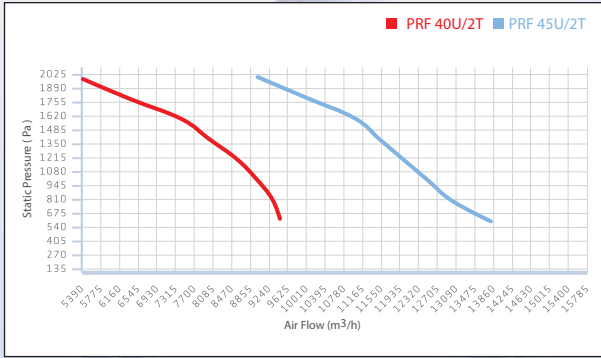
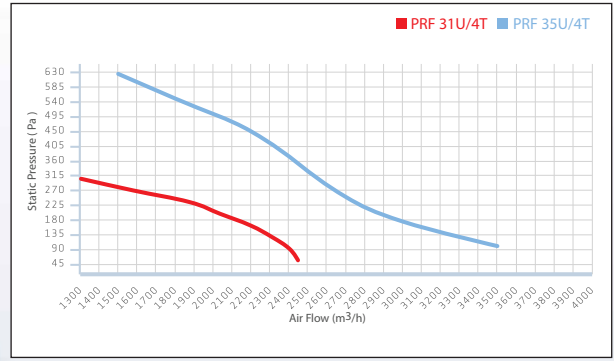
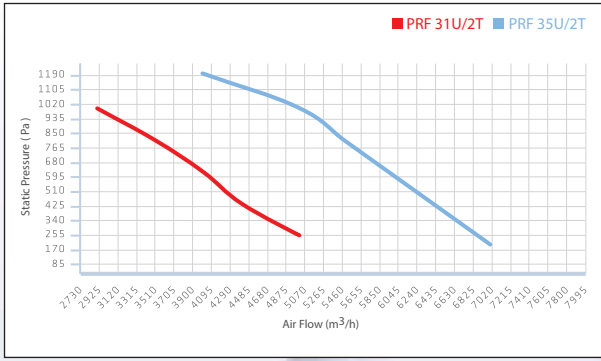
TECHNICAL SPECIFICATIONS

MODEL	MAX. AIR FLOW (m ³ /h)	WATT	SOUND (dBA)	AMPER	RPM (dk)	DIMENSIONS (cm)
31B/4T	2450	0,25	70	0,80	1450	60 x 40
35B/4T	3500	0,37	74	1,20	1450	60 x 40
40B/4T	5000	0,75	76	2,10	1450	60 x 40
45B/4T	7300	1,50	80	2,20	1450	90 x 60
50B/4T	10500	2,20	84	2,20	1450	90 x 60
56B/4T	13000	3,00	88	3,00	1450	90 x 60
63B/4T	18500	4,00	92	4,00	1450	120 x 80
71B/4T	27500	7,50	94	7,50	1450	120 x 80
31B/2.T	5000	1,10	84	1,10	2950	60 x 40
35B/2.T	7000	2,20	88	2,20	2950	60 x 40
40B/2.T	9500	4,00	92	4,00	2950	60 x 40
45B/2.T	13800	7,50	96	7,50	2950	90 x 60
56B/6T	7500	1,50	80	1,50	1000	90 x 60
63B/6T	12000	2,20	82	2,20	1000	120 x 80
71B/6T	17000	3,00	84	3,00	1000	120 x 80
80B/6T	25000	4,00	87	4,00	1000	1400 x 1000

AIR FLOW PERFORMANCE DATA

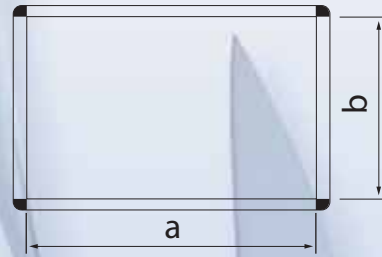
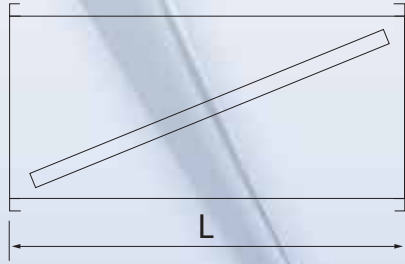
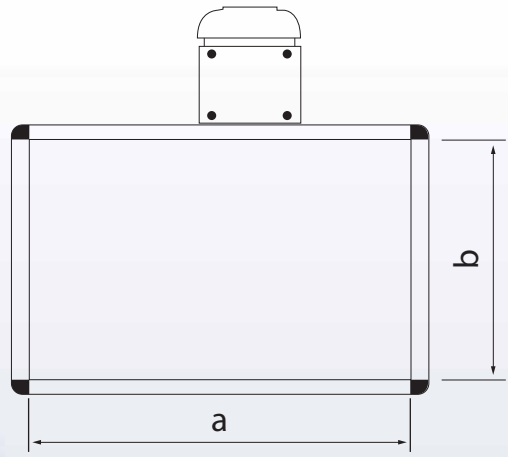
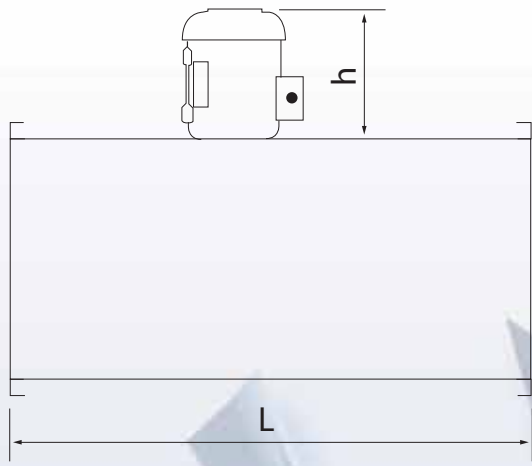
MODEL	AIR FLOW PERFORMANCE DATA/ PA / (m ³ /h)									
	50	100	150	200	300	350	400	500	600	1200
PRF 31B/4T	2450	2200	2000	1850	1000	-	-	-	-	-
PRF 35B/4T	-	3500	3000	2700	2200	1500	-	-	-	-
PRF 40B/4T	-	5000	4700	4500	3700	3400	-	-	-	-
PRF 45B/4T	-	7300	7100	6900	6400	6100	5700	-	-	-
PRF 50B/4T	-	-	10500	10000	9300	8900	8400	7500	-	-
PRF 56B/4T	-	-	-	13000	12500	12000	11500	11000	9000	-
PRF 63B/4T	-	-	-	-	18500	18500	18000	17000	16000	-
PRF 71B/4T	-	-	-	-	-	-	27500	26500	25000	16500
2950 d/d	200	400	600	800	1000	1200	1400	1600	1800	2000
PRF 31B/2.T	5000	4400	4000	3500	2900	-	-	-	-	-
PRF 35B/2.T	7000	6500	6000	5500	5000	4000	-	-	-	-
PRF 40B/2.T	-	-	9500	9300	8900	8400	7700	7000	5700	4500
PRF 45B/2.T	-	-	13800	1300	12500	12000	11500	11000	10000	9000
1000 d/d	200	250	300	350	400	450	500	550	650	700
PRF 56B/6T	7500	7000	6500	5750	5000	4500	-	-	-	-
PRF 63B/6T	12000	11750	11500	10750	8900	8900	7500	7000	5000	-
PRF 71B/6T	17000	16500	16000	15000	13000	13000	11500	11000	8000	-
PRF 80B/6T	25000	24300	23500	22700	21000	21000	20000	19500	18000	16500

TECHNICAL SPECIFICATIONS



DIMENSIONS

MODEL	DIMENSIONS/ mm				FILTER DIMENSIONS / mm		
	a	b	L	h	a	b	L
PRF 31B/2/4/6	600	400	600	270	600	400	400
PRF 35B/2/4/6	600	400	600	300	600	400	400
PRF 40B/2/4/6	600	400	600	325	600	400	400
PRF 45B/2/4/6	800	500	800	340	800	500	400
PRF 50B/2/4/6	900	600	840	375	900	600	600
PRF 56B/2/4/6	900	600	840	390	900	600	600
PRF 63B/2/4/6	900	600	840	430	900	600	600
PRF 71B/4/6	1200	800	840	380	1200	800	600
PRF 80B/4/6	1200	800	1070	430	1200	800	800



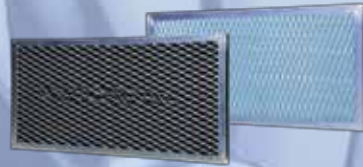
ACCESSORIES



Silencer



Active Carbon Filter



Iron Grease Filter