



Roof exhaust units type KRFI EC

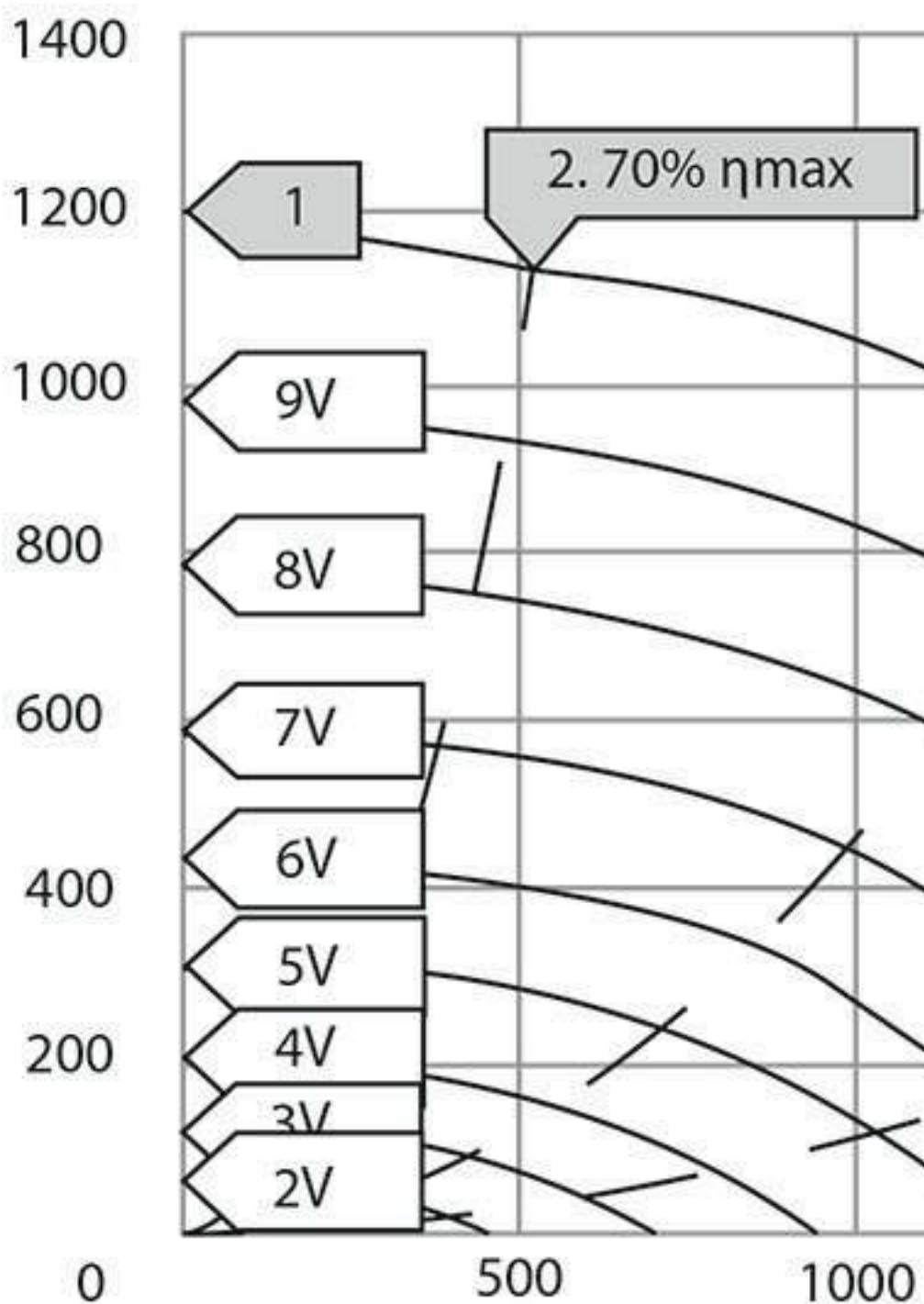
Application

- These fans are used for ventilation of industrial kitchens and for air extraction up to 120°C

Air performance data										
	Q (m³/h)									
	50 Pa	100 Pa	150 Pa	200 Pa	250 Pa	300 Pa	400 Pa	500 Pa	600 Pa	700 Pa
KRFI 225 EC 30	2326	2290	2249	2202	2149	2091	1976	1888	1807	1702
KRFI 250 EC 30	2640	2591	2541	2494	2449	2408	2323	2224	2097	1941
KRFI 280 EC 30	3168	3097	3022	2948	2879	2813	2675	2518	2340	2117
KRFI 315 EC 30	4023	3971	3916	3858	3799	3744	3637	3527	3397	3249
KRFI 355 EC 30	5448	5324	5179	5034	4906	4802	4630	4490	4239	4008
KRFI 400 EC 30	5561	5462	5348	5222	5094	4968	4716	4425	4016	3593
KRFI 450 EC 30	7076	6873	6648	6416	6190	5977	5580	5117	4573	3806

Selection curves

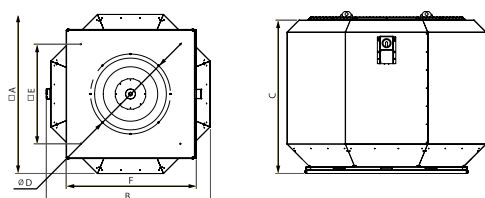
psf [Pa] KRFI-SN 225 EC 30



Roof fans

Technical data												
	U [V]	P [W]	I [A]	SCP	η _t [%]	t _m [°C]	t _u [°C]	t _o [°C]	n [rpm]	Lwa [dB(A)]		
										Lwa 5	Lwa 6	Lwa 2
KRFI 225 EC 30	1 x 230	662	3.1	MTP010	52.4	120	40	-20	3998	86	84	-
KRFI 250 EC 30	1 x 230	770	3.6	MTP010	49.9	120	40	-20	3640	89	87	-
KRFI 280 EC 30	1 x 230	796	3.7	MTP010	54.5	120	40	-20	3000	87	86	-
KRFI 315 EC 30	1 x 230	1329	9.6	MTP010	53.5	120	50	-20	3100	91	89	-
KRFI 355 EC 30	1 x 230	1418	10.1	MTP010	59	120	50	-20	2550	88	86	-
KRFI 400 EC 30	1 x 230	1196	8.8	MTP010	56.6	120	50	-20	2000	86	87	-
KRFI 450 EC 30	1 x 230	1240	8.9	MTP010	59.9	120	50	-20	1640	86	83	-

- SC_T = Speed controller
- η_t = Maximum total efficiency
- t_m = Maximum air temperature
- t_u = Maximum ambient temperature
- t_o = Minimum operating temperature
- Lwa 2 = Casing sound power level
- Lwa 5 = Sound power level @inlet
- Lwa 6 = Sound power level @outlet
- The sound power levels are measured according to DIN 45635 part 2 & 38
- * Not available anymore



Dimensions							
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	[kg]
KRFI 225 EC 30	534	553	482	Ø213 - (6x) M6x15	245	335	28
KRFI 250 EC 30	534	553	482	Ø213 - (6x) M6x15	245	335	28.5
KRFI 280 EC 30	651	655	512	Ø286 - (6x) M6x15	330	435	36.7
KRFI 315 EC 30	651	655	512	Ø286 - (6x) M6x15	330	435	48.6
KRFI 355 EC 30	804	-	565	Ø438 - (6x) M6x15	450	595	60.9
KRFI 400 EC 30	804	-	565	Ø438 - (6x) M6x15	450	595	62.8
KRFI 450 EC 30	984	-	737	Ø438 - (6x) M6x15	535	668	103.4