

NEW



TORRETTE RF-EU RANGE

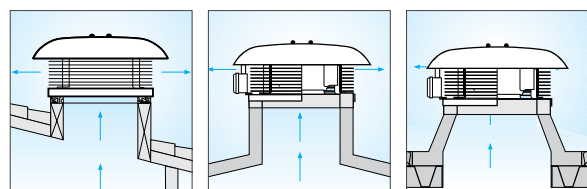
Centrifugal roof fans with horizontal discharge

Suitable for residential and industrial applications as factories, hospitals, nightclubs, offices, theatres, apartment blocks, gyms, restaurants, etc...

Easy to install on top of all roofs.



- **17 models: 6 single-phase and 11 three-phase.**
- Induction motors (single and three phase) of external rotor design, equipped with thermal overload cutouts and mounted on ball bearings.
- Centrifugal impellers, plastic or aluminium made with self-cleaning backward-curved blades.
- Sheet steel motor cover, pickled and phosphated with polyester powder coated finish, colour metallic grey.
- Protective safety and bird-stop grille, fashioned from electrically welded steel rings with galvanizing treatment.
- Protection rating motor IP44 (models M10, M15, M20, T10, T15); IP54 (models M30, M50, M70, T20, T30, T50, T70, T100 4P-6P-8P, T150 6P).
- Operating temperatures: -15°C to +40°C for models T10, T20, T70 6P, T100 6P; -20°C to +40°C for models M30, M50, M70, T15, T30, T50, T70 4P, T100 4P, T100 8P, T150; -30°C a +40°C for models M10, M15, M20.
- Motor insulation class F.
- Insulation class: I. Ⓢ



Wiring diagrams shown from page 458

TECHNICAL DATA

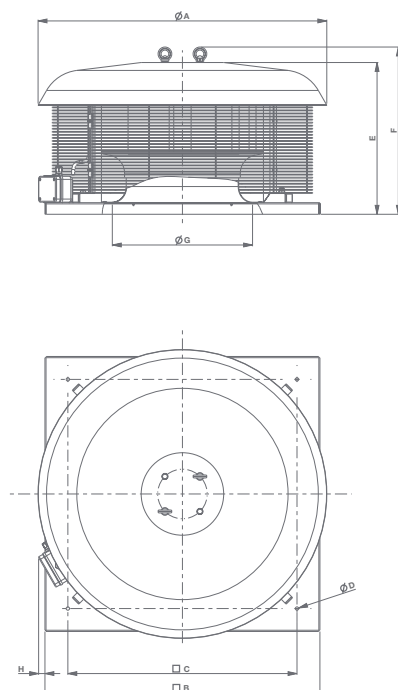
	Models	Code	W	A	Phase	POLES	RPM	Max Airflow		Max Pressure		Lp dB(A)*	Lw dB(A)	Max °C
							m³/h	l/s	mmH₂O	Pa				
Single-phase	RF-EU M10 4P	15120	92	0.41	1	4	1345	1365	379	18.8	184	35.8	56.3	40
	RF-EU M15 4P	15121	118	0.56			1400	1440	400	22.8	223	28.3	48.8	
	RF-EU M20 4P	15122	150	0.66			1395	2150	597	28.7	281	34.1	54.6	
	RF-EU M30 4P	15123	500	2.33			1370	4000	1111	43.7	428	43.6	64.1	
	RF-EU M50 4P	15124	470	2.14			1328	3900	1083	50.6	496	39.7	60.2	
	RF-EU M70 4P	15125	906	4.42			1310	6700	1861	44.4	435	47.2	67.7	
Three-phase	RF-EU T10 4P	15126	93	0.21	3		1367	1350	375	20.7	203	30.5	51.0	
	RF-EU T15 4P	15127	137	0.28			1387	1810	503	25.9	254	37.7	58.2	
	RF-EU T20 4P	15128	258	0.49			1395	2980	828	37.2	365	36.6	57.1	
	RF-EU T30 4P	15129	523	1.04			1400	4100	1139	54.9	538	38.7	59.2	
	RF-EU T50 4P	15130	700	1.44			1400	5100	1417	66.1	648	50.3	70.8	
	RF-EU T70 4P	15131	853	1.63			1370	5850	1625	66.2	649	49.1	69.6	
	RF-EU T70 6P	15132	721	1.57			900	8100	2250	40.7	399	43.8	64.3	
	RF-EU T100 4P	15133	2700	4.92			1430	13100	3639	98.0	961	58.3	78.8	
	RF-EU T100 6P	15134	1210	2.60		6	910	12000	3333	51.8	508	46.9	67.4	
	RF-EU T100 8P	15135	830	1.85			650	11000	3055	30.9	303	43.5	64.0	
	RF-EU T150 6P	15136	1990	3.85	890		14500	4028	56.0	549	46.1	66.6		

* The sound pressure values conform to standard ISO 9614-3.

Electric supply: 230 V ~ 50 Hz (Single-phase)
400 V ~ 50 Hz (Three-phase).









DIMENSIONS






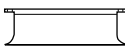

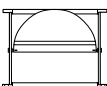
Models	Ø A	∕B	∕C	Ø D	E	F	Ø G	H	Kg	
RF-EU M10 4P	540	410	357	11	215	254	242	69	13.9	
RF-EU M15 4P					255	293	235		14.8	
RF-EU M20 4P					281	320	261		15.5	
RF-EU M30 4P	720	550	500		358	397	325	76	29.1	
RF-EU M50 4P					328	366			31.3	
RF-EU M70 4P					455	506	410		32	
RF-EU T10 4P	540	410	357		256	295	235	69	15	
RF-EU T15 4P					282	321	255		16.2	
RF-EU T20 4P					327	366	292		26.3	
RF-EU T30 4P	328	325	29.3							
RF-EU T50 4P	720	550	500		330	369	362		32.2	
RF-EU T70 4P					366	405			33	
RF-EU T70 6P					945	900	750	497	548	460
RF-EU T100 4P	490	540	456					60		
RF-EU T100 6P	535	586	510					66		
RF-EU T100 8P	595	646	576					81		
RF-EU T150 6P								81		

Dimensions (mm)

PRODUCT ACCESSORIES

Models		Code	Product																
			RF-EU M10 4P code 15120	RF-EU M15 4P code 15121	RF-EU M20 4P code 15122	RF-EU M30 4P code 15123	RF-EU M50 4P code 15124	RF-EU M70 4P code 15125	RF-EU T10 4P code 15126	RF-EU T15 4P code 15127	RF-EU T20 4P code 15128	RF-EU T30 4P code 15129	RF-EU T50 4P code 15130	RF-EU T70 4P code 15131	RF-EU T70 6 code 15132	RF-EU T100 4P code 15133	RF-EU T100 6P code 15134	RF-EU T100 8P code 15135	RF-EU T150 6P code 15136
	IRM 30 Three position single-phase speed controller	12921	●	●	●														
	IRM 40 Three position single-phase speed controller	12922				●	●												
	IRM 50 Three position single-phase speed controller	12928						●											
	IRT 15 Three position three-phase speed controller	12923							●	●	●								
	IRT 35 Three position three-phase speed controller	12924										●	●	●	●			●	
	IRT 40 Three position three-phase speed controller	12927																●	●
	IREM 3 Single-phase speed controller	12931	●	●	●	●	●												
	IREM 9** Single-phase speed controller	12933	●	●	●	●	●												
	IRET 3 Single-phase speed controller	12834							●	●	●	●	●	●	●		●	●	
	IRET 6 Three-phase speed controller	12934																	●
	C 1.5 Electronic speed controller	12966	●	●	●														

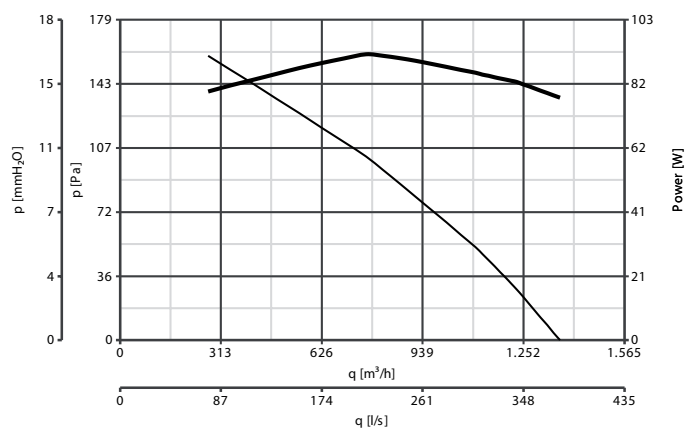
** Used for simultaneous control of multiple appliances up to a maximum 9A.

Models		Code	Product																
			RF-EU M10 4P code 15120	RF-EU M15 4P code 15121	RF-EU M20 4P code 15122	RF-EU M30 4P code 15123	RF-EU M50 4P code 15124	RF-EU M70 4P code 15125	RF-EU T10 4P code 15126	RF-EU T15 4P code 15127	RF-EU T20 4P code 15128	RF-EU T30 4P code 15129	RF-EU T50 4P code 15130	RF-EU T70 4P code 15131	RF-EU T70 6 code 15132	RF-EU T100 4P code 15133	RF-EU T100 6P code 15134	RF-EU T100 8P code 15135	RF-EU T150 6P code 15136
	IREM INVERTER 4 M Single-phase speed controller	12815	●	●	●	●	●												
	IREM INVERTER 6 M Single-phase speed controller	12818						●											
	IRET INVERTER 2.5 M Three-phase speed controller	12816							●	●	●	●	●	●	●		●	●	
	IRET INVERTER 5 M Three-phase speed controller	12817														●			●
	POTENTIOMETER	12819		For INVERTERS codes 12815 - 12818 - 12816 - 12817															
	TR-CU 10/15 Sub frame	22511	●	●	●				●	●									
	TR-CU 20/30/50 Sub frame	22512				●	●	●			●	●	●	●					
	TR-CU 70/100 4P Sub frame	22539														●	●	●	●
	TR-B 20/30/50 Suction connector	22610	●	●	●				●	●									
	TR-B 70/100 4P Suction connector	22508				●	●	●			●	●	●	●					
	TR-B 100 6P-8P/150/180/210 Suction connector	22509													●	●	●	●	●
	TR-G 20/30/50 Protection grille	22710	●	●	●				●	●									
	TR-G 70/100 4P Protection grille	22506				●	●	●			●	●	●	●					
	TR-G 100 6P-8P/150/180/210 Protection grille	22507													●	●	●	●	●
	TR-S 20/30/50 Backdraught shutter	22510	●	●	●				●	●									
	TR-S 70/100 Backdraught shutter	22541				●	●	●			●	●	●	●					
	TR-S 100/150 Backdraught shutter	22542													●	●	●	●	●

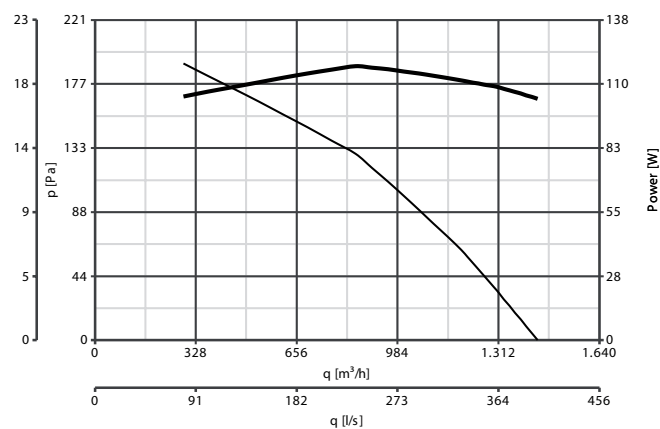
Description and sizes on page 325; System components on page 300.

PERFORMANCE CURVES

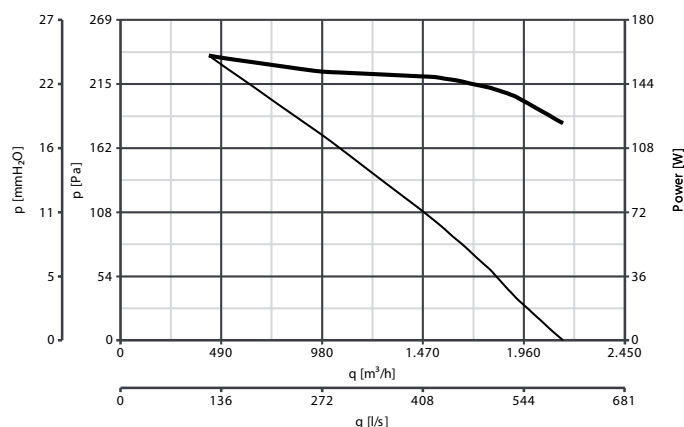
RF-EU M10 4P code 15120



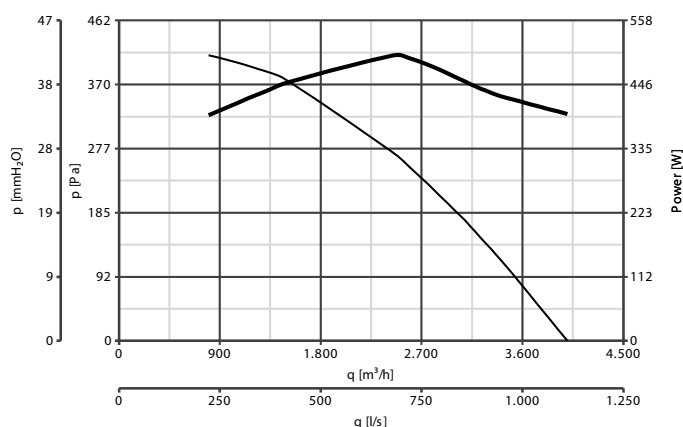
RF-EU M15 4P code 15121



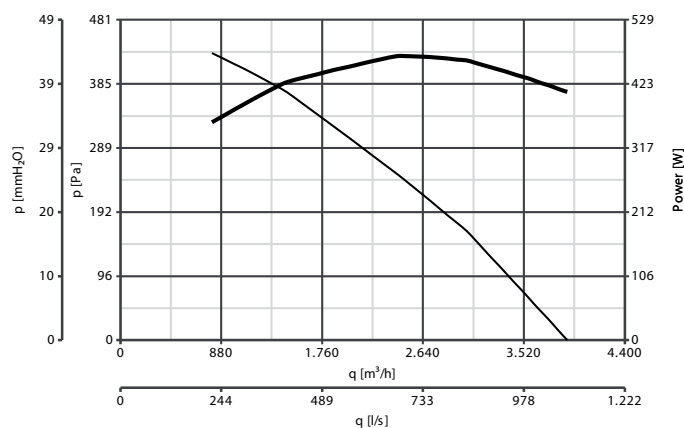
RF-EU M20 4P code 15122



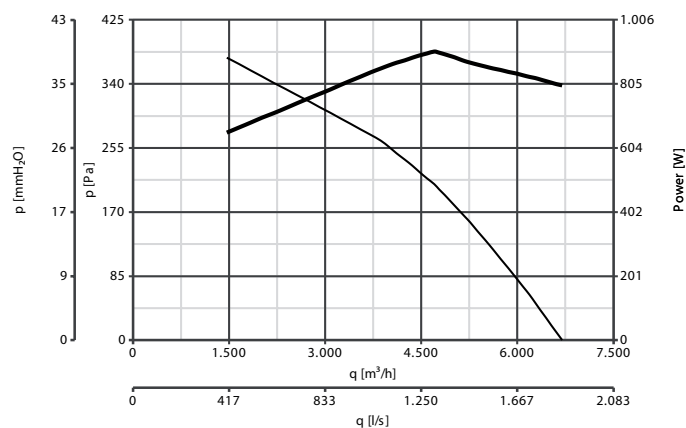
RF-EU M30 4P code 15123

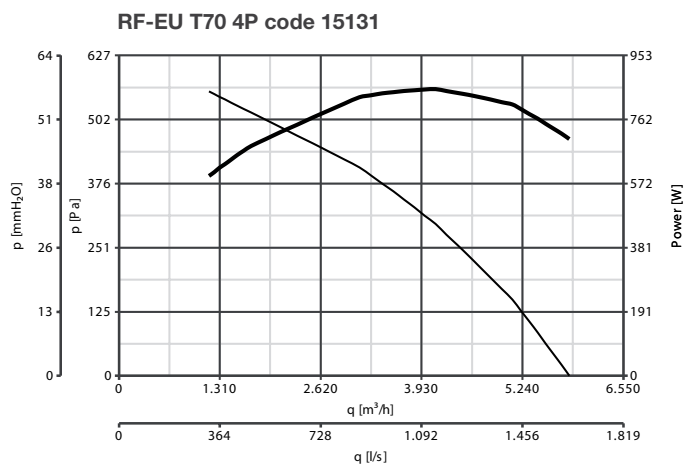
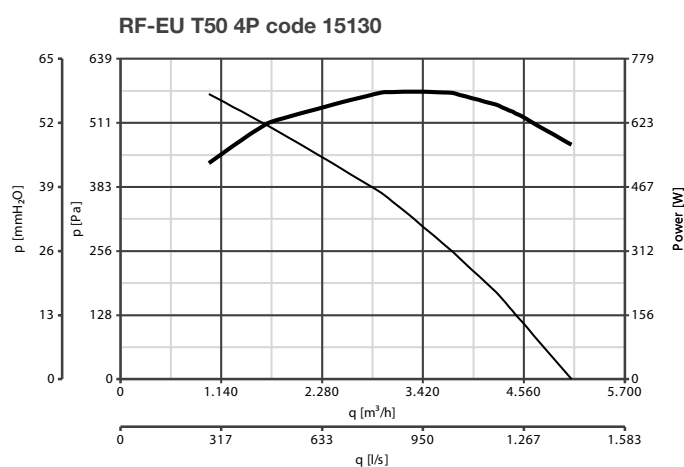
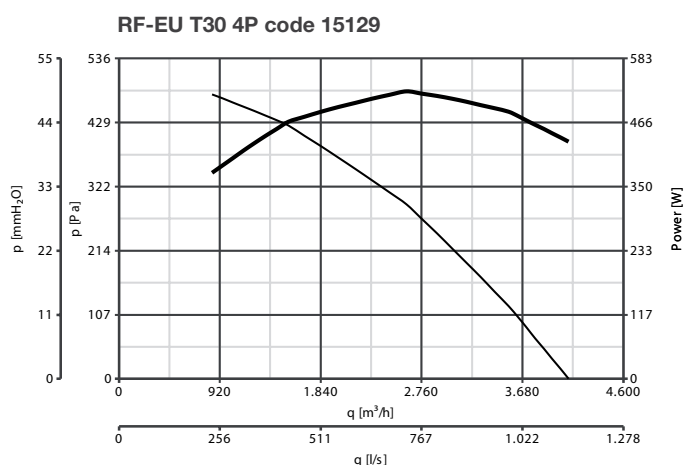
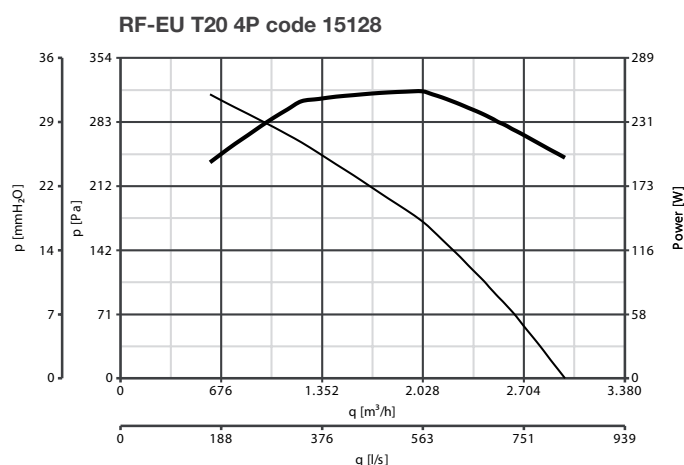
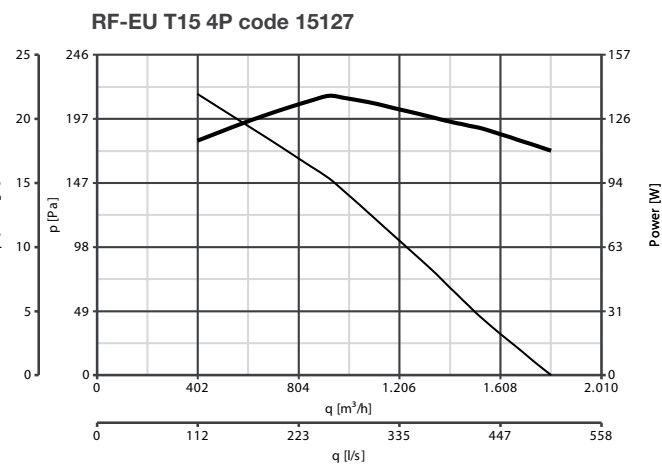
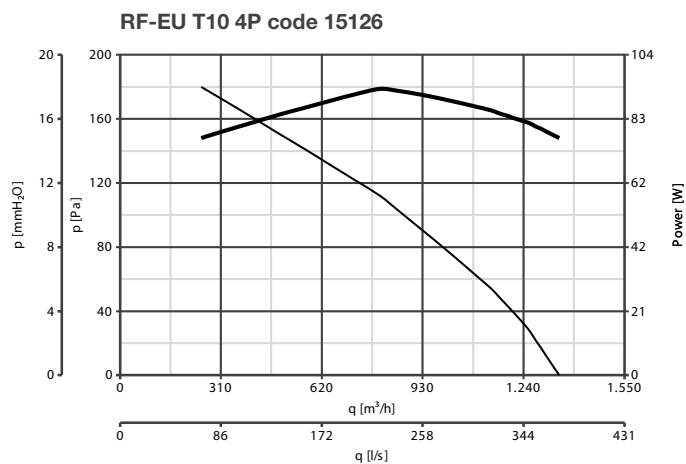


RF-EU M50 4P code 15124

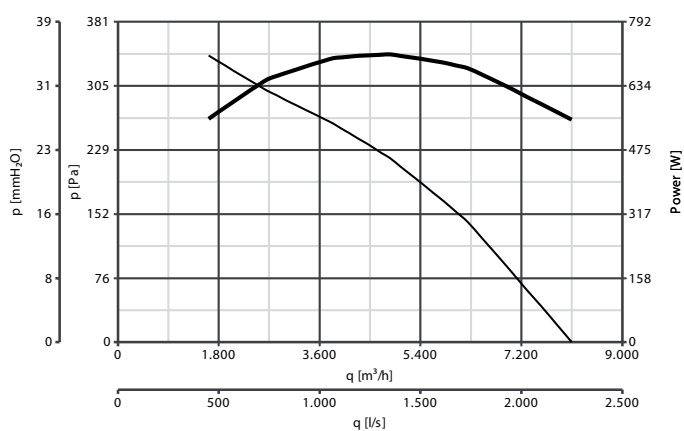


RF-EU M70 4P code 15125

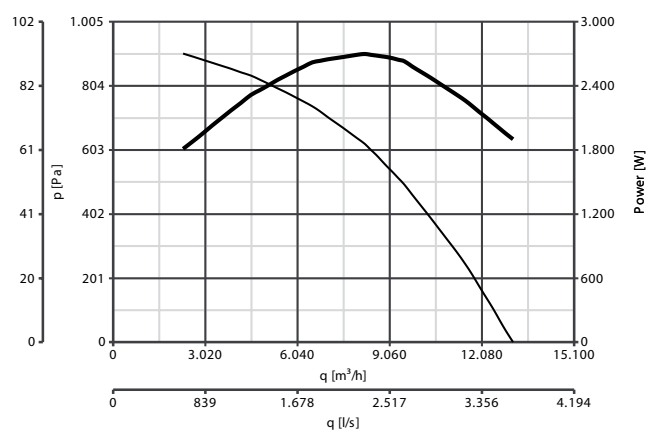




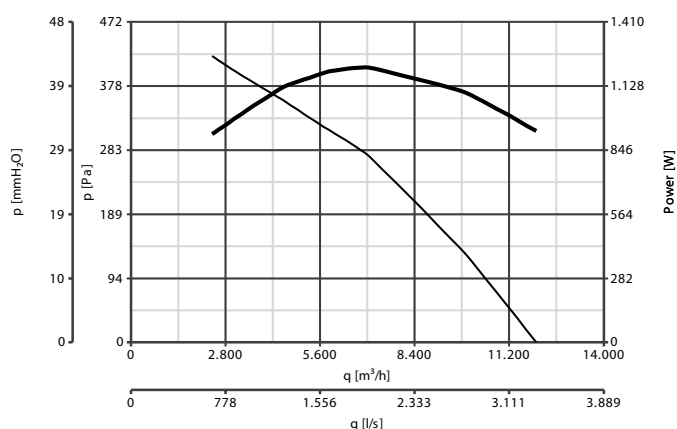
RF-EU T70 6P code 15132



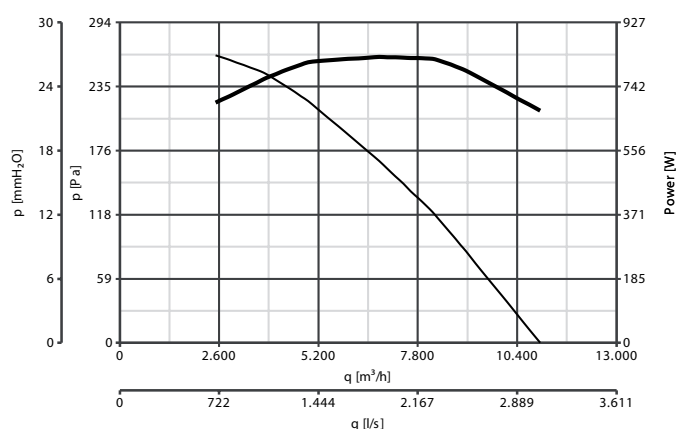
RF-EU T100 4P code 15133



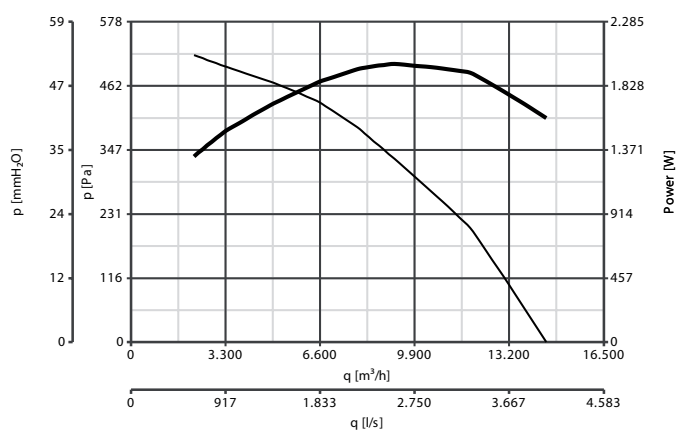
RF-EU T100 6P code 15134



RF-EU T100 8P code 15135



RF-EU T150 6P code 15136



— Delivery — Consumption