

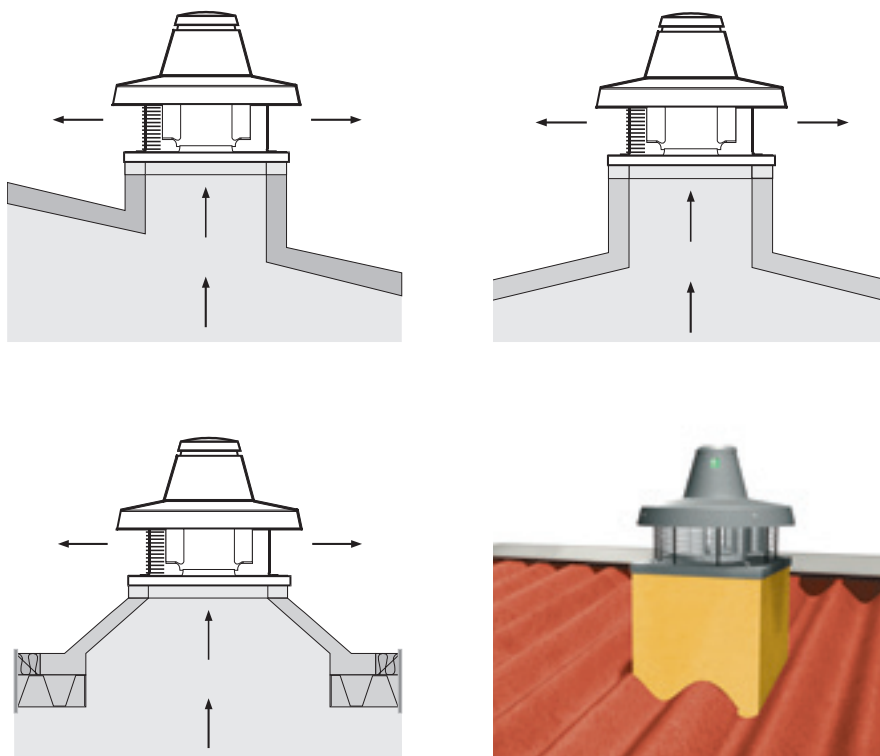
TORRETTE TR E RANGE

Centrifugal roof fans for horizontal discharge

PRODUCT SPECIFICATIONS

Suitable for application in residential and industrial environments, for factories, hospitals, nightclubs, offices, theatres, apartment blocks, gyms, restaurants, etc... Easy to install on top of all roofs.

- 20 models: 6 single-phase and 14 three-phase
- Metal frame coated in corrosion-proof epoxy resin to assure long life and weather resistance.
- Aerodynamic suction nozzle in polyester painted steel sheet.
- All models fitted with steel bird guard.
- Asynchronous induction motor, standard size UNELMEC B5, self-ventilated, with rotor mounted on ball bearings.
- Galvanised steel sheet fan with self cleaning, backward curved blades, self-ventilating, die cast aluminium hub, clockwise rotation (intake view).
- Single phase models can be controlled by an optional speed controller. Alternatively they can be controlled by means of optional inverters.
- Max airflow up to 18.000 m³/h.
- Motor insulation class H for models 15205, 15073, 15076, 15078, 15079; F for all other models.
- Protection rating: IP55.
- Insulation class: Cl.I Ⓣ.





KEY FEATURES

- For installation in commercial and industrial environments, gyms, discos, offices, theatres, apartment buildings, restaurants, etc.
- To assure product safety over time, all models are fitted with a safety cable to anchor the machine to the support base
- Easy to install on all types of roof.
- Secure using the eyebolt to facilitate lifting and transportation.
- For low dust, acid-free and non-corrosive air extraction only. Not suitable for installation on ducts located directly above fireplaces or burners.

TECHNICAL DATA

	Models	Code	V ~ 50 Hz	W	A	Poles	RPM	Max Airflow		Max Pressure		Lp dB(A)*	Max °C	Kg
								m³/h	l/s	mmH ₂ O	Pa			
Single - phase	TRM 10 E 4P	15115	230	100	0.50	4	1400	1100	306	22	216	56	90	14.5
	TRM 15 E 4P	15205	230	150	0.70	4	1400	1400	389	26	255	58.5	80	15
	TRM 20 E 4P	15216	230	280	1.30	4	1415	2600	722	36	353	62	85	22
	TRM 30 E 4P	15356	230	400	1.80	4	1425	3300	917	44	432	67	70	23
	TRM 50 E 4P	15556	230	800	3.70	4	1480	4800	1333	55	540	72.5	80	28
	TRM 70 E 4 P	15070	230	1000	4.35	4	1415	6400	1778	67.5	662	77	90	79
	TRT 10 E 4P	15155	400	100	0.30	4	1400	1100	306	22	216	56	90	14.5
Three - phase	TRT 15 E 4P	15255	400	150	0.30	4	1400	1400	389	26	255	58.5	90	15
	TRT 20 E 4P	15215	400	300	0.60	4	1400	2700	750	35	343	62	90	22
	TRT 30 E 4P	15355	400	400	0.75	4	1400	3200	889	46	451	67	90	23
	TRT 50 E 4P	15555	400	800	1.45	4	1400	4900	1361	61	598	72.5	90	28
	TRT 70 E 4P	15071	400	950	1.85	4	1440	6400	1778	69	674	77	90	77
	TRT 70 E 6P	15072	400	600	1.30	6	950	7000	1944	38	373	74	90	80
	TRT 100 E 4P	15073	400	1900	3.25	4	1420	10000	2778	84.5	830	84	70	81

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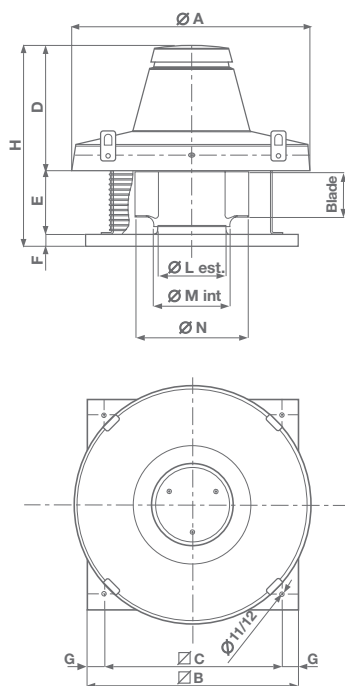
TECHNICAL DATA

	Models	Code	V ~ 50 Hz	W	A	Poles	RPM	Max Airflow		Max Pressure		Lp dB(A)*	Max °C	Kg
								m³/h	l/s	mmH ₂ O	Pa			
Three - phase	TRT 100 E 6P	15074	400	1100	2.30	6	950	10800	3000	48	471	77	85	117
	TRT 100 E 8P	15075	400	930	2.10	8	715	11000	3056	34	334	71	80	127
	TRT 150 E 6P	15076	400	1930	3.45	6	930	15000	4167	61	598	80	80	128
	TRT 150 E 8P	15077	400	1600	3.10	8	715	15000	4167	45	441	74	75	132
	TRT 180 E 6P	15078	400	3100	5.95	6	970	16000	4444	79	775	83	80	130
	TRT 210 E 6P	15079	400	3400	6.40	6	980	18000	5000	79	775	84	70	132

* The sound pressure values conform to standard ISO 3744.

The appliances are designed so that they are able to operate at an air temperature more than 65°C.

DIMENSIONS



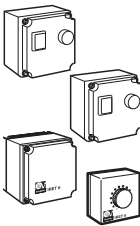
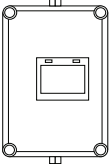
Single - phase

Three - phase

Models	Ø A	B	C	D	E	F	G	H	Ø L	Ø M	Ø N	Blade
TRM 10 E 4P	600	410	357	310	108	38	26.5	456	170	187.5	283	101
TRM 15 E 4P	600	410	357	310	108	38	26.5	456	182	199	315	100
TRM 20 E 4P	780	550	500	398	128	38	25	564	219	236.5	359	125
TRM 30 E 4P	780	550	500	398	146	38	25	582	244	265.5	404	140
TRM 50 E 4P	780	550	500	398	173	38	25	609	278	298	454	160
TRM 70 E 4P	1015	830	750	449	283	38	40	770	328	335	504	160
TRT 10 E 4P	600	410	357	310	108	38	26.5	456	170	187.5	283	101
TRT 15 E 4P	600	410	357	310	108	38	26.5	456	182	199	315	100
TRT 20 E 4P	780	550	500	398	128	38	25	564	219	236.5	359	125
TRT 30 E 4P	780	550	500	398	146	38	25	582	244	265.5	404	140
TRT 50 E 4P	780	550	500	398	173	38	25	609	278	298	454	160
TRT 70 E 4P	1015	830	750	449	283	38	40	770	328	335	504	160
TRT 70 E 6P	1015	830	750	449	283	38	40	770	365	375	564	180
TRT 100 E 4P	1015	830	750	449	283	38	40	770	365	375	564	180
TRT 100 E 6P	1165	980	900	605	383	38	40	1026	415	421	635	224
TRT 100 E 8P	1165	980	900	605	383	38	40	1026	465	472	715	224
TRT 150 E 6P	1165	980	900	605	383	38	40	1026	465	472	715	250
TRT 150 E 8P	1165	980	900	605	383	38	40	1026	520	529	805	250
TRT 180 E 6P	1165	980	900	605	383	38	40	1026	520	529	805	224
TRT 210 E 6P	1165	980	900	605	383	38	40	1026	520	529	805	250

Dimensions (mm)

ACCESSORIES

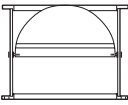

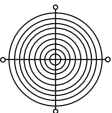
	Description	Code	Product
	IRM 30 - Three position single phase speed controller	12921	15115 - 15205
	IRM 40 - Three position single phase speed controller	12922	15216 - 15356
	IRM 50 - Three position single phase speed controller	12928	15556
	IRT 15 - Three position three phase speed controller	12923	15155 - 15215 - 15255
	IRT 35 - Three phase variable voltage drive	12924	15072 - 15075 - 15355 - 15555
	IRT 40 - Three position three phase speed controller	12927	15071 - 15074
	IREM 3 - Single - phase speed controller	12931	15115 - 15205 - 15216 - 15356
	IREM 5 - Single - phase speed controller	12932	15070 - 15115 - 15205 - 15556
	IREM 9 - Single - phase speed controller	12933	15115 - 15205 - 15070
	IRET 6 - Three - phases speed controller	12934	15071 - 15072 - 15074 - 15075 - 15076 - 15077
	IREM INVERTER 1.4 - Single - phase speed controller INVERTER	12935	15155 - 15215 - 15255 - 15355
	IREM INVERTER 4.2 - Single - phase speed controller INVERTER	12936	15555 - 15071 - 15072 - 15074 - 15075
	IREM INVERTER 7 - Single - phase speed controller INVERTER	12937	15073 - 15076 - 15077
	IRET INVERTER 1.2 - Three - phase speed controller INVERTER	12909	15155 - 15215 - 15255 - 15355
	IRET INVERTER 2.2 - Three - phase speed controller INVERTER	12925	15555 - 15071 - 15072 - 15074 - 15075
	IRET INVERTER 5 - Three - phase speed controller INVERTER	12947	15073 - 15076 - 15077
	IREM INVERTER 4M - Single - phase speed controller	12815	15115 - 15205 - 15216 - 15356
	IREM INVERTER 6 M - Single - phase speed controller	12818	15556 - 15070
	IRET INVERTER 2.5 M - Three - phase speed controller	12816	15155 - 15255 - 15215 - 15355 - 15555 - 15071 - 15072 - 15075
	IRET INVERTER 5 M - Three - phase speed controller	12817	15073 - 15074 - 15076 - 15077
	POTENTIOMETER	12819	for code 12815 - 12816 - 12817 - 12818
	TR-CU - 10/15 Sub - frame	22511	15115 - 15155 - 15205 - 15255
	TR-CU - 20/30/50 Sub - frame	22512	15215 - 15216 - 15355 - 15356 - 15555 - 15556
	TR-CU - 70/100 Sub - frame	22539	15070 - 15071 - 15072 - 15073
	TR-CU - 100/150/180/210 Sub - frame	22540	15074 - 15075 - 15076 - 15077 - 15078 - 15079



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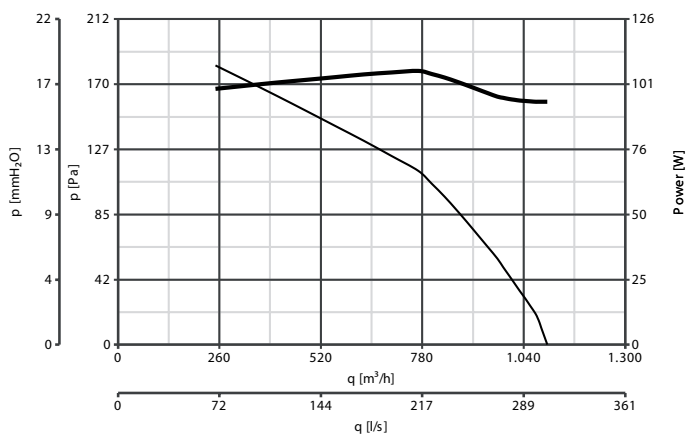
ACCESSORIES

	Description	Code	Product
	TR-S - 10/15 Backdraught shutter	22500	15115 - 15155 - 15205 - 15255
	TR-S - 20/30/50 Backdraught shutter	22510	15215 - 15216 - 15355 - 15356 - 15555 - 15556
	TR-S - 70/100 Backdraught shutter	22541	15070 - 15071 - 15072 - 15073
	TR-S - 100/150/180/210 Backdraught shutter	22542	15074 - 15075 - 15076 - 15077 - 15078 - 15079
	TR-B - 10/15 Suction connector	22600	15115 - 15155 - 15205 - 15255
	TR-B - 20/30/50 Suction connector	22610	15215 - 15216 - 15355 - 15356 - 15555 - 15556
	TR-B - 70/100 Suction connector	22508	15070 - 15071 - 15072 - 15073
	TR-B - 100/150/180/210 Suction connector	22509	15074 - 15075 - 15076 - 15077 - 15078 - 15079
	TR-G - 10/15 Intake port protection grille	22700	15115 - 15155 - 15205 - 15255
	TR-G - 20/30/50 Intake port protection grille	22710	15215 - 15216 - 15355 - 15356 - 15555 - 15556
	TR-G - 70/100 Intake port protection grille	22506	15070 - 15071 - 15072 - 15073
	TR-G - 100/150/180/210 Intake port protection grille	22507	15074 - 15075 - 15076 - 15077 - 15078 - 15079

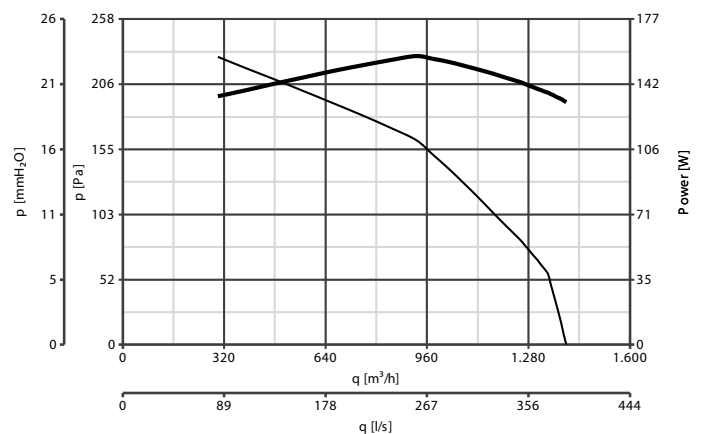
PERFORMANCE CURVES

— P= power consumption — ps = delivery

TRM 10 E 4P cod. 15115

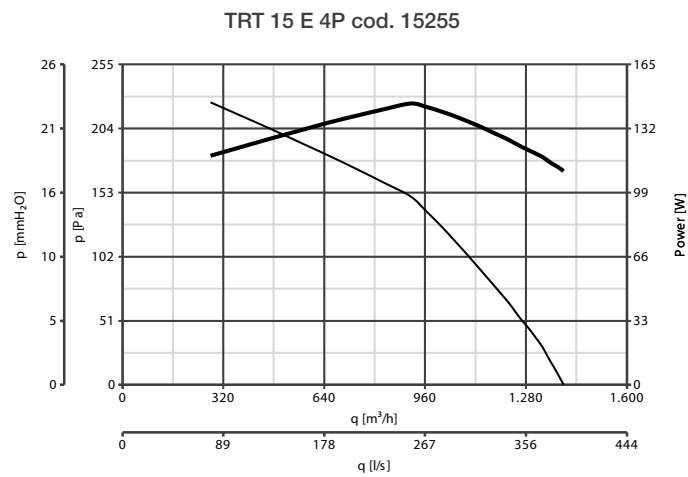
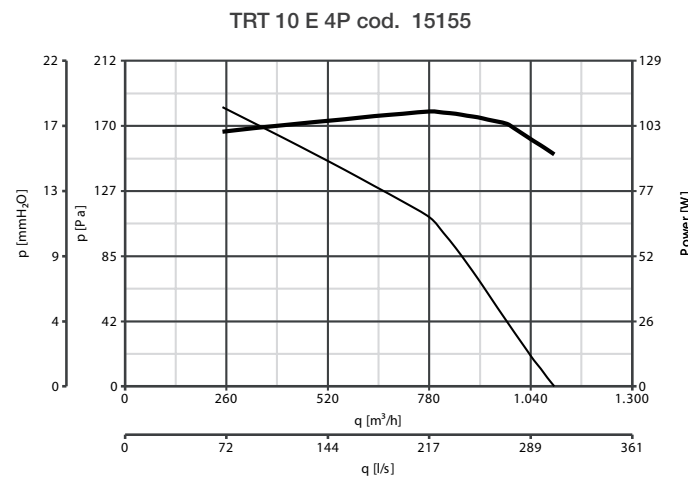
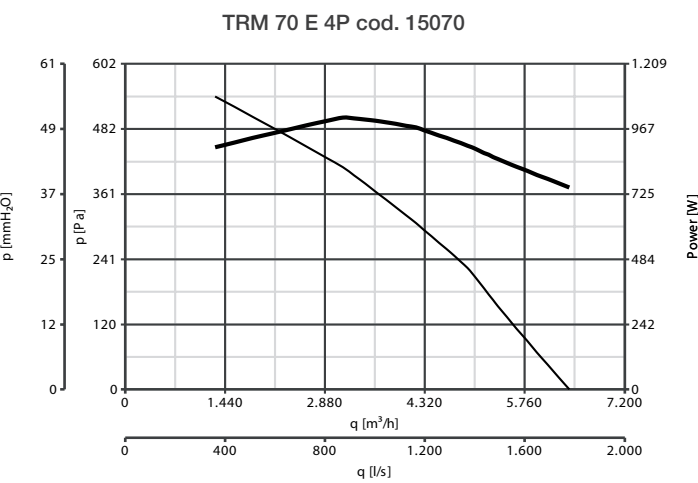
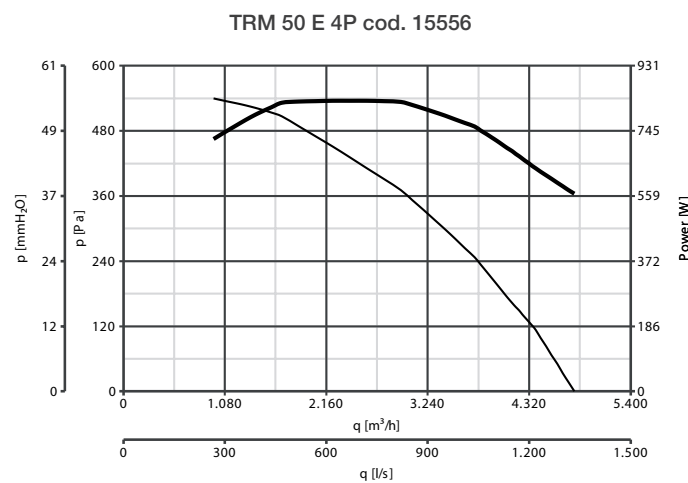
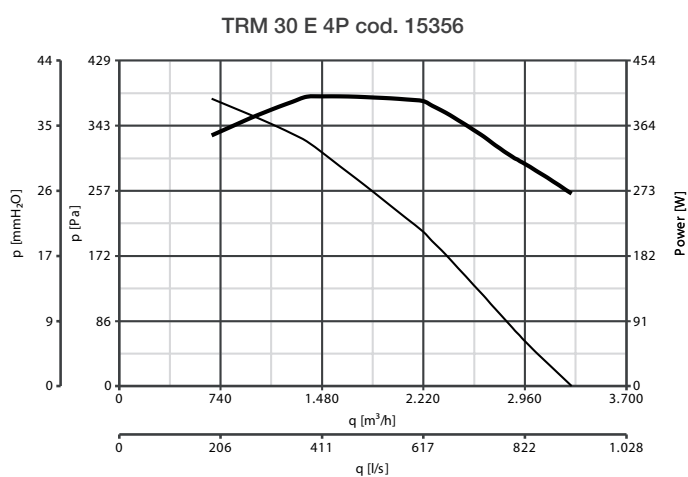
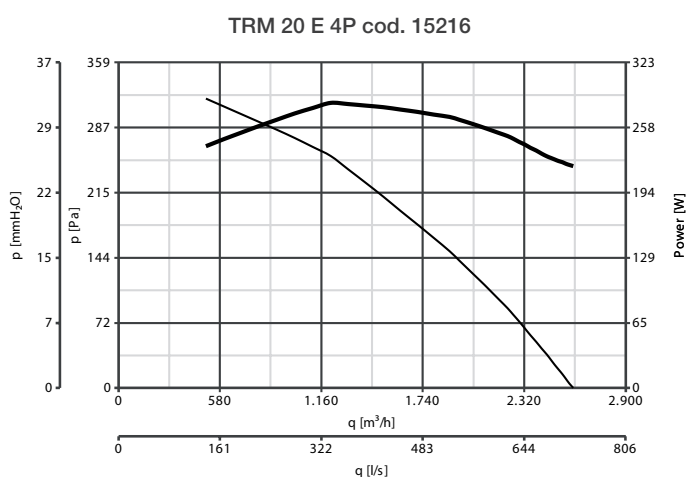


TRM 15 E 4P cod. 15205



PERFORMANCE CURVES

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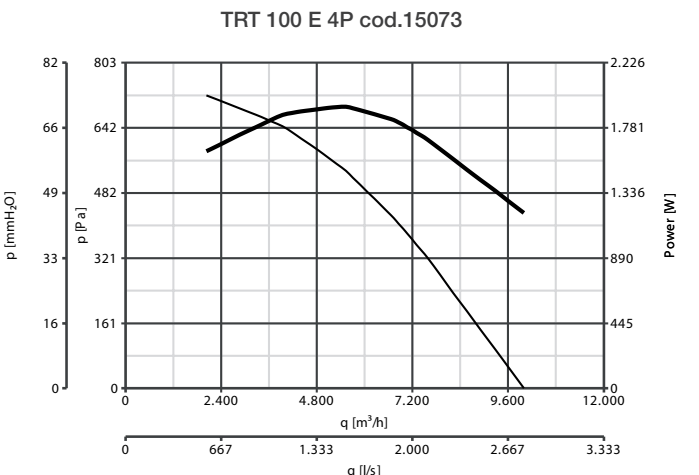
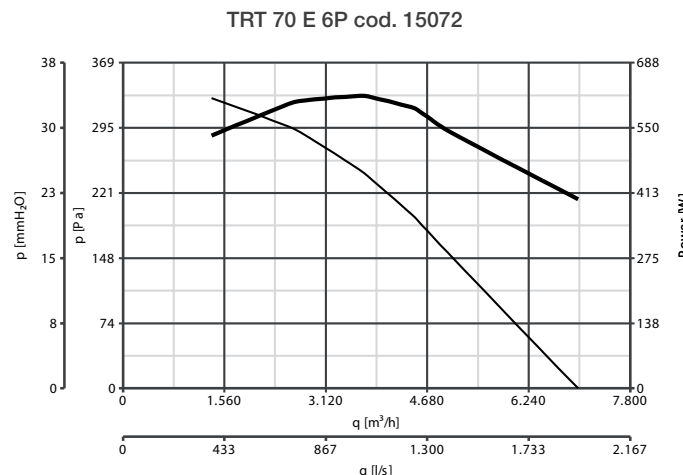
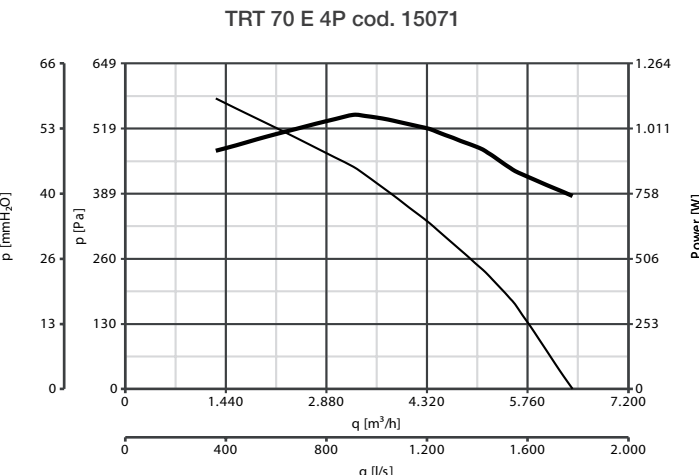
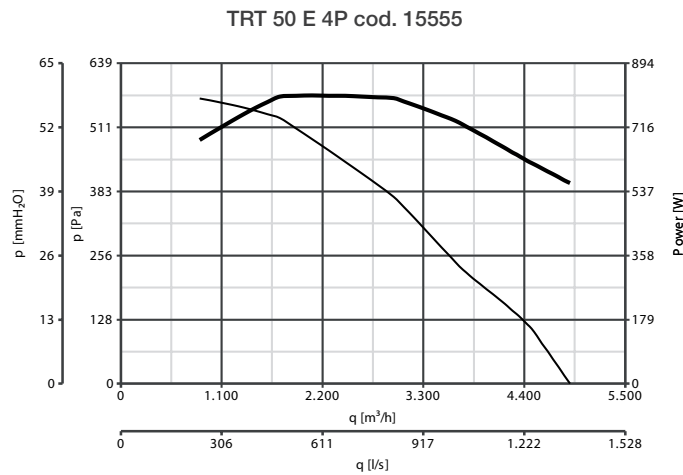
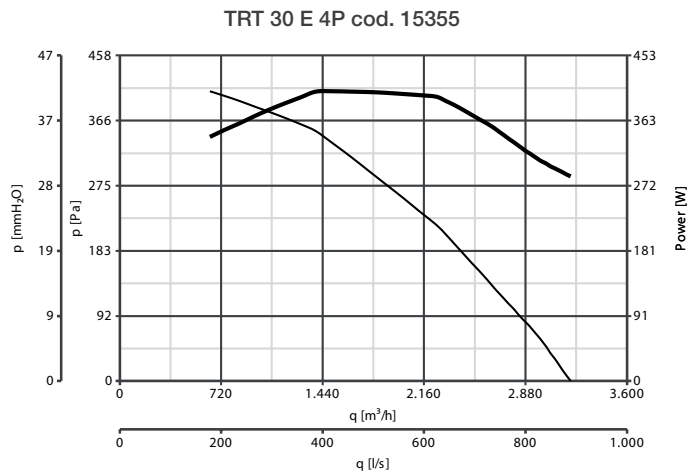
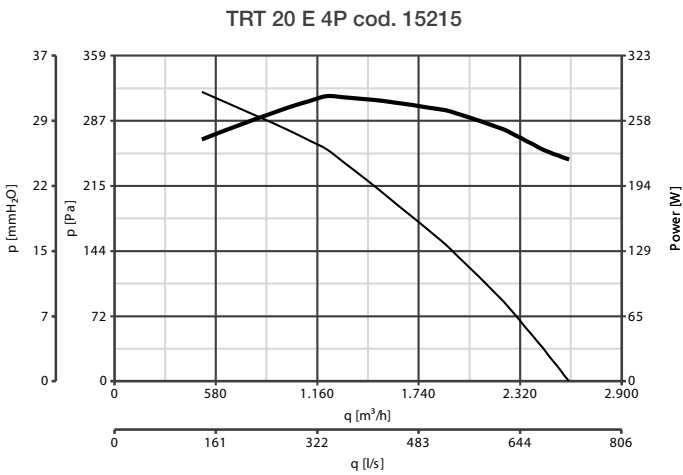


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PERFORMANCE CURVES

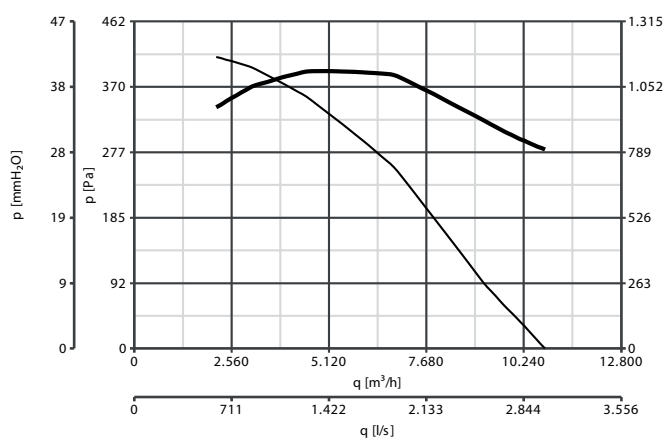
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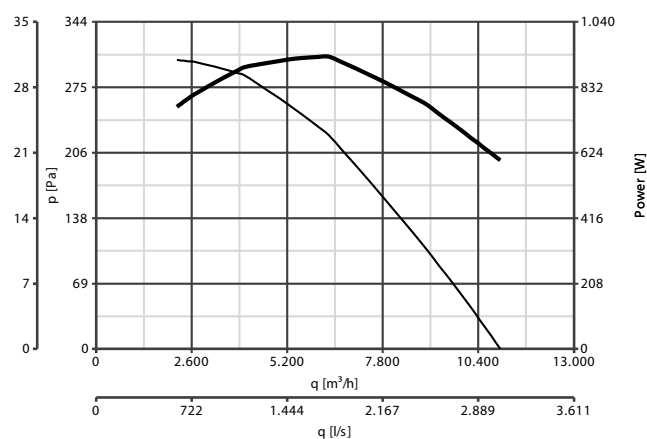
PERFORMANCE CURVES

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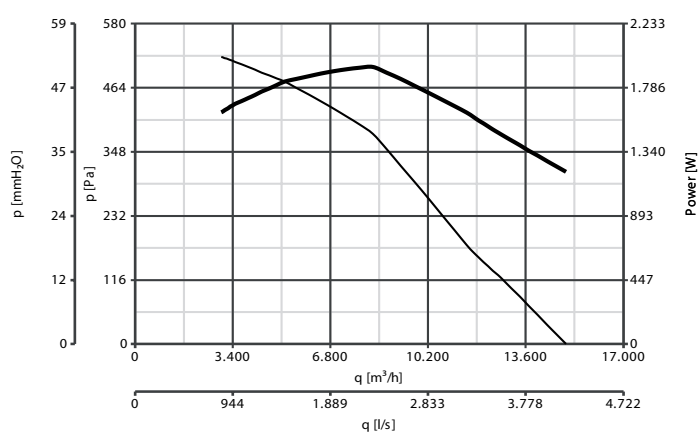
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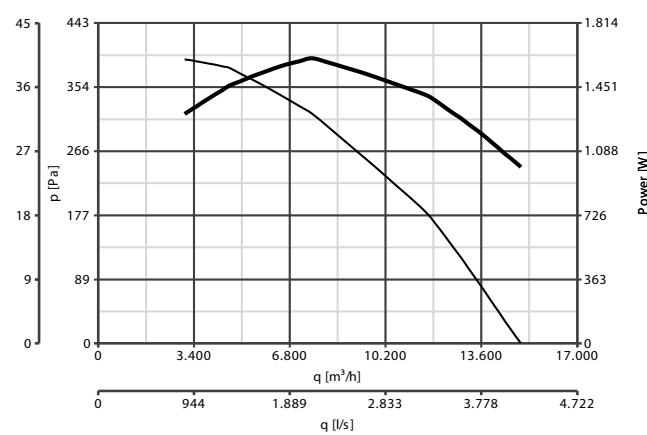
TRT 100 E 8P cod. 15075



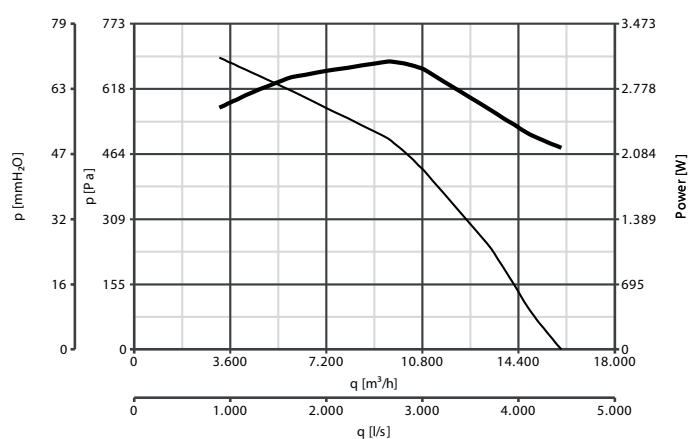
TRT 150 E 6P cod. 15076



TRT 150 E 8P cod. 15077



TRT 180 E 6P cod. 15078



TRT 210 E 6P cod. 15079

