

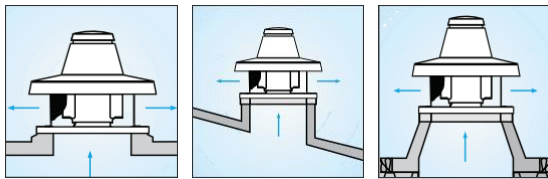


# TORRETTE TR ED

Ventilatoare centrifugale de acoperis pentru extractie de fum fierbinte.

Pentru montaj pe acoperisul plat al cladirilor comerciale si industriale

- 20 de modele: 6 monofazice si 14 trifazice.
- Toate modelele echipate cu grilaj din otel pentru protectie impotriva pasarilor.
- Motor asincron cu inductie, varianta standard UNELMEC B5, auto-ventilat cu rotor pe rulmenti cu bile.
- Elice din aluminiu cu palete rasucite catre interior, rotatie in sensul acelor de ceasornic si care nu retin murdaria.
- Ajutat de aspiratie cu sectiune aerodinamica confectionat din tabla de otel protejata cu vopsea poliesterica.
- Pentru siguranta folosirii pe termen lung fiecare unitate este dotata cu cablu de ancorare la baza.
- Debit maxim aer 18.000 m<sup>3</sup>/h.
- Se pot folosi deasemenea in medii cu temperaturi cuprinse intre: -25°C / +90°C doar in tarile in care Reglementarea Europeana N°327/2011/UE nu este recunoscuta.
- Operarea la viteza minima este admisa pentru produsele folosite pentru aer rece (nu ventilarea pentru fum fierbinte de 400°C / 2h aspirare), in tarile care nu au aderat la Reglementarea Europeana N°327/2011/UE.
- Motor izolat clasa H
- Clasa protectie: IP55
- Clasa izolatie: I⊕



## DATE TEHNICE

	Model	Cod	W min/max	A min/max	POLI	Debit maxim			Presiune maxima		Lp dB(A)*	Max °C
						RPM min/max	m <sup>3</sup> /h min/max	l/s min/max	mmH <sub>2</sub> O min/max	Pa min/max		
Monofazice	TRM 10 ED4P	15039	110	0.46	4	1395	1000	278	20	196	56	400°C / 2h
	TRM 15 ED4P	15041	140	0.60		1315	1400	389	24	235	58.5	
	TRM 20 ED4P	15043	270	1.20		1375	2200	611	34	334	68	
	TRM 30 ED4P	15046	420	1.90		1285	3100	861	40	392	67	
	TRM 50 ED4P	15048	720	3.30		1290	4500	1250	52	510	72.5	
	TRM 70 ED4P	15080	1020	4.50		1415	5800	1611	65	638	77	
Trifazice	TRT 10 ED4P	15040	72	0.13	1270	890	247	17	167	56		
	100		0.24	1430	1100	306	21	206				
	TRT 15 ED4P	15042	93	0.16	1150	1100	306	16	157	58.5		
	130		0.27	1400	1400	389	24	235				
	TRT 20 ED4P	15045	208	0.32	1050	1800	500	24	235	68		
	270		0.53	1400	2200	611	34	334				
	TRT 30 ED4P	15047	305	0.48	1070	2555	710	30	294	67		
	420		0.75	1400	3100	861	43	422				
	TRT 50 ED4P	15049	530	0.80	1150	3800	1056	38	373	72.5		
	690		1.20	1400	4500	1250	52	510				
	TRT 70 ED4P	15081	820	1.50	1150	5300	1472	52	510	77		
	1090		2.00	1400	6000	1667	67	657				
	TRT 70 ED6P	15082	420	0.80	6	750	5300	1472	30	294	74	
	580		1.30	950	6000	1667	38	373				
TRT 100 ED4P	15083	1400	2.30	4	1200	8300	2306	72	706	84		
1950		4.90	1400	9100	2528	84	824					
TRT 100 ED6P	15084	900	1.40	6	730	7550	2097	38	373	77		
1130		2.40	950	8600	2389	47	461					
TRT 100 ED8P	15085	600	1.20	8	570	8200	2278	28	275	71		
860		2.00	715	9200	2556	34	334					
TRT 150 ED6P	15086	1280	2.40	6	700	11000	3056	42	412	80		
1930		3.50	930	12800	3556	59	579					
TRT 150 ED8P	15087	1000	2.00	8	610	11600	3222	34	334	74		
1500		3.00	715	13500	3750	42	412					
TRT 180 ED6P	15919	3200	6.11	6	950	16500	4583	79	775	83		
3460		6.42	950	18000	5000	80	785	84				
TRT 210 ED6P	15920	3460	6.42		950	18000	5000	80	785	84		

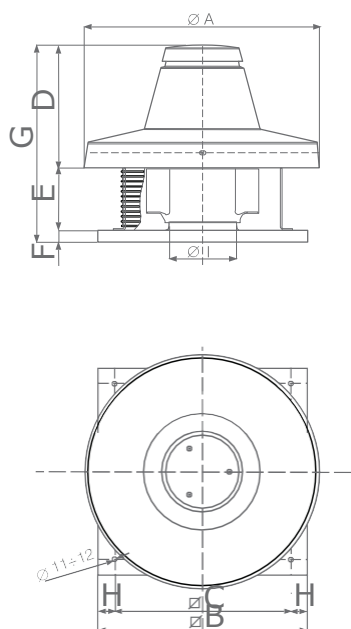
\*Valori presiune sunet conform standardului ISO 3744.

Aparatele sunt proiectate sa functioneze la temperaturi mai ridicate de 65° C



Tensiune electrica: 230 V ~ 50 Hz (monofazic)  
400 V ~ 50 Hz (trifazic)

## DIMENSIUNI



Model	Ø A	Ø B	Ø C	D	E	F	G	H	Ø L	Ø M	Ø N	Kg		
TRM 10 ED4P	600	410	357	309	166	38	26.5	513	183	187.5	280	18.5		
TRM 15 ED4P									206	211	315	19		
TRM 20 ED4P									231	236.5	355	33		
TRM 30 ED4P	780	550	500	397	226		25	661	2600	265.5	400	35		
TRM 50 ED4P									292	298	450	40		
TRM 70 ED4P									328	335	504	80		
TRT 10 ED4P	600	410	357	309	166		38	26.5	513	183	187.5	280	19	
TRT 15 ED4P										206	211	315	19	
TRT 20 ED4P										231	236.5	355	33	
TRT 30 ED4P	780	550	500	397	226			25	661	2600	265.5	400	35	
TRT 50 ED4P										292	298	450	40	
TRT 70 ED4P										328	335	504	80	
TRT 70 ED6P	1015	830	750	449	283	38		770	770	328	335	504	78	
TRT 100 ED4P										365	375	562	81	
TRT 100 ED6P										415	421	635	114	
TRT 100 ED8P	1165	980	900	605	383			38	40	1026	465	472	715	124
TRT 150 ED6P											520	529	805	125
TRT 150 ED8P											520	529	805	129
TRT 180 ED6P											520	529	805	220
TRT 210 DE6P														222

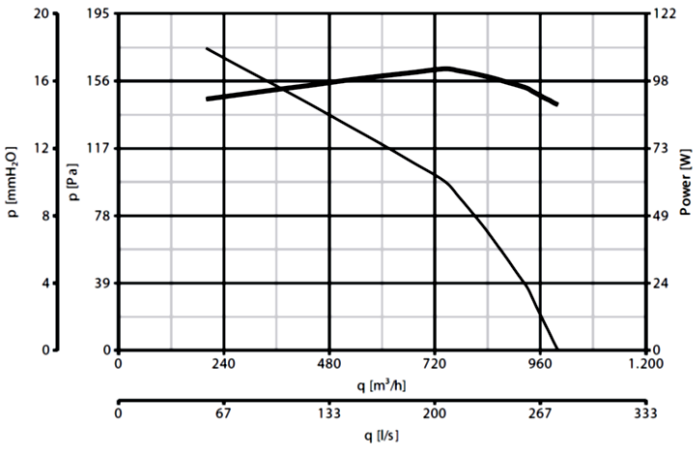
Dimensiuni (mm)

## ACCESORII PRODUS

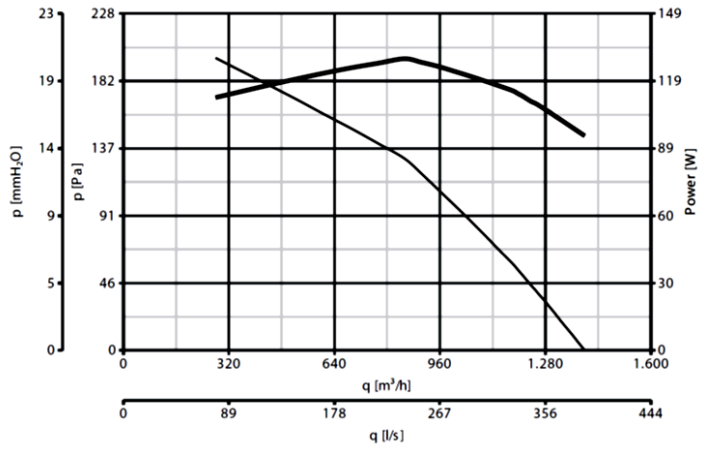
Model	Cod	Produs
		TRM 10 ED 4P COD 15039
		TRM 15 ED 4P COD 15041
		TRM 20 ED 4P COD 15043
		TRM 30 ED 4P COD 15046
		TRM 50 ED 4P COD 15048
		TRM 70 ED 4P COD 15080
		TRT 10 ED 4P COD 15040
		TRT 15 ED 4P COD 15042
		TRT 20 ED 4P COD 15045
		TRT 30 ED 4P COD 15047
		TRT 50 ED 4P COD 15049
		TRT 70 ED 4P COD 15081
		TRT 70 ED 6P COD 15082
		TRT 100 ED 4P COD 15083
		TRT 100 ED 6P COD 15084
		TRT 100 ED 8P COD 15085
		TRT 150 ED 6P COD 15086
		TRT 150 ED 8P COD 15087
		TRT 180 ED 6P COD 15919
		TRT 210 ED 6P COD 15920
	12921	IRM 30 Variator de viteza monofazic cu trei pozitii
	12922	IRM 40 Variator de viteza monofazic cu trei pozitii
	12928	IRM 50 Variator de viteza monofazic cu trei pozitii
	12923	IRT 15 Variator de viteza trifazic cu trei pozitii
	12924	IRT 35 Variator de viteza trifazic cu trei pozitii
	12927	IRT 40 Variator de viteza trifazic cu trei pozitii
	12931	IREM 3 Variator de viteza monofazic
	12932	IREM 5* Variator de viteza monofazic
	12933	IREM 9** Variator de viteza monofazic
	12934	IRET 6 Variator de viteza trifazic

CURBE DE PERFORMANTA

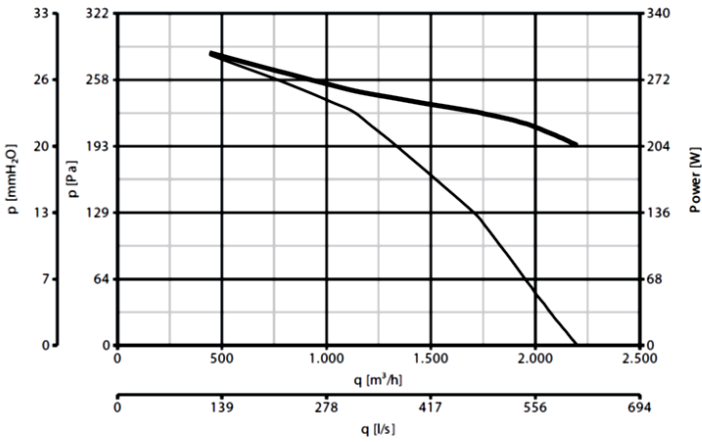
TRM 10 ED 4P code 15039



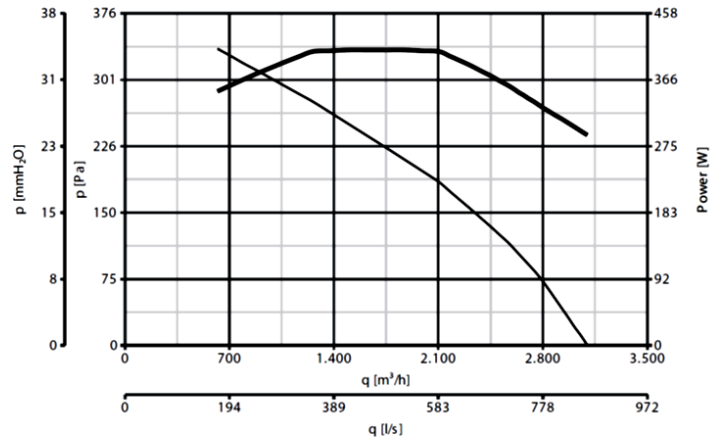
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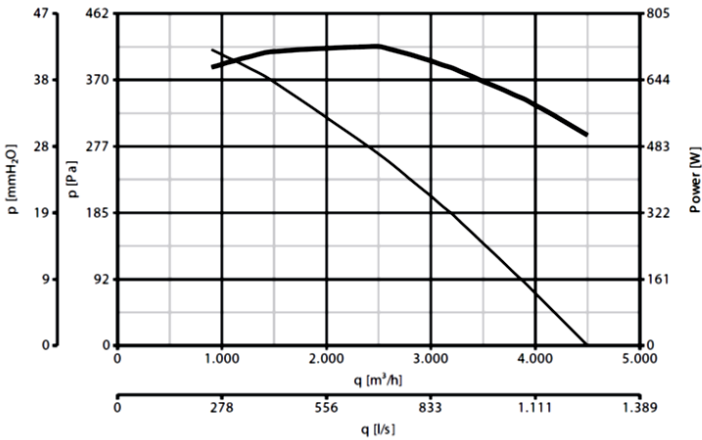
TRM 20 ED 4P code 15043



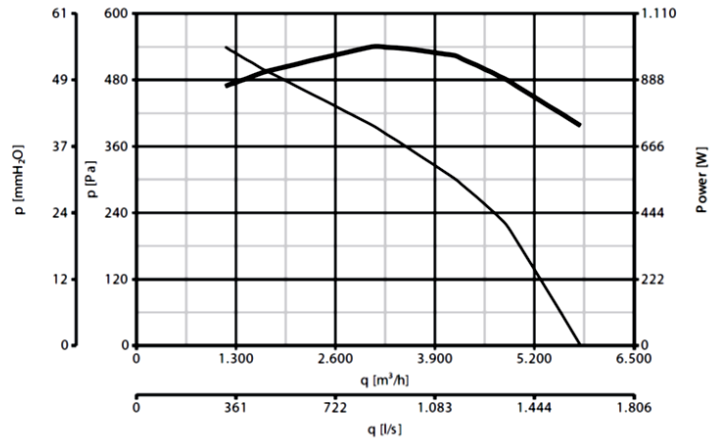
TRM 30 ED 4P code 15046



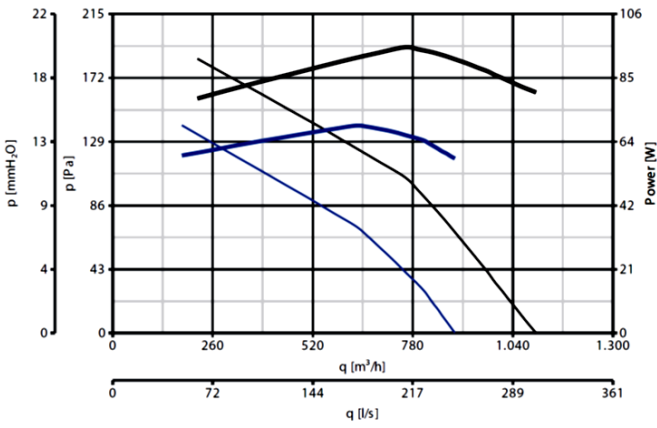
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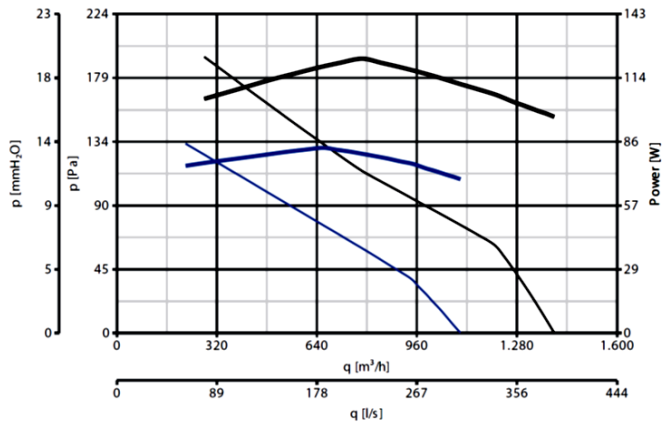
TRM 70 ED 4P CODE 15080



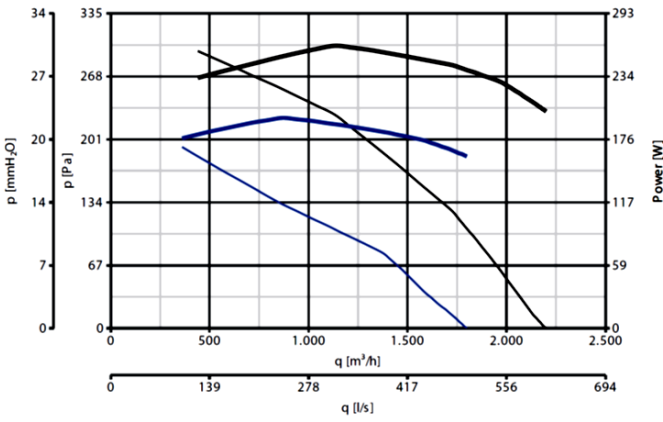
TRT 10 ED 4P code 15040



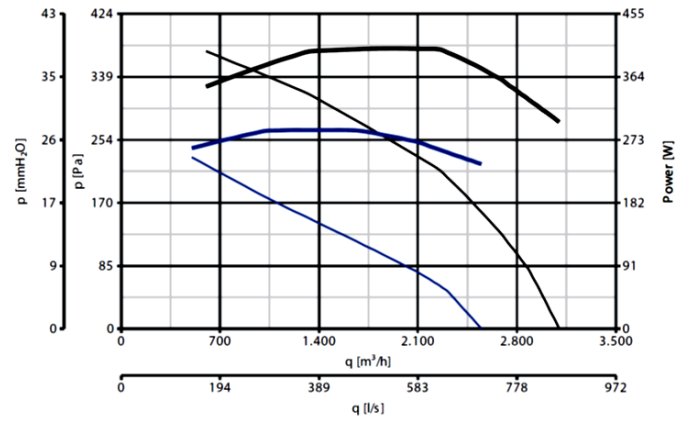
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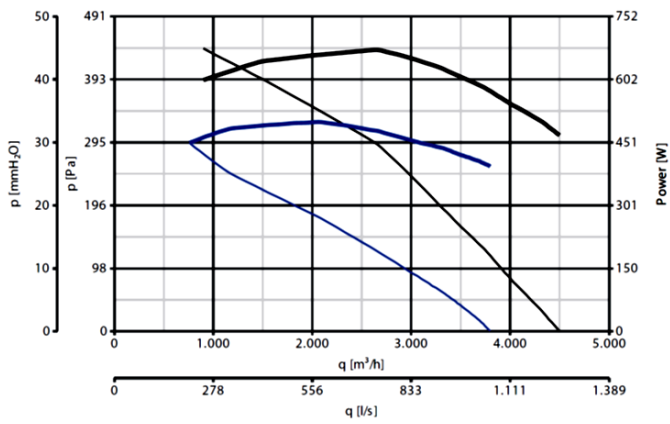
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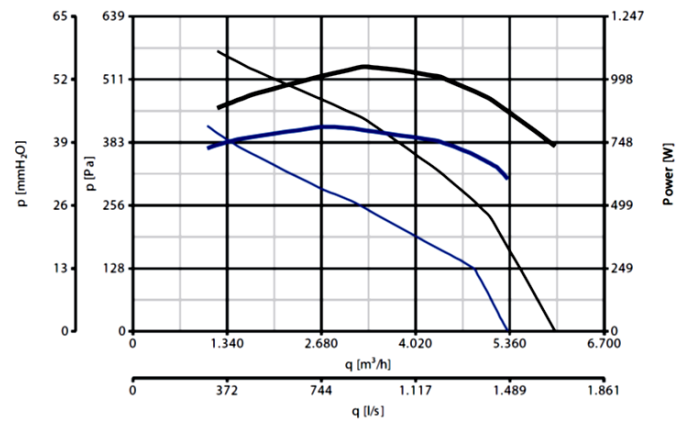
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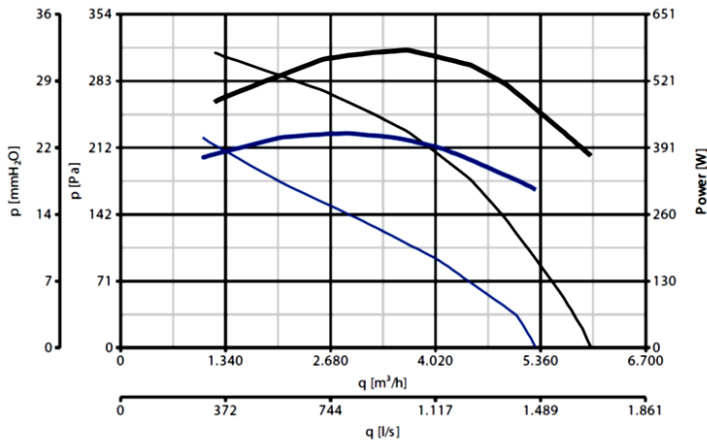
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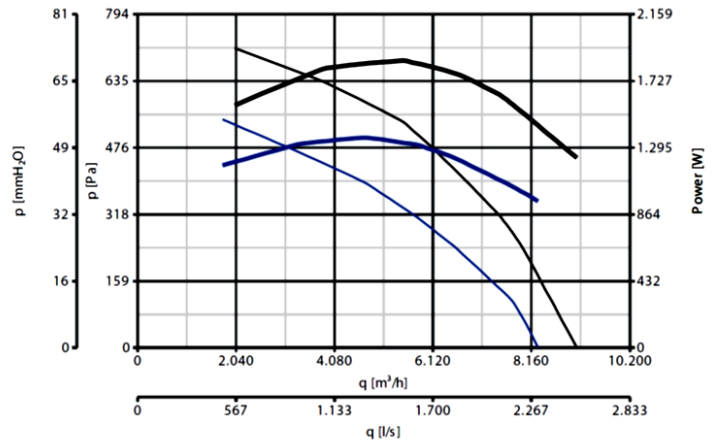
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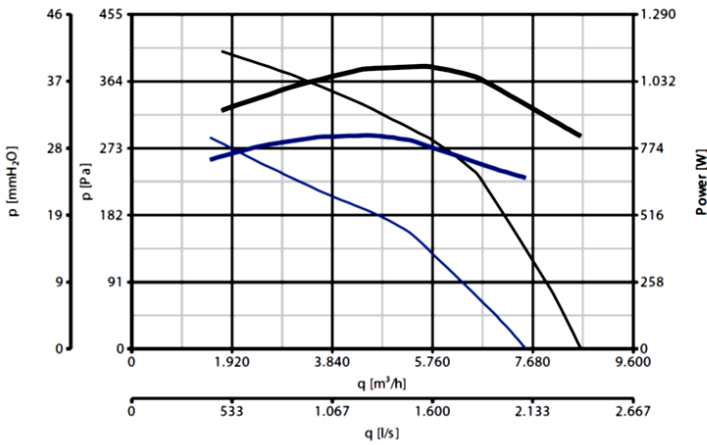
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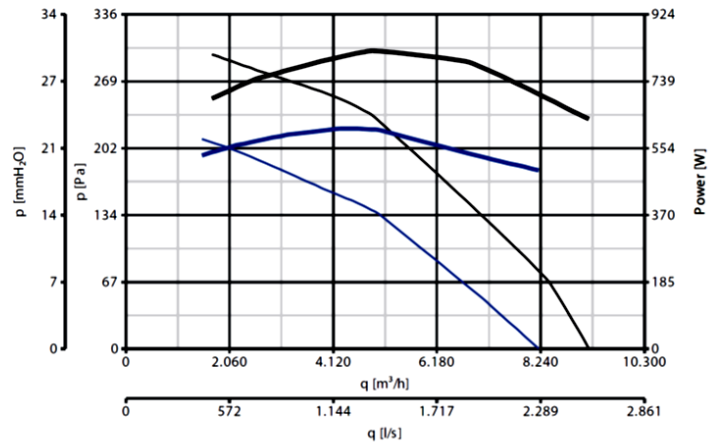
TRT 100 ED 4P code 15083



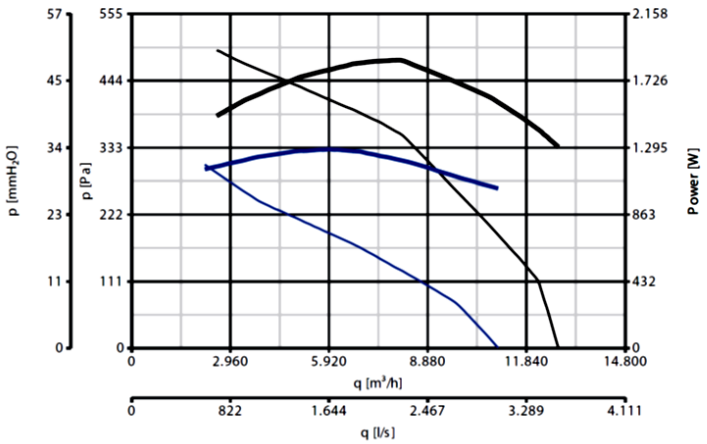
TRT 100 ED 6P code 15084



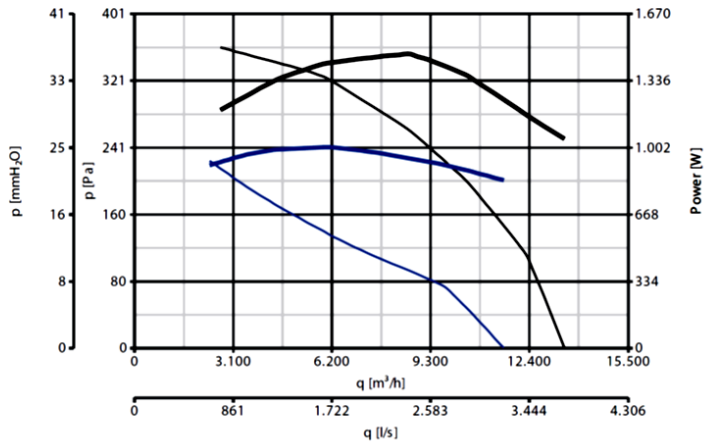
TRT 100 ED 8P code 15085



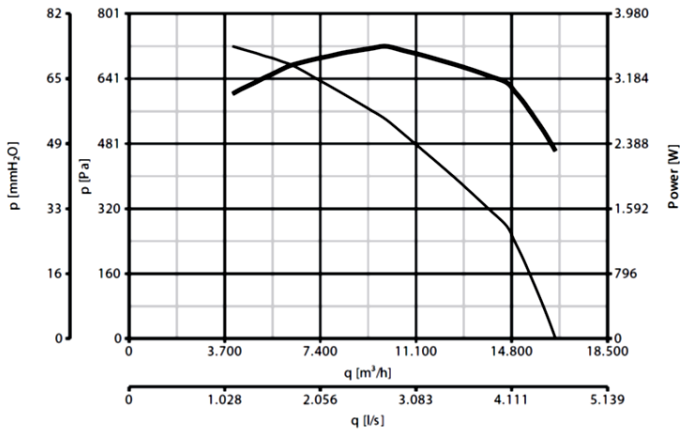
TRT 150 ED 6P code 15086



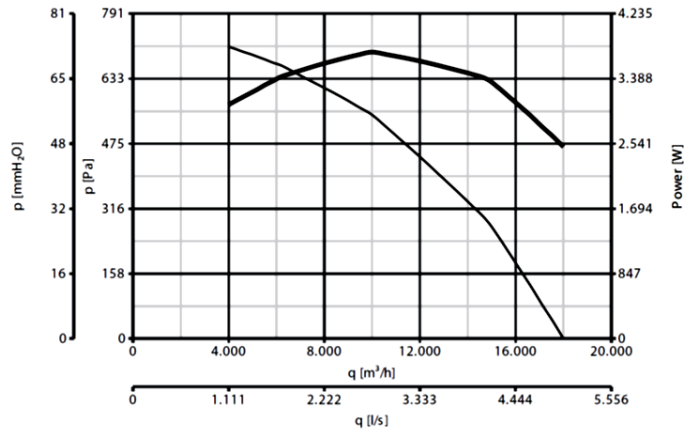
TRT 150 ED 8P code 15087



TRT 180 ED 6P code 15919



TRT 210 ED 6P code 15920



## DECLARATIE DE PERFORMANTA CE

VORTICE ELETTROSOCIALI S.p.A  
Strada Cerca, 2 - Zoate 20067  
TRIBIANO Milano, Italia



declara ca performanta produselor:

Model	Cod	Organism notificat	Model	Cod	Organism notificat
TRM 10 ED 4P	15039	TÜV	TRM 10 ED-V 4P	15160	APPLUS
TRT 10 ED 4P	15040	TÜV	TRT 10 ED-V 4P	15161	APPLUS
TRM 15 ED 4P	15041	TÜV	TRM 15 ED-V 4P	15162	APPLUS
TRT 15 ED 4P	15042	TÜV	TRT 15 ED-V 4P	15163	APPLUS
TRM 20 ED 4P	15043	TÜV	TRM 20 ED-V 4P	15164	APPLUS
TRT 20 ED 4P	15045	TÜV	TRT 20 ED-V 4P	15165	APPLUS
TRM 30 ED 4P	15046	TÜV	TRM 30 ED-V 4P	15166	APPLUS
TRT 30 ED 4P	15047	TÜV	TRT 30 ED-V 4P	15167	APPLUS
TRM 50 ED 4P	15048	TÜV	TRM 50 ED-V 4P	15168	APPLUS
TRT 50 ED 4P	15049	TÜV	TRT 50 ED-V 4P	15169	APPLUS
TRM 70 ED 4P	15080	TÜV	TRM 70 ED-V 4P	15170	APPLUS
TRT 70 ED 4P	15081	TÜV	TRT 70 ED-V 4P	15171	APPLUS
TRT 70 ED 6P	15082	TÜV	TRT 70 ED-V 6P	15172	APPLUS
TRT 100 ED 4P	15083	TÜV	TRT 100 ED-V 4P	15173	APPLUS
TRT 100 ED 6P	15084	TÜV	TRT 100 ED-V 6P	15174	APPLUS
TRT 100 ED 8P	15085	TÜV	TRT 100 ED-V 8P	15175	APPLUS
TRT 150 ED 6P	15086	TÜV	TRT 150 ED-V 6P	15176	APPLUS
TRT 150 ED 8P	15087	TÜV	TRT 150 ED-V 8P	15177	APPLUS
TRT 180 ED 6P	15919	APPLUS	TRT 180 ED-V 6P	15178	APPLUS
TRT 210 ED 6P	15920	APPLUS	TRT 210 ED V-6P	15179	APPLUS

folosite pentru evacuarea fumului si a caldurii este dupa cum urmeaza:

Caracteristici esentiale	Performanta	Standard armonizat
400°C pentru o durata de 120 minute	F400	<b>Sistem control fum si caldura</b> <i>Specificatie pentru ventilatoare de extractive de fum fierbinte</i> <b>EN 12101-3(2002)+AC(2005)</b>

este verificata de catre Organism Notificat European:

**TÜV SÜD INDUSTRIE SERVICE GMBH MÜNCHEN : Certification Body N° 0036**

Certificat Nr.:

- 0036 CPD RG03 01
- 0036 CPD RG03 02
- 0036 CPD RG03 03
- 0036 CPD RG03 04

**APPLUS- LGAI TECHNOLOGICAL CENTRE SA : Certification Body N° 0370**

Certificat Nr.:

- 0370 CPR 0860
- 0370 CPR 0861

Performanta consecventa a produselor de mai sus este garantata printr-un sistem gradul I in conformitate cu anexa V a Regulamentului European Nr. 305/2011 (EU).

ATENȚIE

VENTILATOARELE TR ED DE ACOPERIS (400 °C/2H) SUNT CERTIFICATE CONFORM STANDARDULUI EN 12101-3 PENTRU OPERARE LA VITEZA MAXIMA.

