

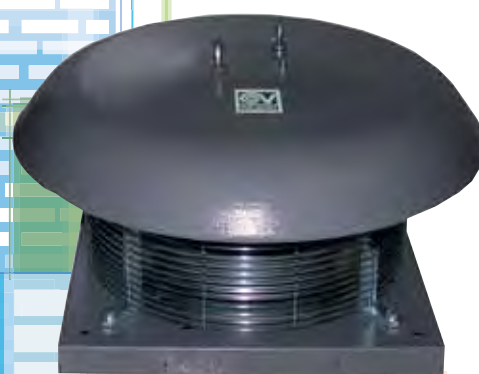
Roof Fans Range

Industrial ventilation



VENTILATION
AIR CONDITIONING
AIR CLEANING
HEATING

NEW



Airtrend
Limited

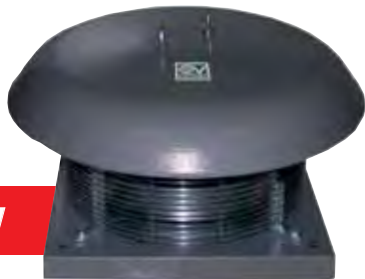
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KOVENT

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NEW

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with horizontal discharge

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with horizontal discharge
for hot fumes extraction

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Centrifugal roof fans
with vertical discharge
for hot fumes extraction

CE MARKING

Torrette products are compliant with the following European Directives:

- 2009/125/EC Eco Design Directive (Erp);
- 2006/42/EC Machine Directive (MD);
- 2004/108/EC Electromagnetic Compatibility Directive (EMC);

According to the following state-of-art Standards:

Safety: EN 60204-1, EN ISO 12100-1, EN ISO 12100-2, EN ISO 12499,
EN ISO 13857, EN 12101-3 (only TR-ED; TR ED-V);
EMC: EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3;
EU regulation N° 327/2011
EU regulation N° 305/2011

TORRETTE RF-EU

NEW



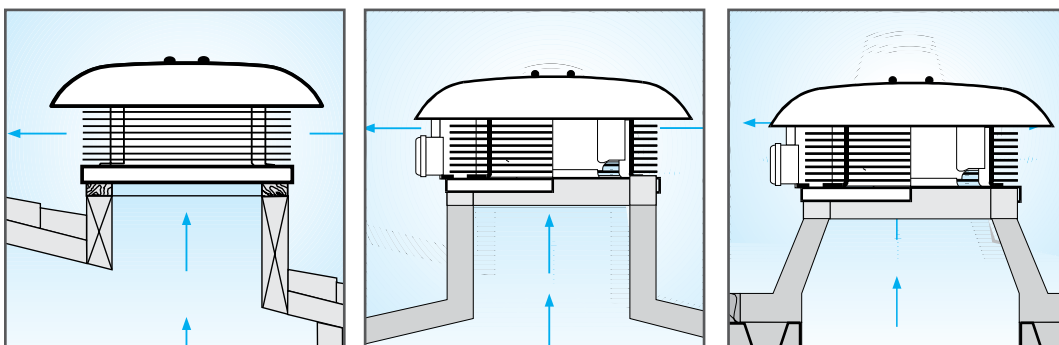
CENTRIFUGAL ROOF FANS WITH HORIZONTAL DISCHARGE

Product specifications

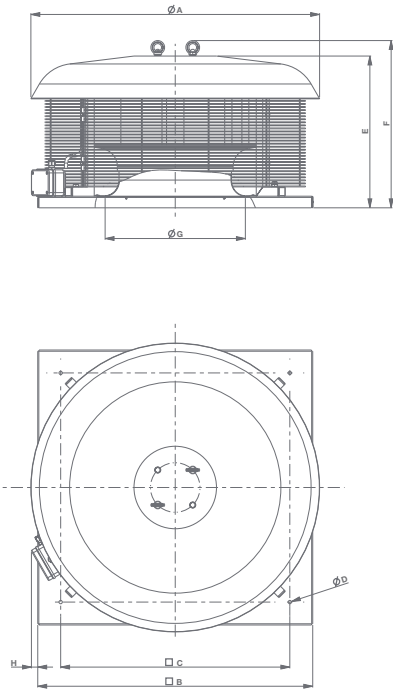
- 17 models: 6 single-phase and 11 three-phase.
- Induction motors (single and three phase) of external rotor design, equipped with thermal overload cutout and mounted on ball bearings.
- Centrifugal impeller, plastic or aluminium, with self-cleaning backward-curved blades.
- Sheet steel motor cover, 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.
- 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.
- Can be controlled by an optional speed controller.
- Delivery up to 14500 m³/h.
- Protection rating: IP24.
- Motor insulation class F.
- Insulation class: I.⊕

KEY FEATURES

- For installation in commercial and industrial environments, discos, offices, theatres, apartment buildings, gyms, 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.



DIMENSIONS



Models	Code	Ø A	Ø B	Ø C	Ø D	E	F	Ø G	H
RF-EU M10 4P	15120	540	410	357	11	215	254	242	69
RF-EU M15 4P	15121	540	410	357	11	255	293	235	69
RF-EU M20 4P	15122	540	410	410	11	281	320	261	69
RF-EU M30 4P	15123	720	550	500	11	358	397	325	76
RF-EU M50 4P	15124	720	550	500	11	328	366	325	76
RF-EU M70 4P	15125	720	550	500	11	455	506	410	76
RF-EU T10 4P	15126	540	410	357	11	256	295	235	69
RF-EU T15 4P	15127	540	410	357	11	282	321	255	69
RF-EU T20 4P	15128	720	550	500	11	327	366	292	69
RF-EU T30 4P	15129	720	550	500	11	328	366	325	69
RF-EU T50 4P	15130	720	550	500	11	330	369	362	69
RF-EU T70 4P	15131	720	550	500	11	366	405	362	69
RF-EU T70 6P	15132	945	900	750	11	497	548	460	21
RF-EU T100 4P	15133	945	900	750	11	490	540	456	21
RF-EU T100 6P	15134	945	900	750	11	535	586	510	21
RF-EU T100 8P	15135	945	900	750	11	595	646	576	21
RF-EU T150 6P	15136	945	900	750	11	595	646	576	21

Dimensions (mm)

TECHNICAL DATA

	Models	Code	V ~ 50 Hz	W	A	Poles	RPM	Max Airflow		Max Pressure		Lp dB(A) 3m	Kg	Max °C	IP motor
								m³/h	l/s	mmH₂O	Pa				
SINGLE PHASE	RF-EU M10 4P	15120	230	92	0.41	4	1345	1365	379	18.8	184	35.8	11.7	40	44
	RF-EU M15 4P	15121		118	0.56	4	1400	1440	400	22.8	223	28.3	12.6		
	RF-EU M20 4P	15122		150	0.66	4	1395	2150	597	28.7	281	34.1	13.0		
	RF-EU M30 4P	15123		500	2.33	4	1370	4000	1111	43.7	428	43.6	25.4		
	RF-EU M50 4P	15124		470	2.14	4	1328	3900	1083	50.6	496	39.7	27.5		
	RF-EU M70 4P	15125		906	4.42	4	1310	6700	1861	44.4	435	47.2	33.8		
THREE PHASE	RF-EU T10 4P	15126	400	93	0.21	4	1367	1350	375	20.7	203	30.5	12.8	40	44
	RF-EU T15 4P	15127		137	0.28	4	1387	1810	503	25.9	254	37.7	13.8		
	RF-EU T20 4P	15128		258	0.49	4	1395	2980	828	37.2	365	36.6	22.3		
	RF-EU T30 4P	15129		523	1.04	4	1400	4100	1139	54.9	538	38.7	25.4		
	RF-EU T50 4P	15130		700	1.44	4	1400	5100	1417	66.1	648	50.3	28.2		
	RF-EU T70 4P	15131		853	1.63	4	1370	5850	1625	66.2	649	49.1	29.5		
	RF-EU T70 6P	15132		712	1.57	6	900	8100	2250	40.7	399	43.8	55.5		
	RF-EU T100 4P	15133		2700	4.92	4	1430	13100	3639	98.0	961	58.3	60		
	RF-EU T100 6P	15134		1210	2.60	6	910	12000	3333	51.8	508	46.9	64.7		
	RF-EU T100 8P	15135		830	1.85	8	650	11000	3055	30.9	303	43.5	81		
RF-EU T150 6P	15136	1990	3	6	890	14500	4028	56.0	549	46.1	77.3				

Conforms with ISO 9614 for noise and pressure levels. Operating temperature from -25 °C to +40 °C in continuous operation.

TORRETTE TR E

CENTRIFUGAL ROOF FANS WITH HORIZONTAL DISCHARGE

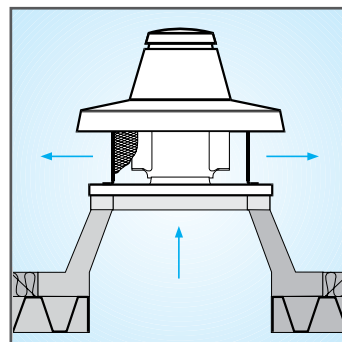
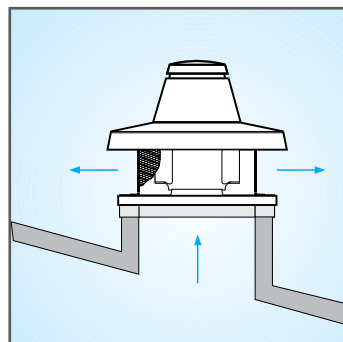
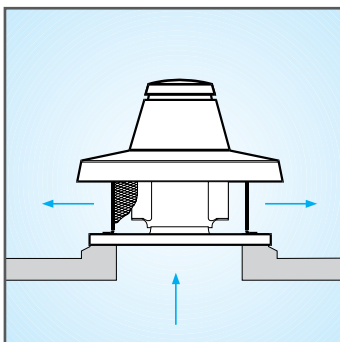
Product specifications

- 20 models: 6 single phase, 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.
- Delivery 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: I. Ⓢ

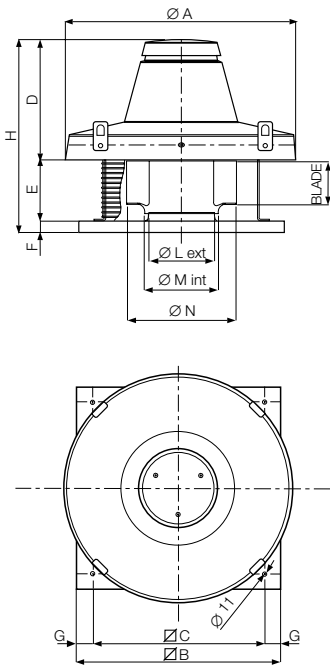


KEY FEATURES

- For installation in commercial and industrial environments, discos, offices, theatres, apartment buildings, gyms, 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.



DIMENSIONS



Models	Code	Ø A	Ø B	Ø C	D	E	F	G	H	Ø L	Ø M	Ø N
TRM 10 E 4P	15115	600	410	357	310	108	38	26.5	456	170	187.5	283
TRM 15 E 4P	15205	600	410	357	310	108	38	26.5	456	182	199	315
TRM 20 E 4P	15216	780	550	500	398	128	38	25	564	219	236.5	359
TRM 30 E 4P	15356	780	550	500	398	146	38	25	582	244	265.5	404
TRM 50 E 4P	15556	780	550	500	398	173	38	25	609	278	298	454
TRM 70 E 4P	15070	1015	830	750	449	283	38	40	770	328	335	504
TRT 10 E 4P	15155	600	410	357	310	108	38	26.5	456	170	187.5	283
TRT 15 E 4P	15255	600	410	357	310	108	38	26.5	456	182	199	315
TRT 20 E 4P	15215	780	550	500	398	128	38	25	564	219	236.5	359
TRT 30 E 4P	15355	780	550	500	398	146	38	25	582	244	265.5	404
TRT 50 E 4P	15555	780	550	500	398	173	38	25	609	278	298	454
TRT 70 E 4P	15071	1015	830	750	449	283	38	40	770	328	335	504
TRT 70 E 6P	15072	1015	830	750	449	283	38	40	770	365	375	564
TRT 100 E 4P	15073	1015	830	750	449	283	38	40	770	365	375	564
TRT 100 E 6P	15074	1165	980	900	605	383	38	40	1026	415	421	635
TRT 100 E 8P	15075	1165	980	900	605	383	38	40	1026	465	472	715
TRT 150 E 6P	15076	1165	980	900	605	383	38	40	1026	465	529	805
TRT 150 E 8P	15077	1165	980	900	605	383	38	40	1026	520	529	805
TRT 180 E 6P	15078	1165	980	900	605	383	38	40	1026	520	529	805
TRT 210 E 6P	15079	1165	980	900	605	383	38	40	1026	520	529	805

Dimensions (mm)

TECHNICAL DATA

	Models	Code	V ~ 50 Hz	W	A	Poles	RPM	Max Airflow		Max Pressure		Lp dB(A) 3m	Kg	Max °C	IP motor
								m³/h	l/s	mmH₂O	Pa				
SINGLE PHASE	TRM 10 E 4P	15115	230	100	0.50	4	1400	1100	306	22	216	56	14.5	90	55
	TRM 15 E 4P	15205		150	0.70	4	1400	1400	389	26	255	58.5	15	80	
	TRM 20 E 4P	15216		280	1.30	4	1415	2600	722	36	353	62	22	85	
	TRM 30 E 4P	15356		400	1.80	4	1425	3300	917	44	432	67	23	70	
	TRM 50 E 4P	15556		800	3.70	4	1480	4800	1333	55	540	72.5	28	80	
	TRM 70 E 4P	15070		1000	4.35	4	1415	6400	1778	67.5	662	77	79	90	
THREE PHASE	TRT 10 E 4P	15155	400	100	0.30	4	1400	1100	306	22	216	56	14.5	90	
	TRT 15 E 4P	15255		150	0.30	4	1400	1400	389	26	255	58.5	15	90	
	TRT 20 E 4P	15215		300	0.60	4	1400	2700	750	35	343	62	22	90	
	TRT 30 E 4P	15355		400	0.75	4	1400	3200	889	46	451	67	23	90	
	TRT 50 E 4P	15555		800	1.45	4	1400	4900	1361	61	598	72.5	28	90	
	TRT 70 E 4P	15071		950	1.85	4	1440	6400	1778	69	674	77	77	90	
	TRT 70 E 6P	15072		600	1.30	6	950	7000	1944	38	373	74	80	90	
	TRT 100 E 4P	15073		1900	3.25	4	1420	10000	2778	84.5	830	84	81	70	
	TRT 100 E 6P	15074		1100	2.30	6	950	10800	3000	48	471	77	117	85	
	TRT 100 E 8P	15075		930	2.10	8	715	11000	3056	34	334	71	127	80	
	TRT 150 E 6P	15076		1930	3.45	6	930	15000	4167	61	598	80	128	80	
	TRT 150 E 8P	15077		1600	3.10	8	715	15000	4167	45	441	74	132	75	
TRT 180 E 6P	15078	3100	5.95	6	970	16000	4444	79	775	83	130	80			
TRT 210 E 6P	15079	3400	6.40	6	980	18000	5000	79	775	84	180	70			

Conforms with ISO 3744 for noise and pressure levels. The appliances are designed so that they are able to operate at an air temperature more than 65°C.

TORRETTE TR E-V



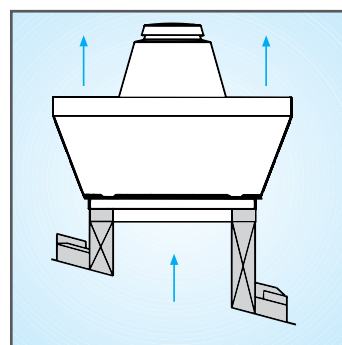
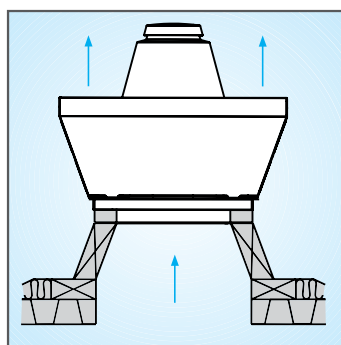
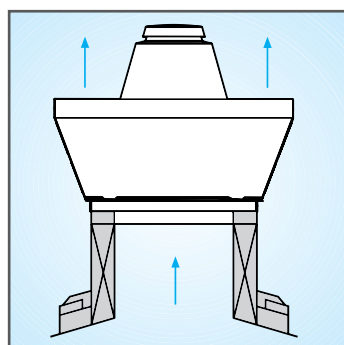
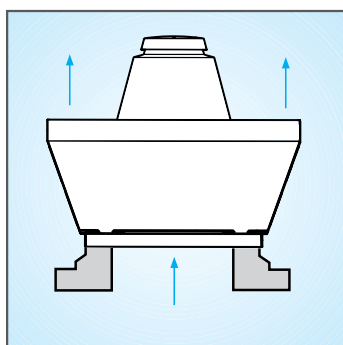
CENTRIFUGAL ROOF FANS WITH VERTICAL DISCHARGE

Product specifications

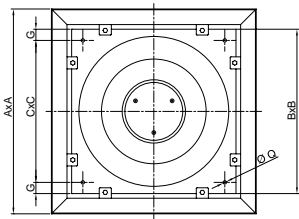
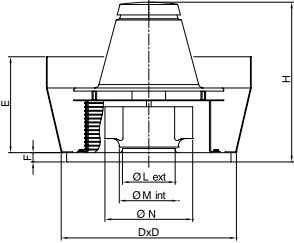
- 20 models: 6 single phase, 14 three phase.
- Vertical air extraction with polyester painted, galvanised steel reinforcements.
- Metal frame coated in corrosion-proof epoxy resin to assure long life and weather resistance.
- Aerodynamic suction nozzle in polyester painted steel sheet.
- All models fitted 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.
- Delivery up to 18.000 m³/h.
- Motor insulation class H for models 15182, 15190, 15193, 15195, 15196; F for all other models.
- Protection rating: IP55.
- Insulation class: I. Ⓢ

KEY FEATURES

- For installation in commercial and industrial environments, discos, offices, theatres, apartment buildings, gyms, 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.



DIMENSIONS



Models	Code	Ø A	Ø B	Ø C	D	E	F	G	H	Ø L	Ø M	Ø N	Ø Q
TRM 10 E-V 4P	15180	652	410	357	440	328	38	26.5	502	170	187.5	283	11
TRM 15 E-V 4P	15182	652	410	357	440	328	38	26.5	502	182	199	315	11
TRM 20 E-V 4P	15197	907	550	500	580	432	38	25	586	219	236.5	359	11
TRM 30 E-V 4P	15198	907	550	500	580	432	38	25	604	244	265.5	404	11
TRM 50 E-V 4P	15199	907	550	500	580	432	38	25	631	278	298	454	11
TRM 70 E-V 4P	15188	1144	830	750	860	491	38	40	723	328	375	564	12
TRT 10 E-V 4P	15181	652	410	357	440	328	38	26.5	502	170	187.5	283	11
TRT 15 E-V 4P	15183	652	410	357	440	328	38	26.5	502	182	199	315	11
TRT 20 E-V 4P	15184	907	550	500	580	432	38	25	586	219	236.5	359	11
TRT 30 E-V 4P	15185	907	550	500	580	432	38	25	604	244	265.5	404	11
TRT 50 E-V 4P	15186	907	550	500	580	432	38	25	631	278	298	454	11
TRT 70 E-V 4P	15187	1144	830	750	860	491	38	40	723	328	375	564	12
TRT 70 E-V 6P	15189	1144	830	750	860	491	38	40	723	365	375	564	12
TRT 100 E-V 4P	15190	1144	830	750	860	491	38	40	723	365	421	635	12
TRT 100 E-V 6P	15191	1462	980	900	1010	595	38	40	903	415	472	715	12
TRT 100 E-V 8P	15192	1462	980	900	1010	595	38	40	903	465	472	715	12
TRT 150 E-V 6P	15193	1462	980	900	1010	595	38	40	903	465	472	715	12
TRT 150 E-V 8P	15194	1462	980	900	1010	595	38	40	903	520	529	805	12
TRT 180 E-V 6P	15195	1462	980	900	1010	595	38	40	905	520	529	805	12
TRT 210 E-V 6P	15196	1462	980	900	1010	595	38	40	905	520	529	805	12

Dimensions (mm)

TECHNICAL DATA

	Models	Code	V ~ 50 Hz	W	A	Poles	RPM	Max Airflow		Max Pressure		Lp dB(A) 3m	Kg	Max °C	IP motor
								m³/h	l/s	mmH₂O	Pa				
SINGLE PHASE	TRM 10 E-V 4P	15180	230	100	0.50	4	1400	1100	306	22	216	56	23	90	55
	TRM 15 E-V 4P	15182		150	0.70	4	1400	1400	389	26	255	58.5	24	80	
	TRM 20 E-V 4P	15197		280	1.30	4	1415	2600	722	36	353	62	43	85	
	TRM 30 E-V 4P	15198		400	1.80	4	1425	3300	917	44	432	67	45	70	
	TRM 50 E-V 4P	15199		800	3.70	4	1480	4800	1333	55	540	72.5	51	80	
	TRM 70 E-V 4P	15188		1000	4.35	4	1415	6400	1778	67.5	662	77	105	90	
THREE PHASE	TRT 10 E-V 4P	15181	400	100	0.30	4	1400	1100	306	22	216	56	23	90	
	TRT 15 E-V 4P	15183		150	0.30	4	1400	1400	389	26	255	58.5	24	90	
	TRT 20 E-V 4P	15184		300	0.60	4	1400	2700	750	35	343	62	43	90	
	TRT 30 E-V 4P	15185		400	0.75	4	1400	3200	889	46	451	67	45	90	
	TRT 50 E-V 4P	15186		800	1.45	4	1400	4900	1361	61	598	72.5	51	90	
	TRT 70 E-V 4P	15187		950	1.85	4	1440	6400	1778	69	674	77	103	90	
	TRT 70 E-V 6P	15189		600	1.30	6	950	7000	1944	38	373	74	106	90	
	TRT 100 E-V 4P	15190		1900	3.25	4	1420	10000	2778	84.5	830	84	107	70	
	TRT 100 E-V 6P	15191		1100	2.30	6	950	10800	3000	48	471	77	161	85	
	TRT 100 E-V 8P	15192		930	2.10	8	715	11000	3056	34	334	71	171	80	
	TRT 150 E-V 6P	15193		1930	3.45	6	930	15000	4167	61	598	80	172	80	
	TRT 150 E-V 8P	15194		1600	3.10	8	715	15000	4167	45	441	74	176	75	
TRT 180 E-V 6P	15195	3100	5.95	6	970	16000	4444	79	775	83	130	80			
TRT 210 E-V 6P	15196	3400	6.40	6	980	18000	5000	79	775	84	180	70			

Conforms with ISO 3744 for noise and pressure levels. The appliances are designed so that they are able to operate at an air temperature more than 65°C.

TORRETTE TR ED



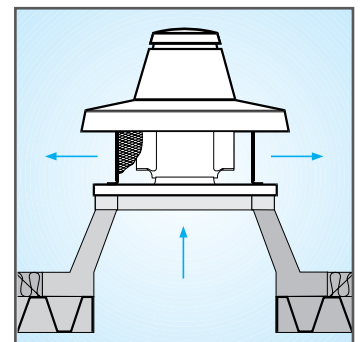
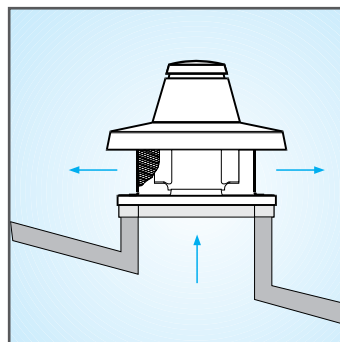
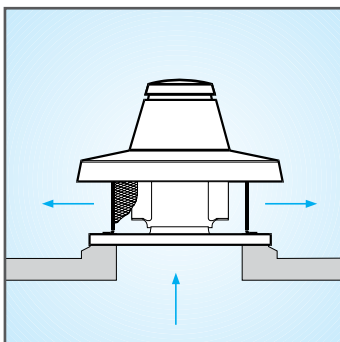
CENTRIFUGAL ROOF FANS WITH HORIZONTAL DISCHARGE FOR HOT FUMES EXTRACTION

Product specifications:

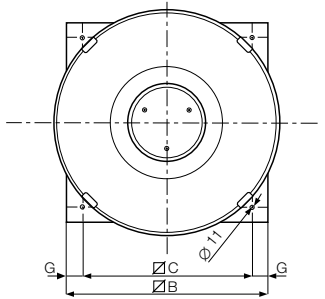
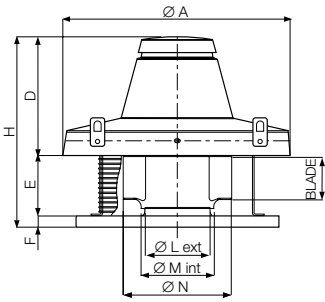
- 20 models: 6 single phase, 14 three phase.
- All models fitted with steel bird guard.
- Asynchronous induction motors, thermally protected, standard UNELMEC B5 size, ball bearing mounted shafts.
- Galvanised steel sheet fan with self cleaning, backward curved blades, self-ventilating, die casted aluminium hub, clockwise rotation (intake view).
- Streamlined cross-section intake port, made of polyester sheet steel painted.
- For long term safety each unit has a safety cable to anchor it to the base.
- Delivery: up to 18.000 m³/h.
- The usage is admitted also in ambient temperature between -25°C and +90°C only in countries that do not recognize the N°327/2011/UE European Regulation.
- *Minimum speed operation is admitted for products used for cold air treatment (fans not intended for hot fumes 400°C / 2h aspiration) in countries that do not adhere to N°327/2011/UE European regulation.*
- Motors insulation class H.
- Protection rating: IP55
- Insulation class: I. Ⓢ

KEY FEATURES

- Easy to install on all types of roof.
For low dust, acid-free and non-corrosive air extraction only. Not suitable for installation in ducts located directly above fireplaces or burners.
- Engineered for 2 hours continuous extraction of fumes at 400 °C according to EN 12101-3.
- Three-phase modes 10-150: 2 speeds; minimum speed not available for hot fumes extraction.



DIMENSIONS



Models	Code	Ø A	Ø B	Ø C	D	E	F	G	H	Ø L	Ø M	Ø N
TRM 10 ED 4P	15039	600	410	357	309	166	38	26.5	513	183	187.5	280
TRM 15 ED 4P	15041	600	410	357	309	166	38	26.5	513	206	187.5	280
TRM 20 ED 4P	15043	780	550	500	397	226	38	25	661	231	211	315
TRM 30 ED 4P	15046	780	550	500	397	226	38	25	661	260	211	315
TRM 50 ED 4P	15048	780	550	500	397	243	38	25	678	292	236.5	355
TRM 70 ED 4P	15080	1015	830	750	449	283	38	40	770	328	236.5	355
TRT 10 ED 4P	15040	600	410	357	309	166	38	26.5	513	183	265.5	400
TRT 15 ED 4P	15042	600	410	357	309	166	38	26.5	513	206	265.5	400
TRT 20 ED 4P	15045	780	550	500	397	226	38	25	661	231	298	450
TRT 30 ED 4P	15047	780	550	500	397	226	38	25	661	260	298	450
TRT 50 ED 4P	15049	780	550	500	397	243	38	25	678	292	335	504
TRT 70 ED 4P	15081	1015	830	750	449	283	38	40	770	328	335	504
TRT 70 ED 6P	15082	1015	830	750	449	283	38	40	770	365	375	562
TRT 100 ED 4P	15083	1015	830	750	449	283	38	40	770	365	375	562
TRT 100 ED 6P	15084	1165	980	900	605	383	38	40	1026	415	421	635
TRT 100 ED 8P	15085	1165	980	900	605	383	38	40	1026	465	472	715
TRT 150 ED 6P	15086	1165	980	900	605	383	38	40	1026	465	472	715
TRT 150 ED 8P	15087	1165	980	900	605	383	38	40	1026	520	529	805
TRT 180 ED 6P	15919	1165	980	900	605	383	38	40	1026	520	529	805
TRT 210 ED 6P	15920	1165	980	900	605	383	38	40	1026	520	529	805


Dimensions (mm)

TECHNICAL DATA

	Models	Code	V ~ 50 Hz	W min/max	A min/max	Poles	RPM	Max Airflow		Max Pressure		Lp dB(A) 3m*	Kg	Max °C	IP motor
								m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max				
SINGLE PHASE	TRM 10 ED 4P	15039	220-240	110	0.46	4	1395	1000	278	20	196	56	18.5	400 °C/2H	55
	TRM 15 ED 4P	15041		140	0.60	4	1315	1400	389	24	235	58.5	19		
	TRM 20 ED 4P	15043		270	1.20	4	1375	2200	611	34	334	68	33		
	TRM 30 ED 4P	15046		420	1.90	4	1285	3100	861	40	392	67	35		
	TRM 50 ED 4P	15048		720	3.30	4	1290	4500	1250	52	510	72.5	40		
	TRM 70 ED 4P	15080		1020	4.50	4	1415	5800	1611	65	638	77	80		
THREE PHASE	TRT 10 ED 4P	15040	380- 415	72 100	0.13 0.24	4	1270 1430	890 1100	247 306	17 21	167 206	56	18.5	400 °C/2H	55
	TRT 15 ED 4P	15042		93 130	0.16 0.27	4	1150 1400	1100 1400	306 389	16 24	157 235	58.5	19		
	TRT 20 ED 4P	15045		208 270	0.32 0.53	4	1050 1400	1800 2200	500 611	24 34	235 334	68	33		
	TRT 30 ED 4P	15047		305 420	0.48 0.75	4	1070 1400	2555 3100	710 861	30 43	294 422	67	35		
	TRT 50 ED 4P	15049		530 690	0.80 1.20	4	1150 1400	3800 4500	1056 1250	38 52	373 510	72.5	78		
	TRT 70 ED 4P	15081		820 1090	1.50 2.00	4	1150 1400	5300 6000	1472 1667	52 67	510 657	77	78		
	TRT 70 ED 6P*	15082		420 580	0.80 1.30	6	750 950	5300 6000	1472 1667	30 38	294 373	74	81		
	TRT 100 ED 4P	15083		1400 1950	2.30 4.90	4	1200 1400	8300 9100	2306 2528	72 84	706 824	84	81.5		
	TRT 100 ED 6P	15084		900 1130	1.40 2.40	6	730 950	7550 8600	2097 2389	38 47	373 461	77	114		
	TRT 100 ED 8P	15085		600 860	1.20 2.00	8	570 715	8200 9200	2278 2556	28 34	275 334	71	124		
	TRT 150 ED 6P	15086		1280 1930	2.40 3.50	6	700 930	11000 12800	3056 3556	42 59	412 579	80	125		
	TRT 150 ED 8P	15087		1000 1500	2.00 3.00	8	610 715	11600 13500	3222 3750	34 42	334 412	74	129		
	TRT 180 ED 6P**	15919		3200	6.11	6	950	16500	4583	79	775	83	220		
	TRT 210 ED 6P	15920		3460	6.42	6	950	18000	5000	80	785	84	222		

* 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.

DECLARATION OF PERFORMANCE CE

VORTICE ELETTROSOCIALI S.p.A 
 Strada Cerca, 2 - frazione di Zoate
 20067 TRIBIANO Milano, Italy

hereby declares that the performance of products:

Model	Code	Notified Body	Model	Code	Notified Body
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

used for the evacuation of fumes and heat, is as follows:

Essential characteristics	Performance	Harmonised standard
400°C for a duration of 120 minutes	F400	Smoke and heat control system Specification for powered smoke and heat exhaust ventilators EN 12101-3(2002)+AC(2005)

verified by the following European Notified Bodies:

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

Certificate No.:

- 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

Certificate No.:

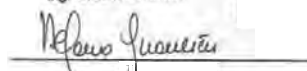
- 0370CPR 0860
- 0370CPR 0861

The consistent performance of the above products is guaranteed by a Grade 1 system, in accordance with appendix V of European Regulation No. **305/2011 (EU)**.

Chief Executive: **Ing. Stefano Guantieri**

Tribiano, 01/02/2013

VORTICE ELETTROSOCIALI S.p.A.
 Direttore Generale
 Ing. Stefano Guantieri



WARNING

TR ED-V ROOF FANS (400 °C/2H) ARE CERTIFIED ACCORDING TO THE EN 12101-3 STANDARD FOR OPERATING AT MAX SPEED; NOT SUITABLE FOR COUPLING WITH COMMUTARS ABD SPEED CONTROLLERS IF USED FOR THESE FUNCTIONS.

TORRETTE TR ED-V



CENTRIFUGAL ROOF FANS WITH VERTICAL DISCHARGE FOR HOT FUMES EXTRACTION

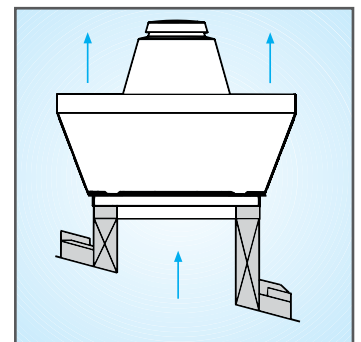
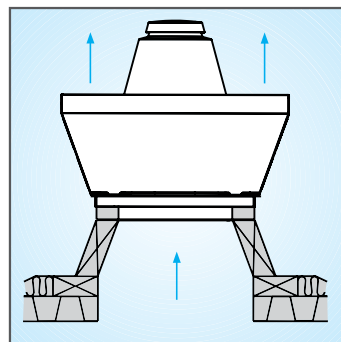
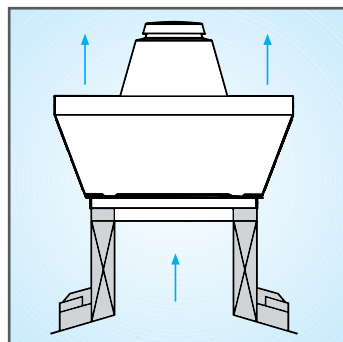
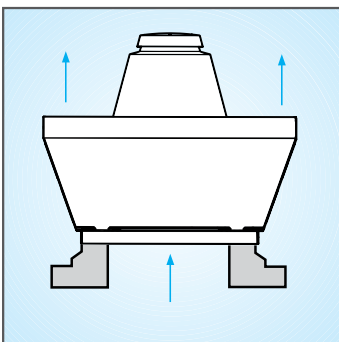
Product specifications:

- 20 models: 6 single phase, 14 three phase.
- All models fitted with steel bird guard.
- Asynchronous induction motors, thermally protected, standard UNELMEC B5 size, ball bearing mounted shafts.
- Galvanised steel sheet fan with self cleaning, backward curved blades, self-ventilating, die casted aluminium hub, clockwise rotation (intake view).
- Streamlined cross-section intake port, made of polyester sheet steel painted.
- For long term safety each unit has a safety cable to anchor it to the base.
- Delivery: up to 18.000 m³/h.
- The usage is admitted also in ambient temperature between -25°C and +90°C only in countries that do not recognize the N°327/2011/UE European Regulation.
- *Minimum speed operation is admitted for products used for cold air treatment (fans not intended for hot fumes 400°C / 2h aspiration) in countries that do not adhere to N°327/2011/UE European regulation.*
- Motor insulation class H.
- Protection rating: IP55.
- Insulation class: I. Ⓢ

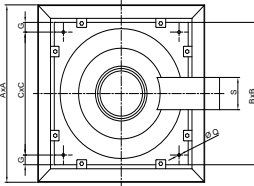
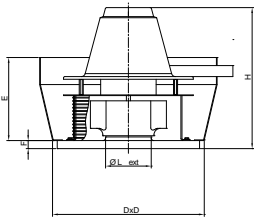
CE

KEY FEATURES

- Easy to install on all types of roof.
For low dust, acid-free and non-corrosive air extraction only. Not suitable for installation in ducts located directly above fireplaces or burners.
- Engineered for 2 hours continuous extraction of fumes at 400 °C according to EN 12101-3.
- Three-phase modes 10-150: 2 speeds; minimum speed not available for hot fumes extraction.



DIMENSIONS



Models	Code	Ø A	Ø B	Ø C	D	E	F	G	H	Ø L	Ø M	Ø N	Ø Q	S
TRM 10 ED-V 4P	15160	652	410	357	440	328	38	26.5	538	183	187.5	284	11	120
TRT 10 ED-V 4P	15161	652	410	357	440	328	38	26.5	538	183	187.5	284	11	120
TRM 15 ED-V 4P	15162	652	410	357	440	328	38	26.5	538	206	211	319	11	120
TRT 15 ED-V 4P	15163	652	410	357	440	328	38	26.5	538	206	211	319	11	120
TRM 20 ED-V 4P	15164	907	550	500	580	432	38	25	653	231	236.5	359	11	120
TRT 20 ED-V 4P	15165	907	550	500	580	432	38	25	653	231	236.5	359	11	120
TRM 30 ED-V 4P	15166	907	550	500	580	432	38	25	653	260	236.5	404	11	120
TRT 30 ED-V 4P	15167	907	550	500	580	432	38	25	653	260	236.5	404	11	120
TRM 50 ED-V 4P	15168	907	550	500	580	432	38	25	669	292	298	454	11	120
TRT 50 ED-V 4P	15169	907	550	500	580	432	38	25	669	292	298	454	11	120
TRM 70 ED-V 4P	15170	1144	830	750	860	491	38	40	743	328	335	504	12	160
TRT 70 ED-V 4P	15171	1144	830	750	860	491	38	40	743	328	335	504	12	160
TRT 70 ED-V 6P	15172	1144	830	750	860	491	38	40	743	365	375	564	12	160
TRT 100 ED-V 4P	15173	1144	830	750	860	491	38	40	743	365	375	564	12	160
TRT 100 ED-V 6P	15174	1462	980	900	1010	595	38	40	923	415	421	635	12	160
TRT 100 ED-V 8P	15175	1462	980	900	1010	595	38	40	923	465	472	715	12	160
TRT 150 ED-V 6P	15176	1462	980	900	1010	595	38	40	923	465	472	715	12	160
TRT 150 ED-V 8P	15177	1462	980	900	1010	595	38	40	923	520	529	805	12	160
TRT 180 ED-V 6P	15178	1462	980	900	1010	595	38	40	923	520	529	805	12	160
TRT 210 ED-V 6P	15179	1462	980	900	1010	595	38	40	923	520	529	805	12	160

Dimensions (mm)

TECHNICAL DATA

	Models	Code	V ~ 50 Hz	W min/max	A min/max	Poles	RPM	Max Airflow		Max Pressure		Lp dB(A) 3m*	Kg	Max °C	IP motor	
								m³/h min/max	l/s min/max	mmH ₂ O min/max	Pa min/max					
SINGLE PHASE	TRM 10 ED-V 4P	15160	230	100	0.45	4	1450	1000	278	20	196	56	32	400 °C/2H	55	
	TRM 15 ED-V 4P	15162		130	0.57		1400	1400	389	24	235	58.5	33			
	TRM 20 ED-V 4P	15164		250	1.20		1400	2200	611	34	334	68	33			
	TRM 30 ED-V 4P	15166		410	1.75		1380	3100	861	40	392	67	33			
	TRM 50 ED-V 4P	15168		720	3.30		1350	4500	1250	52	510	72.5	61			
	TRM 70 ED-V 4P	15170		1000	4.35		1350	5800	1611	65	638	77	61			
THREE PHASE	TRT 10 ED-V 4P	15161	400	75 100	0.15 0.25	4	1250 1450	890 1100	247 306	17 21	167 206	56	63	400 °C/2H	55	
	TRT 15 ED-V 4P	15163		85 125	0.15 0.27		1100 1400	1100 1400	306 389	16 24	157 235	58.5	63			
	TRT 20 ED-V 4P	15165		200 250	0.35 0.50		1100 1420	1800 2200	500 611	24 34	235 334	68	68			
	TRT 30 ED-V 4P	15167		300 410	0.50 0.70		1100 1380	2550 3100	500 861	30 43	294 422	67	68			
	TRT 50 ED-V 4P	15169		550 710	0.90 1.25		1100 1380	3800 4500	1056 1250	38 52	373 510	72.5	130			
	TRT 70 ED-V 4P	15171		900 1100	1.50 2.00		1200 1400	5300 6000	1472 1667	52 67	510 657	77	128			
	TRT 70 ED-V 6P	15172		450 620	0.90 1.30		6	760 940	6000 5300	1472 1667	30 38	294 373	74			131
	TRT 100 ED-V 4P	15173		1400 1870	2.40 4.50		4	1180 1400	9100 8300	2306 2528	72 84	706 824	84			132
	TRT 100 ED-V 6P	15174		800 1110	1.60 2.30		6	760 940	7550 8600	2097 2389	38 47	373 461	71			207
	TRT 100 ED-V 8P	15175		700 810	1.30 2.00		8	610 720	8200 9200	2278 2556	28 34	275 334	71			217
	TRT 150 ED-V 6P	15176		1470 1880	2.45 3.45		6	710 920	11100 12800	3056 3556	42 59	412 579	80			218
	TRT 150 ED-V 8P	15177		1170 1450	2.15 2.95		8	540 720	11600 13500	3222 3750	34 42	334 412	74			222
	TRT 180 ED-V 6P	15178		3200	6.11		6	950	16500	4583	79	775	83			220
	TRT 210 ED-V 6P	15179		3460	6.42		6	950	18000	5000	80	785	84			222

* 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.

DECLARATION OF PERFORMANCE CE

VORTICE ELETTROSOCIALI S.p.A
 Strada Cerca, 2 - frazione di Zoate
 20067 TRIBIANO Milano, Italy



hereby declares that the performance of products:

Model	Code	Notified Body	Model	Code	Notified Body
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

used for the evacuation of fumes and heat, is as follows:

Essential characteristics	Performance	Harmonised standard
400°C for a duration of 120 minutes	F400	Smoke and heat control system Specification for powered smoke and heat exhaust ventilators EN 12101-3(2002)+AC(2005)

verified by the following European Notified Bodies:

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

Certificate No.:

- 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

Certificate No.:

- 0370CPR 0860
- 0370CPR 0861

The consistent performance of the above products is guaranteed by a Grade 1 system, in accordance with appendix V of European Regulation No. **305/2011 (EU)**.

Chief Executive: **Ing. Stefano Guantieri**

Tribiano, 01/02/2013

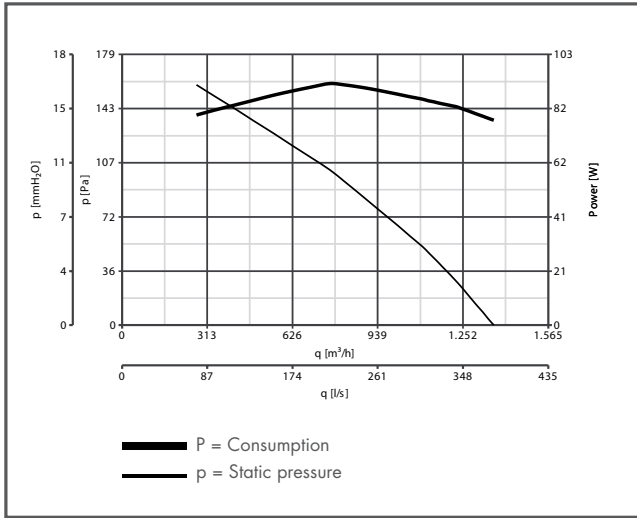
VORTICE ELETTROSOCIALI S.p.A.
 Direttore Generale
 Ing. Stefano Guantieri

WARNING

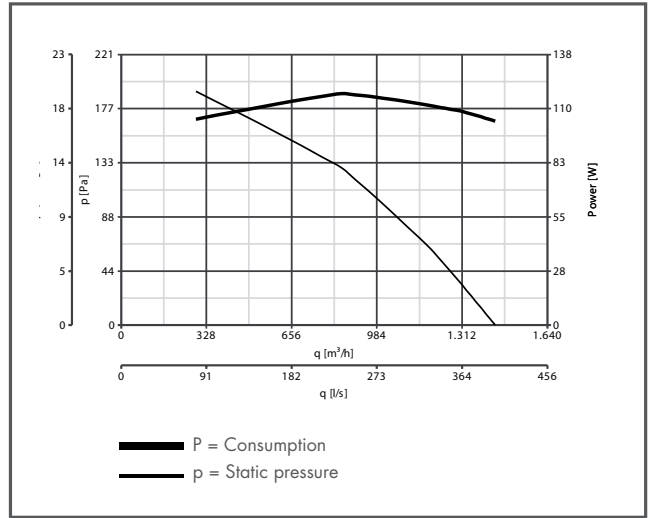
TR ED-V ROOF FANS (400 °C/2H) ARE CERTIFIED ACCORDING TO THE EN 12101-3 STANDARD FOR OPERATING AT MAX SPEED; NOT SUITABLE FOR COUPLING WITH COMMUTARS ABD SPEED CONTROLLERS IF USED FOR THESE FUNCTIONS.

PERFORMANCE CURVES

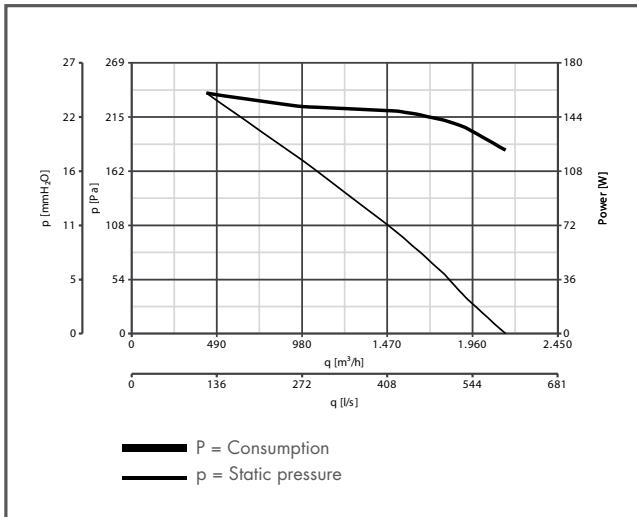
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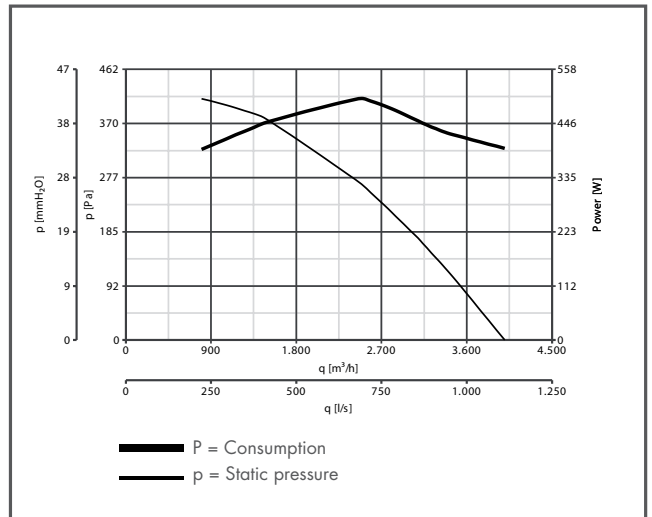
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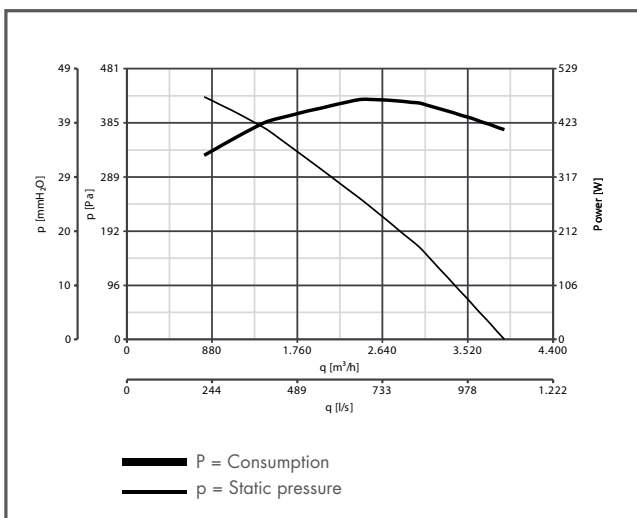
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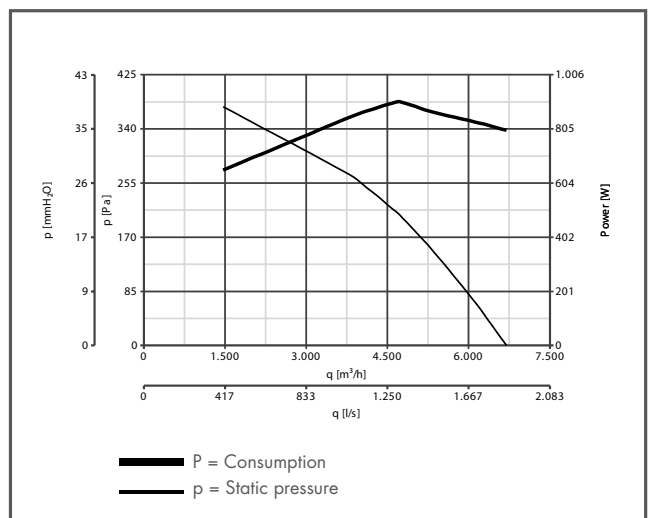
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CODE 15124 TORRETTE RF-EU M50 4P

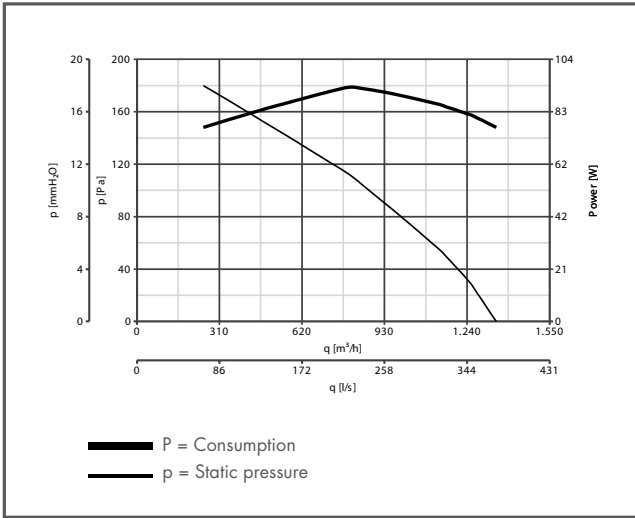


CODE 15125 TORRETTE RF-EU M70 4P

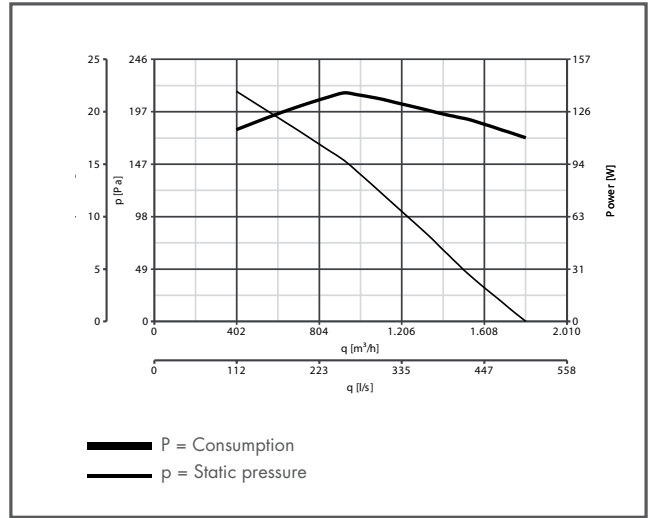


PERFORMANCE CURVES

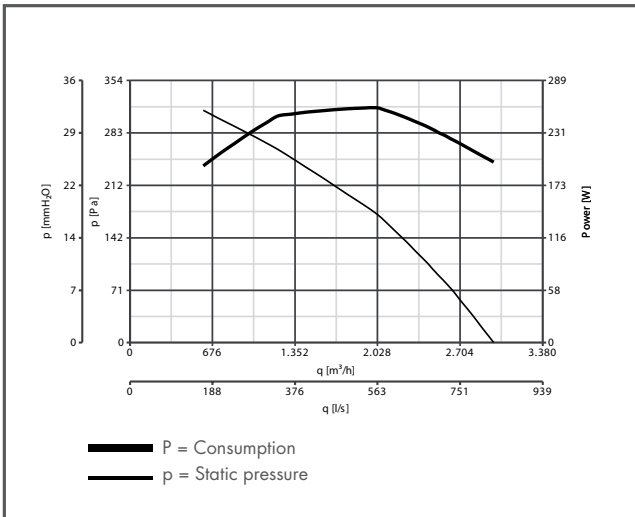
CODE 15126 TORRETTE RF-EU T10 4P



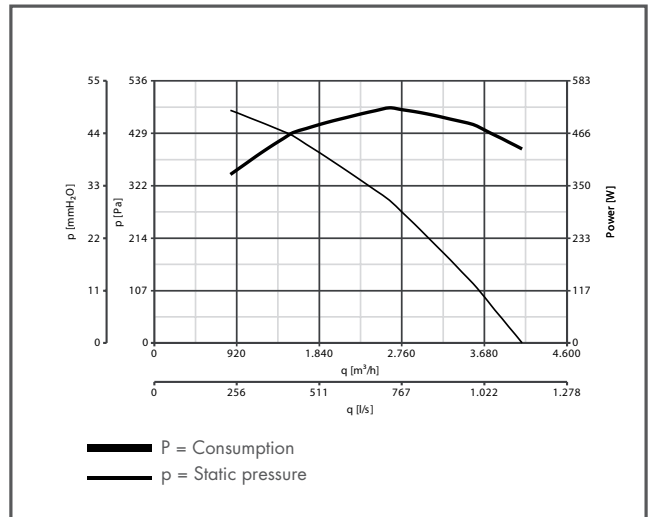
CODE 15127 TORRETE RF-EU T15 4P



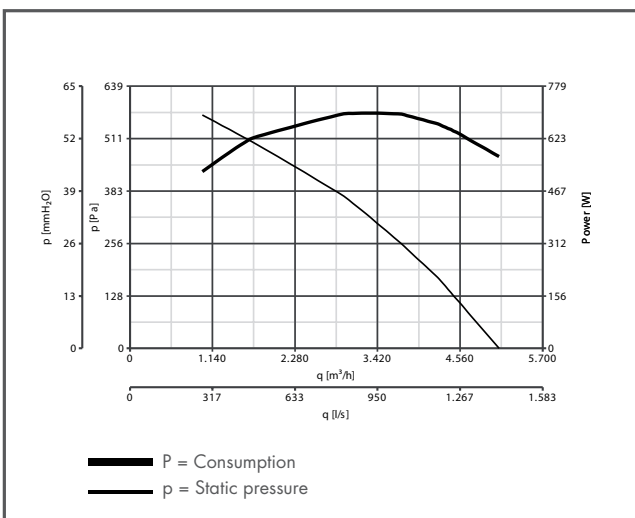
CODE 15128 TORRETTE RF-EU T20 4P



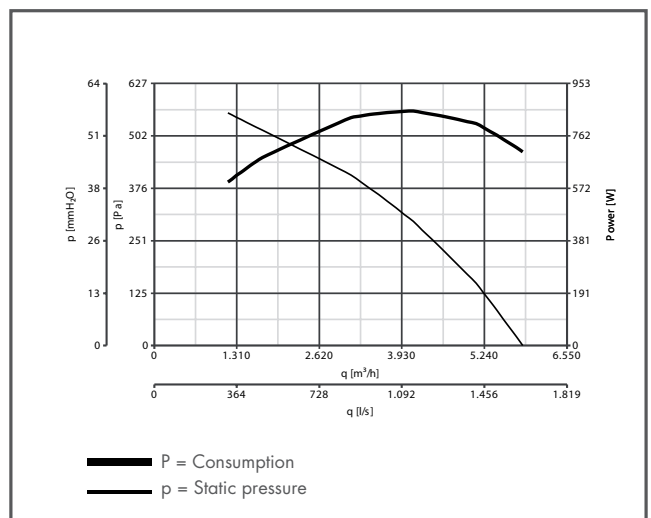
CODE 15129 TORRETTE RF-EU T30 4P



CODE 15130 TORRETTE RF-EU T50 4P

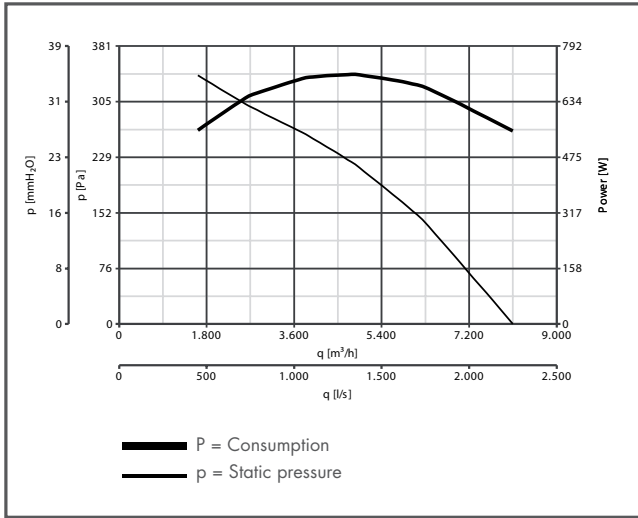


CODE 15131 TORRETTE RF-EU T70 4P

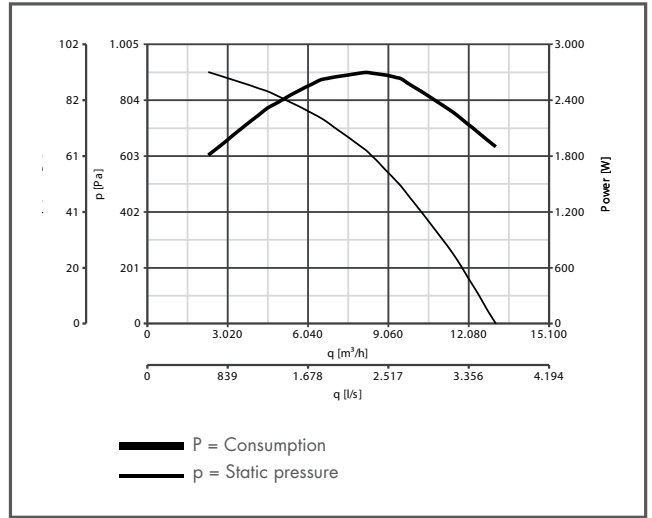


PERFORMANCE CURVES

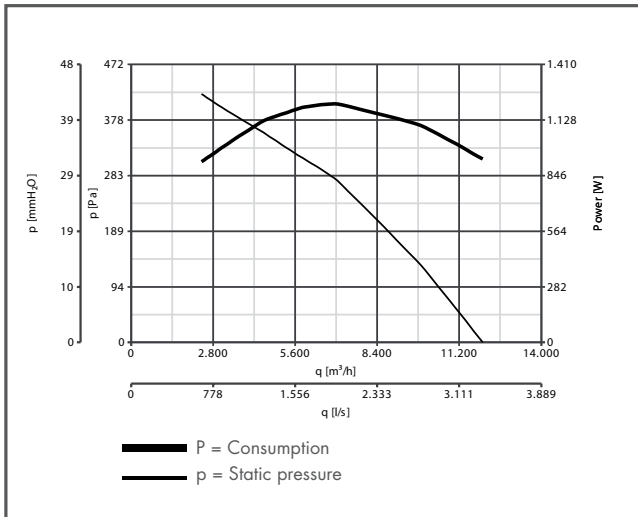
CODE 15132 TORRETTE RF-EU T70 6P



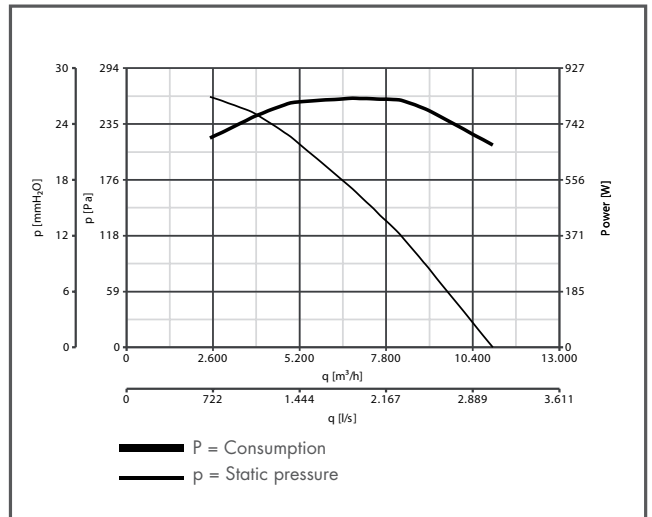
CODE 15133 TORRETTE RF-EU T100 4P



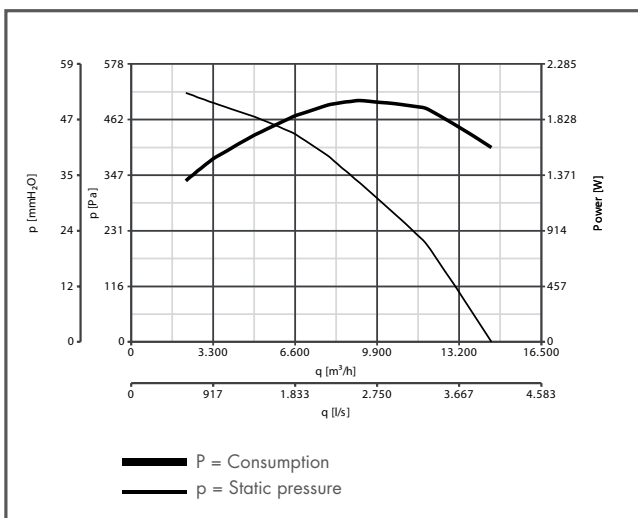
CODE 15134 TORRETTE RF-EU T100 6P



CODE 15135 TORRETTE RF-EU T100 8P



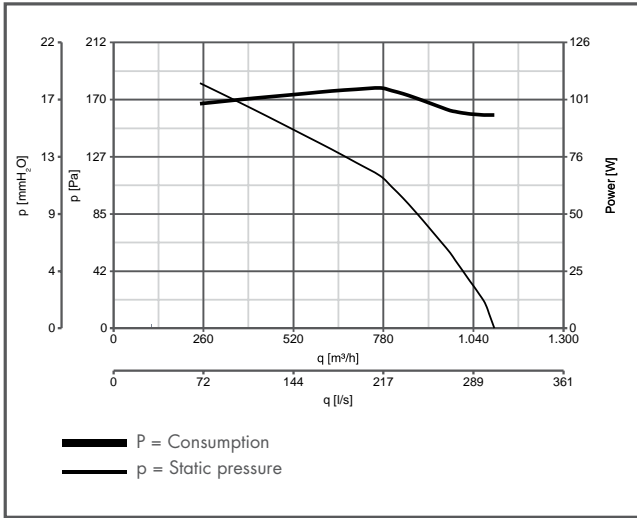
CODE 15136 TORRETTE RF--EU T150 6P



PERFORMANCE CURVES

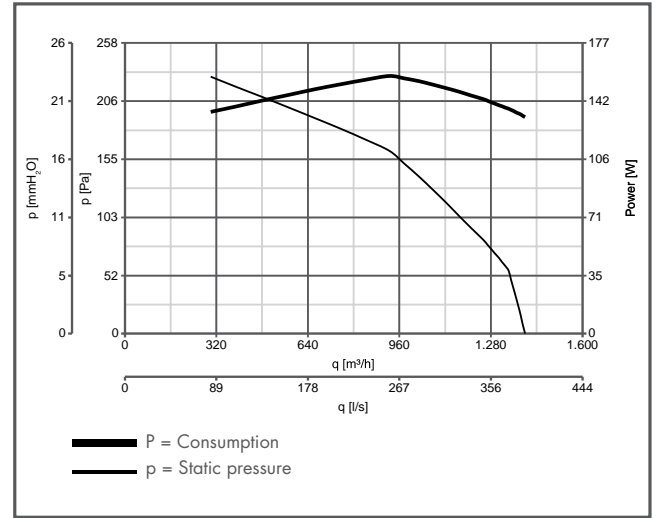
CODES 15115-15180

TORRETTE TRM 10 E-EV 4P



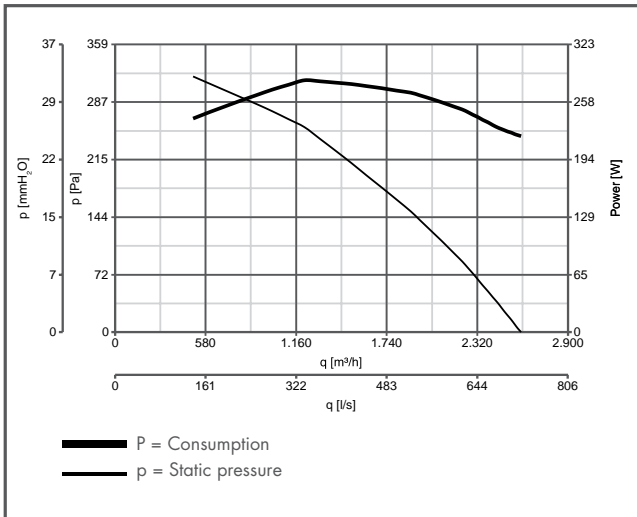
CODES 15205-15182

TORRETTE TRM 15 E-EV 4P



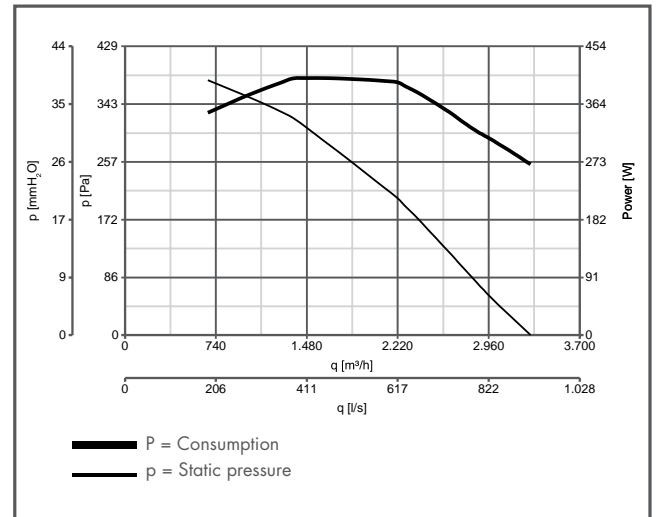
CODES 15216-15197

TORRETTE TRM 20 E-EV 4P



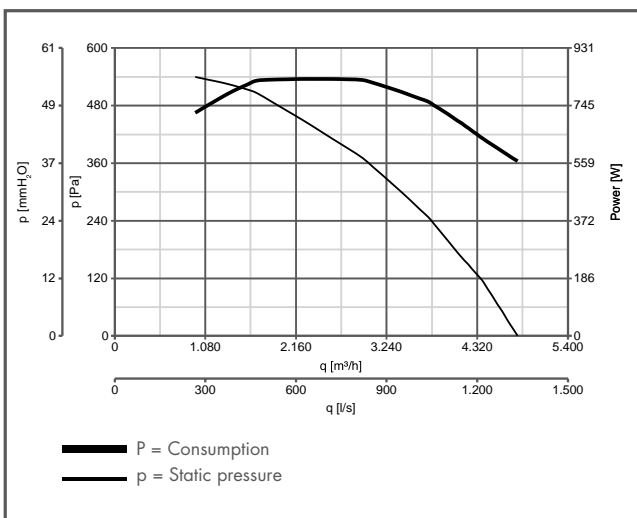
CODES 15356-15198

TORRETTE TRM 30 E-EV 4P



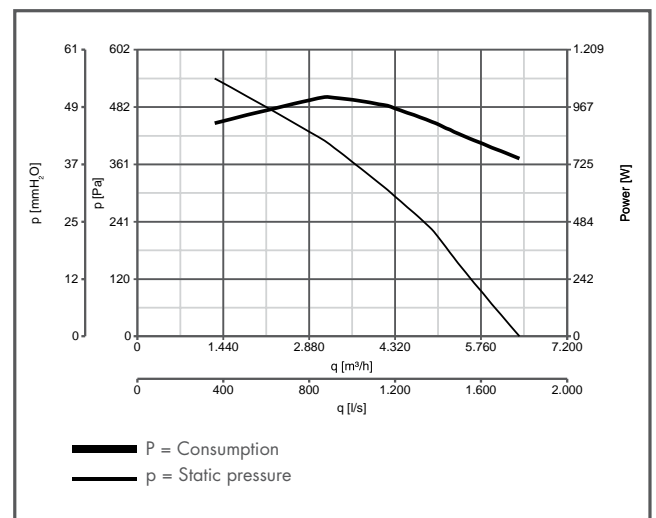
CODES 15556-15199

TORRETTE TRM 50 E-EV 4P



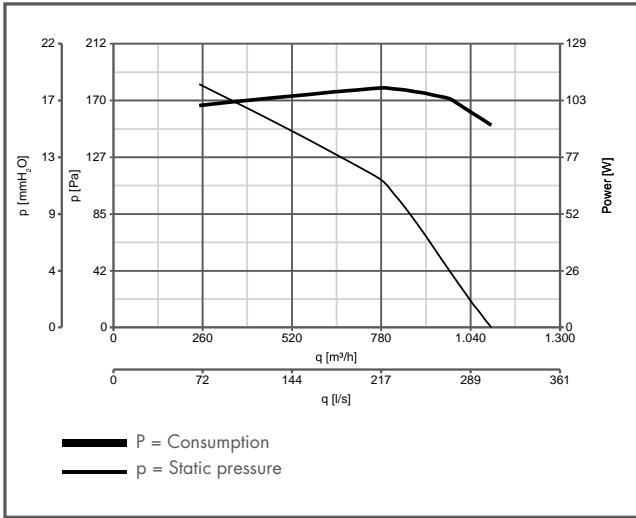
CODES 15070-15188

TORRETTE TRM 70 E-EV 4P

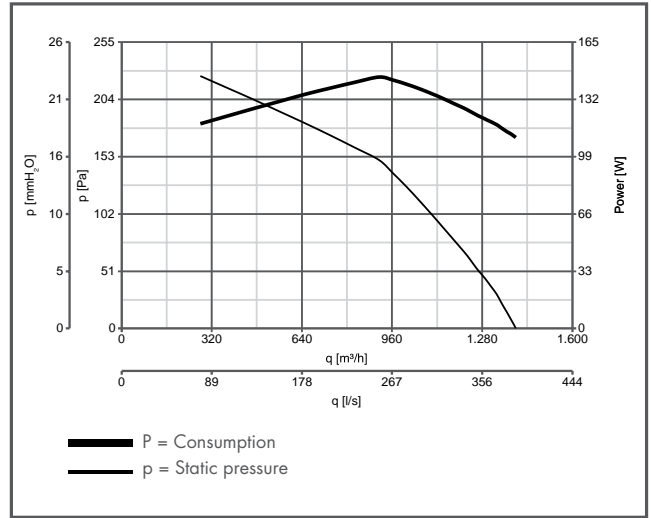


PERFORMANCE CURVES

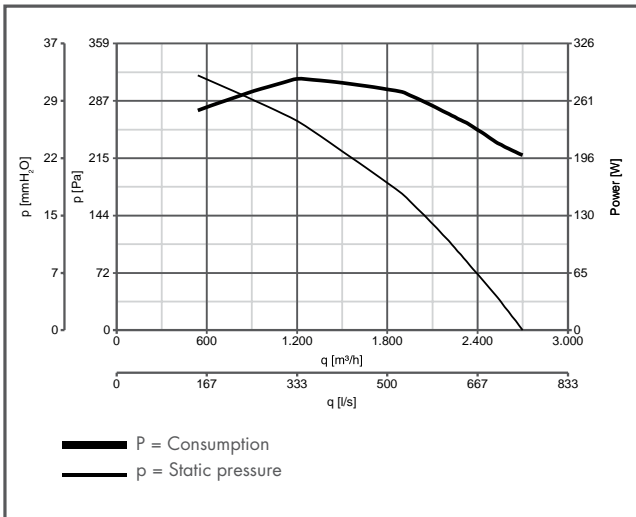
CODES 15155-15181 TORRETTE TRT 10 E-EV 4P



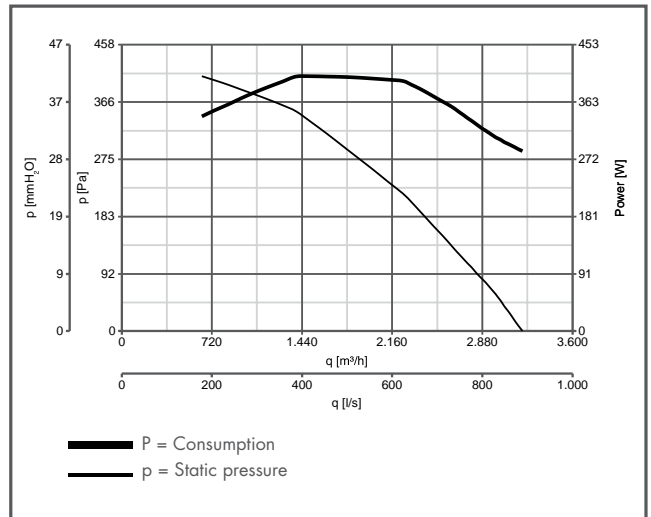
CODES 15255-15183 TORRETTE TRT 15 E-EV 4P



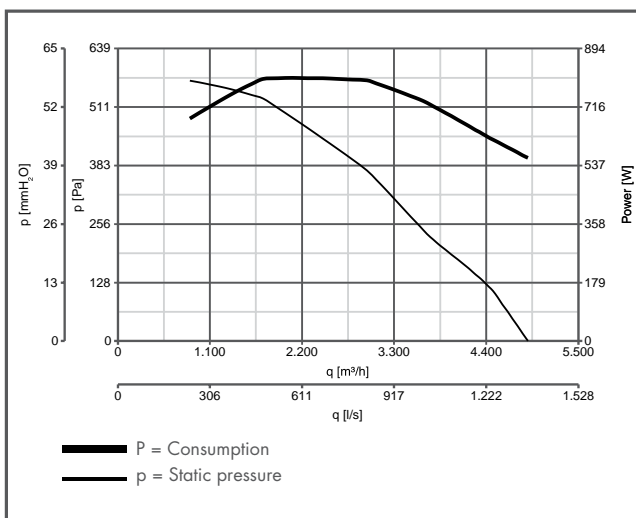
CODES 15215-15184 TORRETTE TRT 20 E-EV 4P



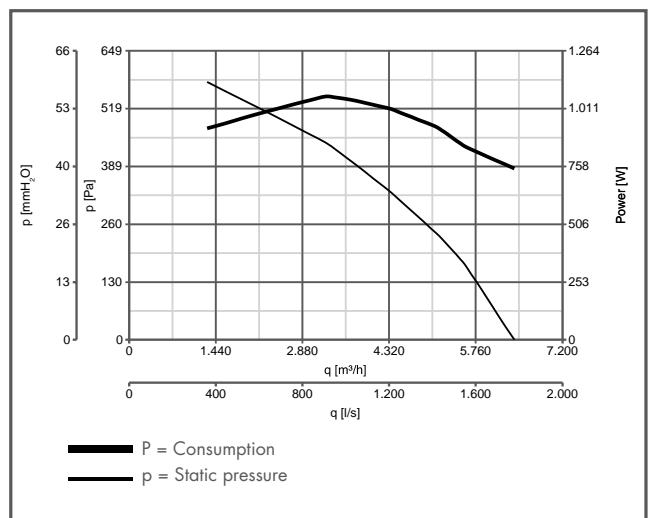
CODES 15355-15185 TORRETTE TRT 30 E-EV 4P



CODES 15555-15186 TORRETTE TRT 50 E-EV 4P



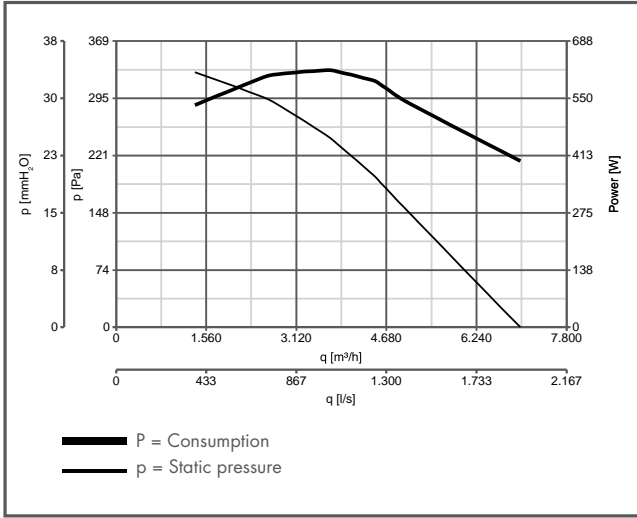
CODES 15071-15187 TORRETTE TRT 70 E-EV 4P



PERFORMANCE CURVES

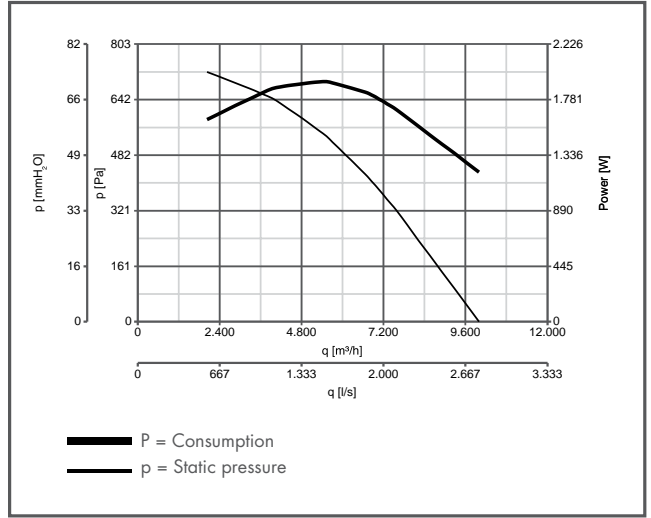
CODES 15072-15189

TORRETTE TRT 70 E-EV 6P



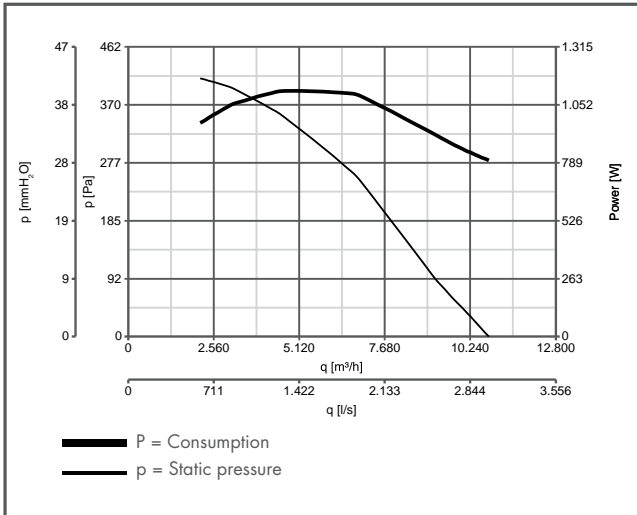
CODES 15073-15190

TORRETTE TRT 100 E-EV 4P



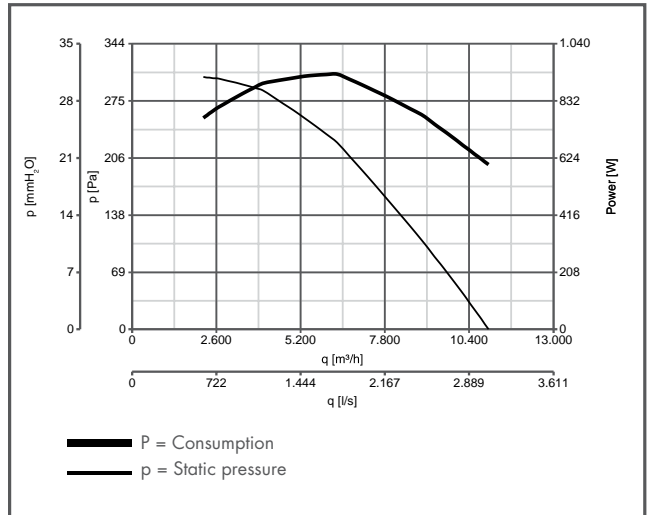
CODES 15074-15191

TORRETTE TRT 100 E-EV 6P



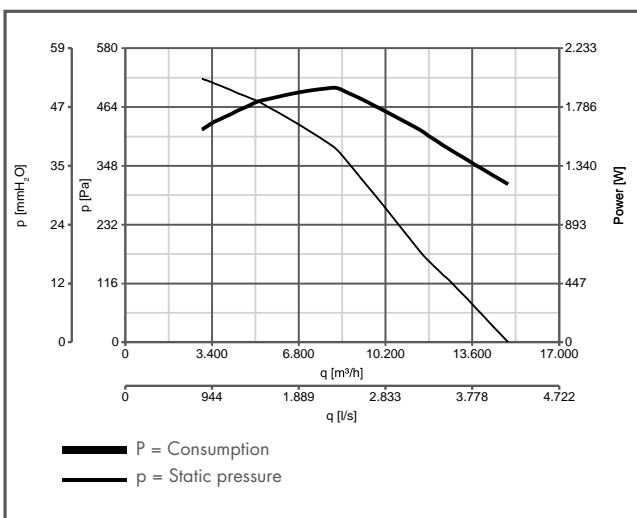
CODES 15075-15192

TORRETTE TRT 100 E-EV 8P



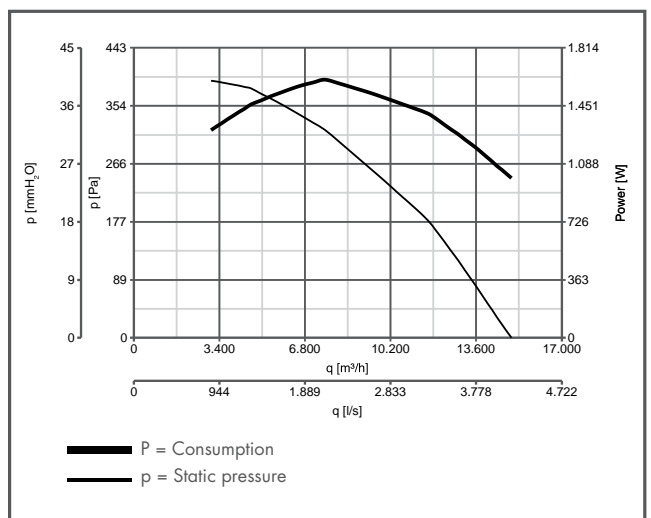
CODES 15076-15193

TORRETTE TRT 150 E-EV 6P



CODES 15077-15194

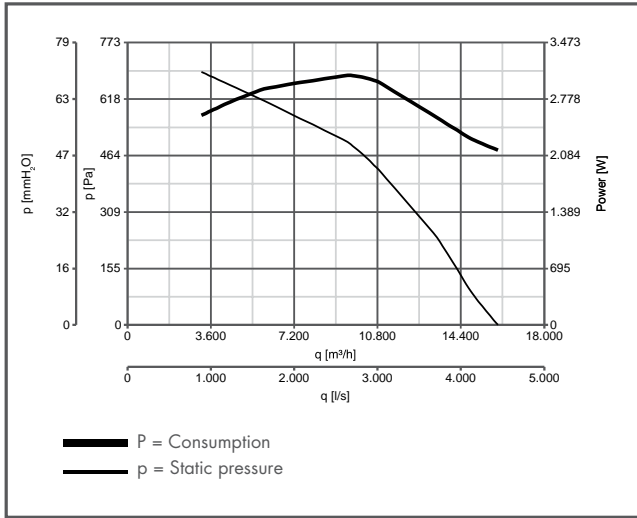
TORRETTE TRT 150 E-EV 8P



PERFORMANCE CURVES

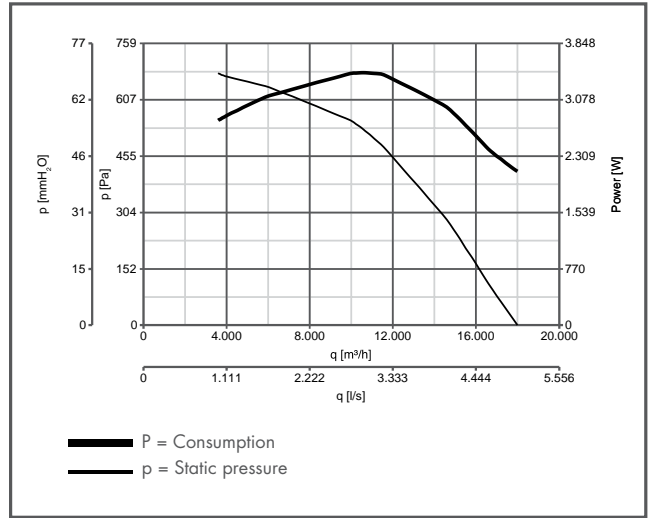
CODE 15078-15195

TORRETTE TRT 180 E-EV 6P



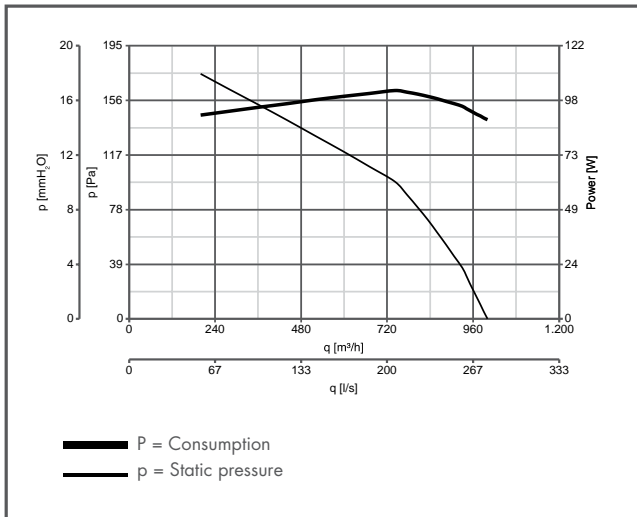
CODE 15079-15196

TORRETTE TRT 210 E-EV 6P



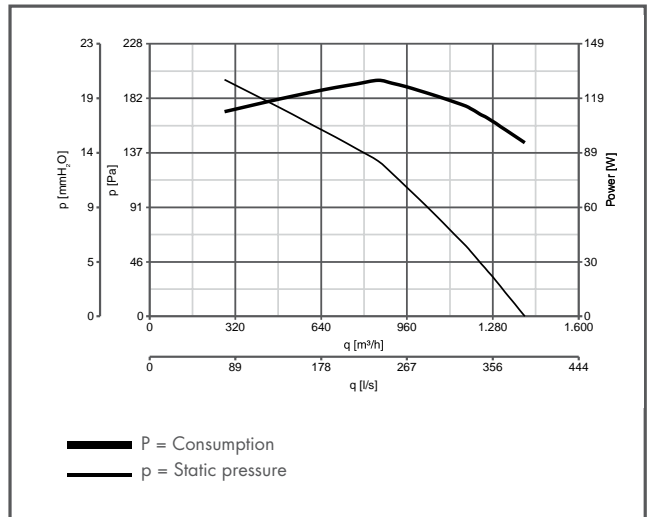
CODE 15039

TORRETTE TRM 10 ED 4P



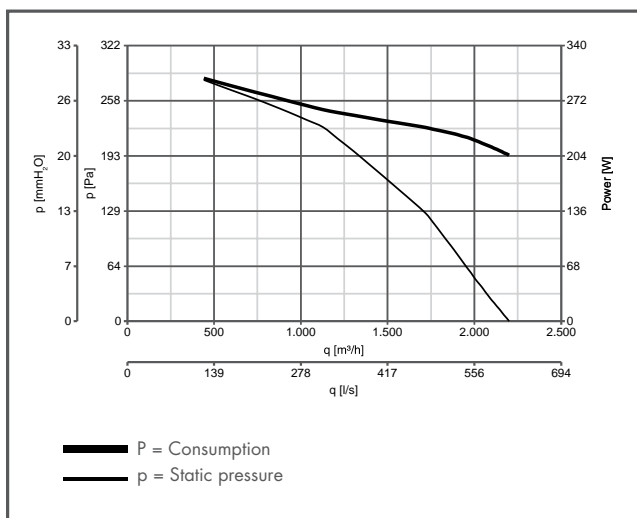
CODE 15041

TORRETTE TRM 15 ED 4P



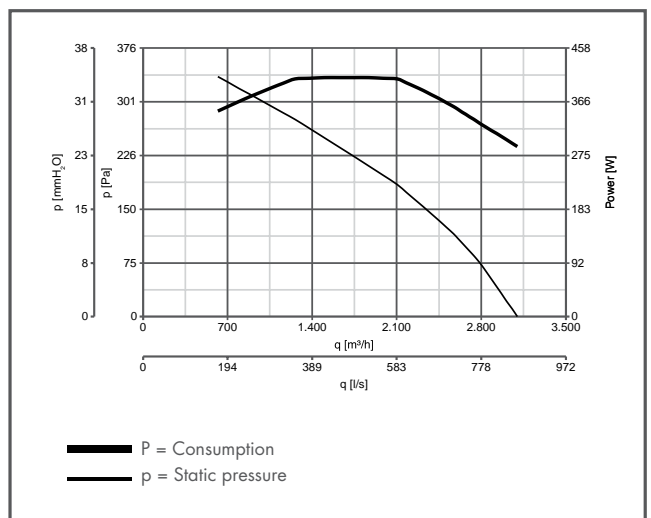
CODE 15043

TORRETTE TRM 20 ED 4P



CODE 15046

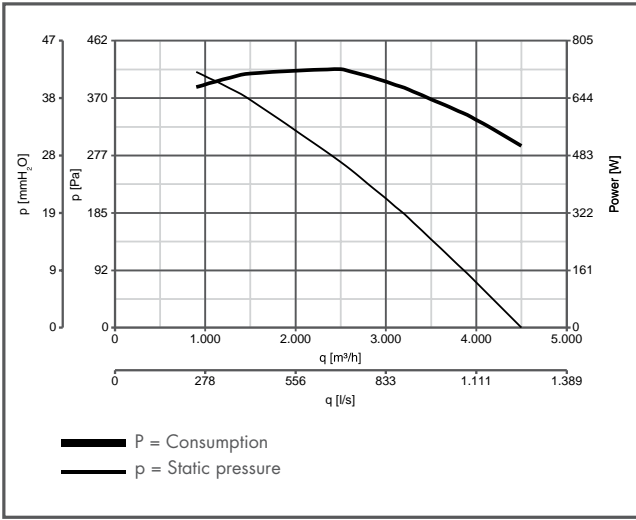
TORRETTE TRM 30 ED 4P



PERFORMANCE CURVES

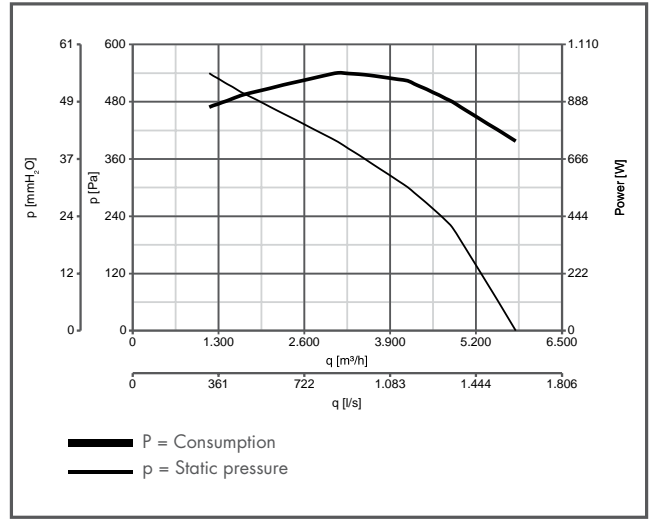
CODE 15048

TORRETTE TRM 50 ED 4P



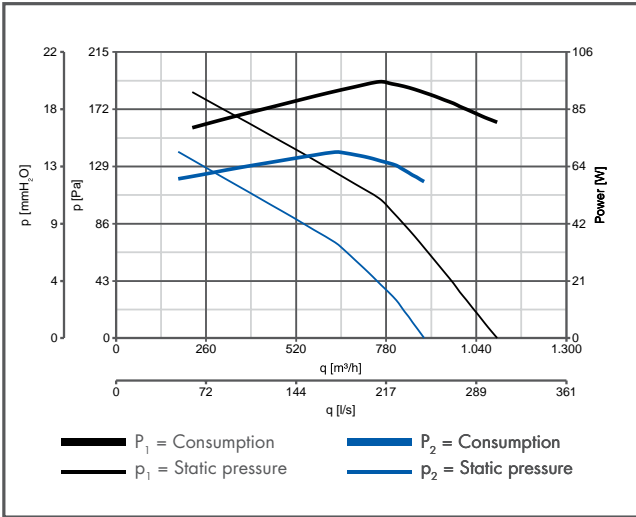
CODE 15080

TORRETTE TRM 70 ED 4P



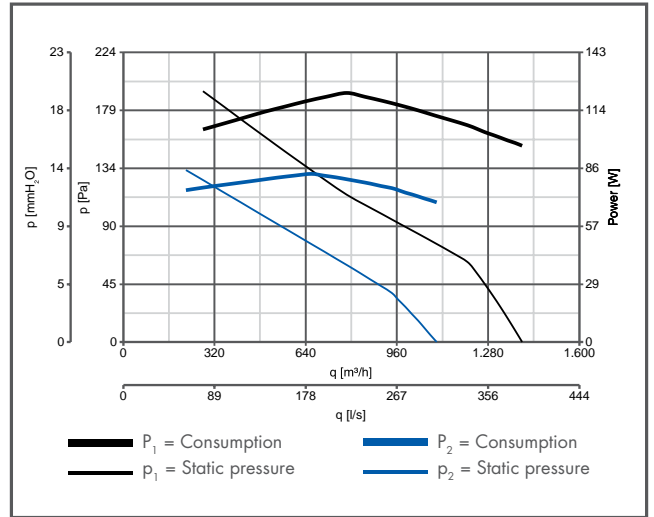
CODE 15040

TORRETTE TRT 10 ED 4P



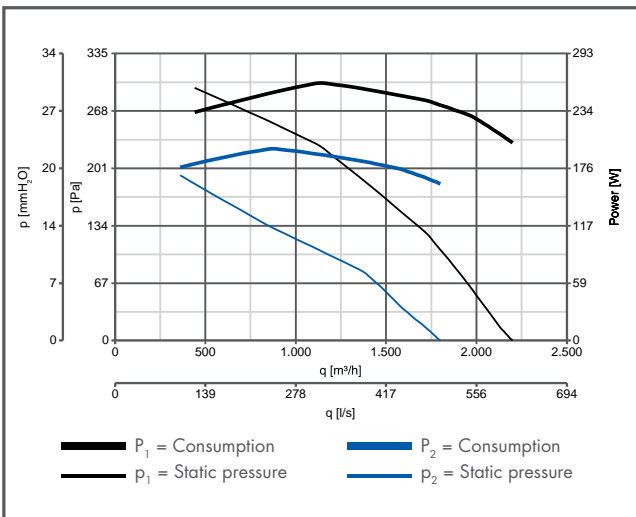
CODE 15042

TORRETTE TRT 15 ED 4P



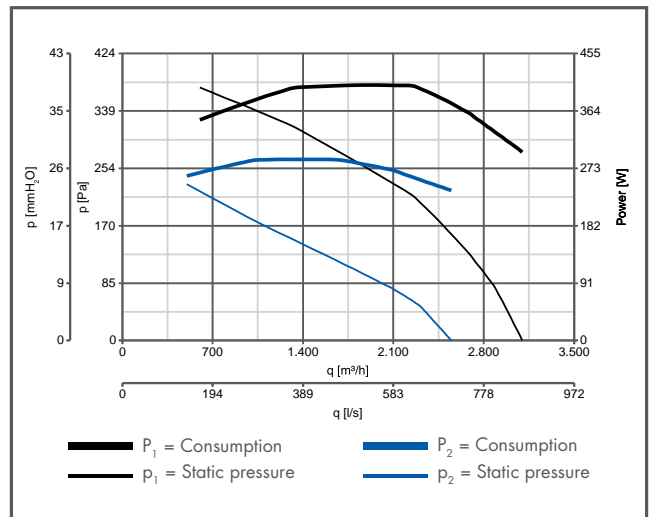
CODE 15045

TORRETTE TRT 20 ED 4P



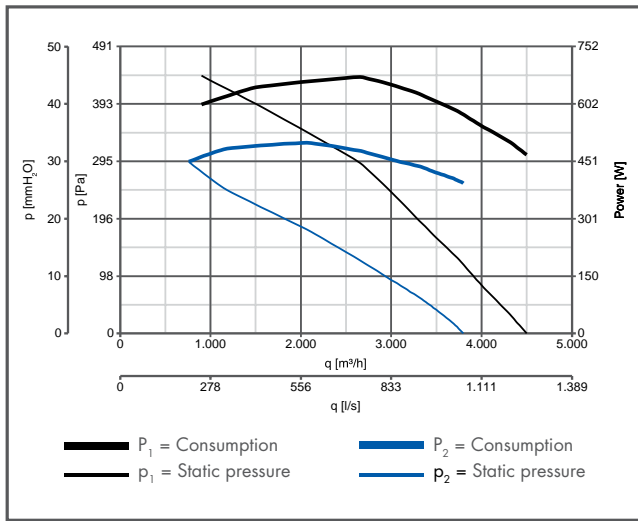
CODE 15047

TORRETTE TRT 30 ED 4P

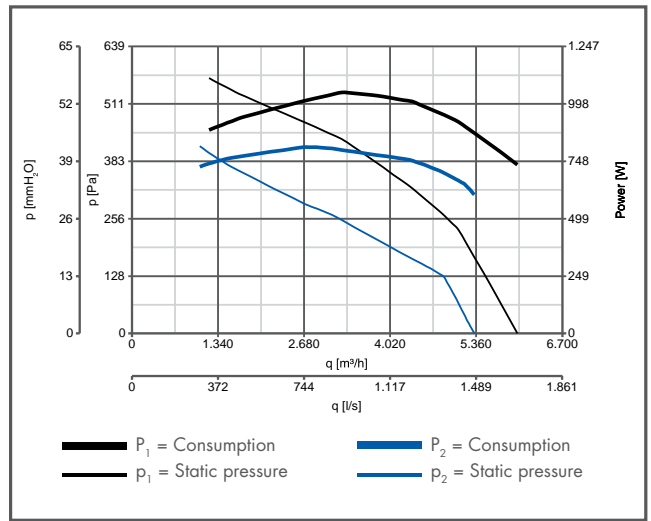


PERFORMANCE CURVES

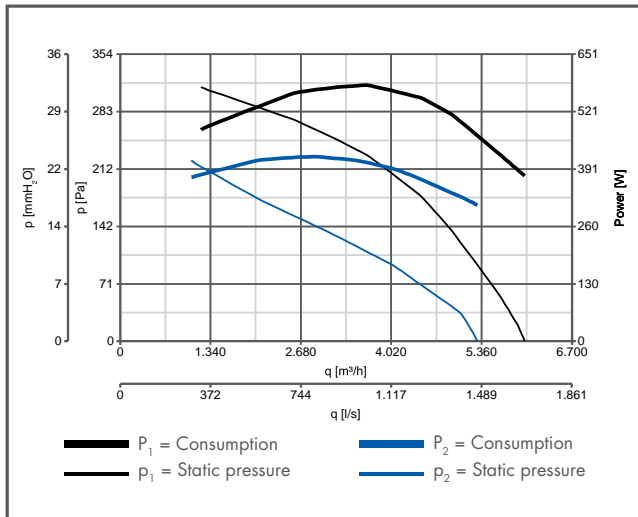
CODE 15049 TORRETTE TRT 50 ED 4P



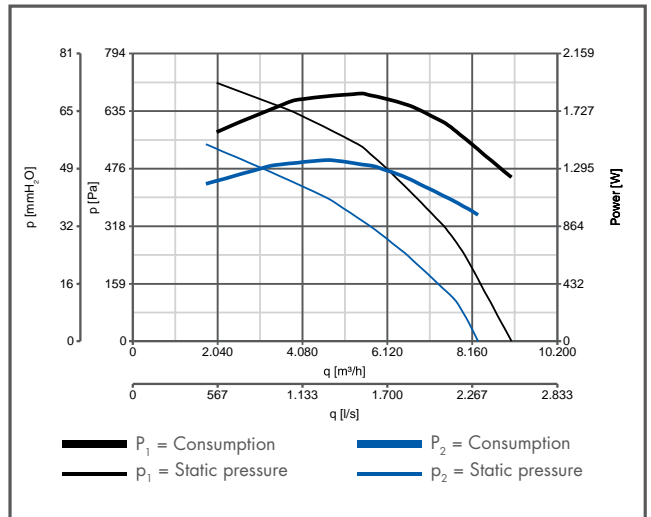
CODE 15081 TORRETTE TRT 70 ED 4P



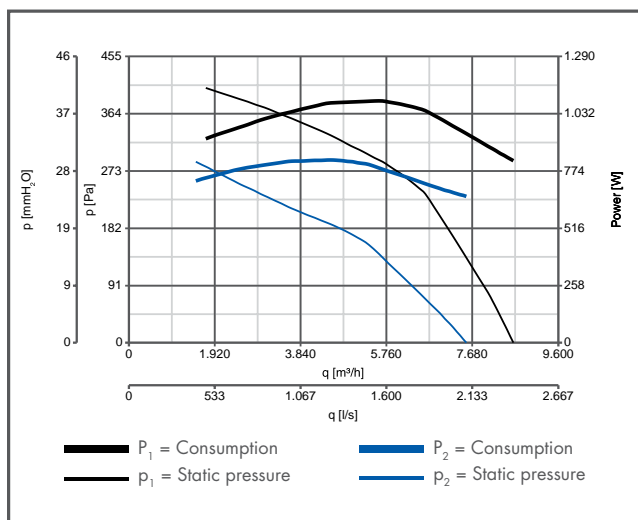
CODE 15082 TORRETTE TRT 70 ED 6P



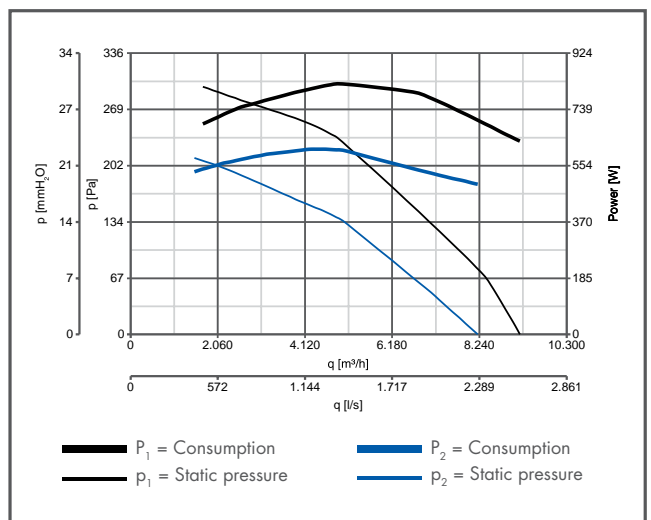
CODE 15083 TORRETTE TRT 100 ED 4P



CODE 15084 TORRETTE TRT 100 ED 6P

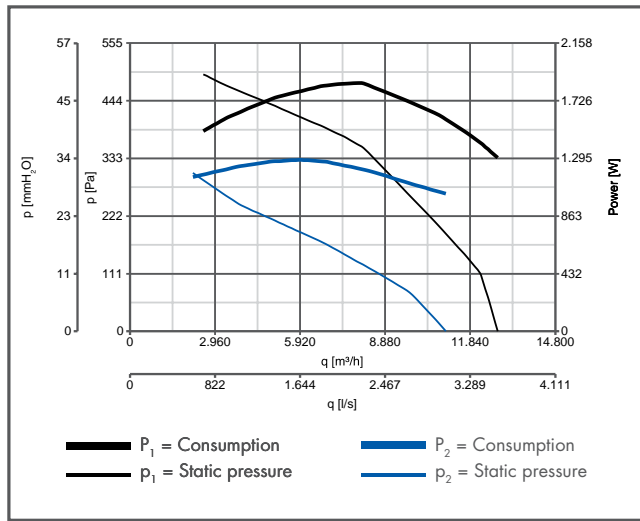


CODE 15085 TORRETTE TRT 100 ED 8P

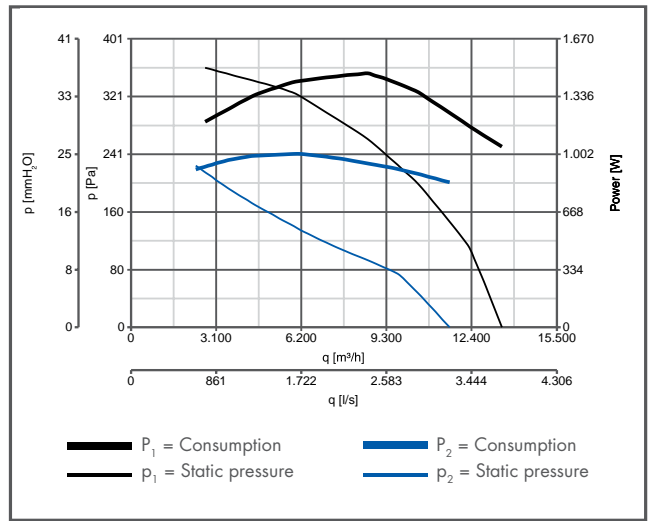


PERFORMANCE CURVES

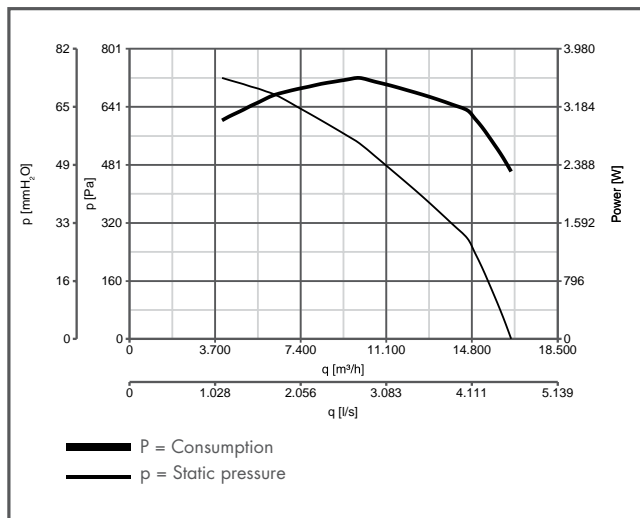
CODE 15086 TORRETTE TRT 150 ED 6P



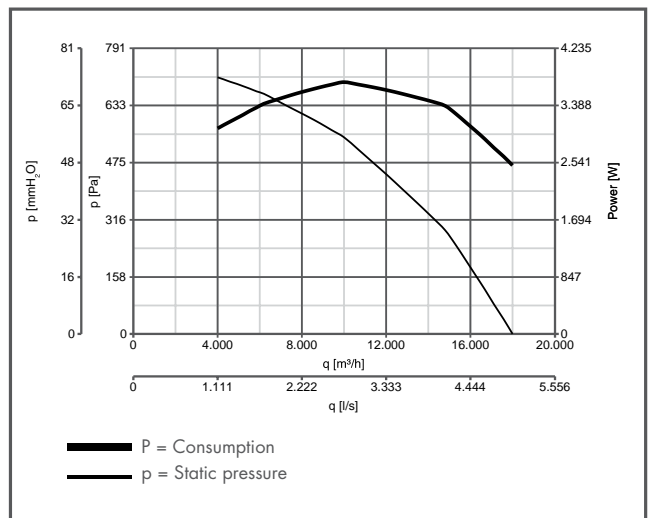
CODE 15087 TORRETTE TRT 150 ED 8P



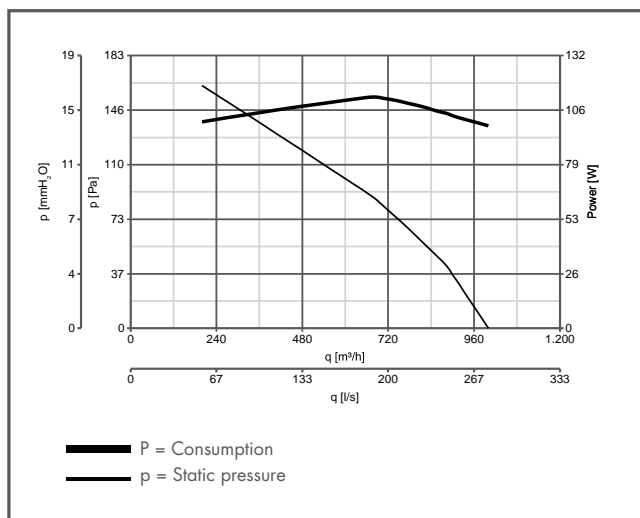
CODE 15919 TORRETTE TRT 180 ED 6P



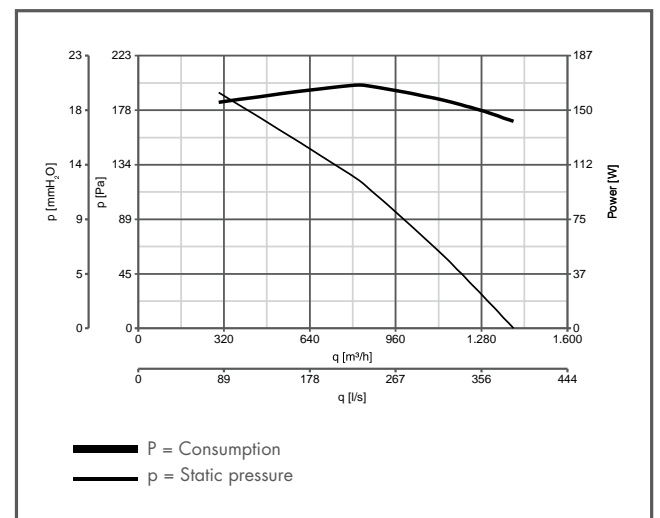
CODE 15920 TORRETTE TRT 210 ED 6P



CODE 15160 TORRETTE TRM 10 ED-V 4P

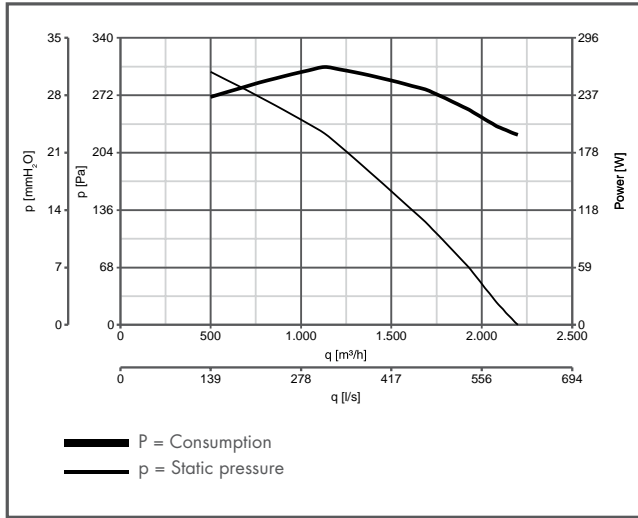


CODE 15162 TORRETTE TRM 15 ED-V 4P

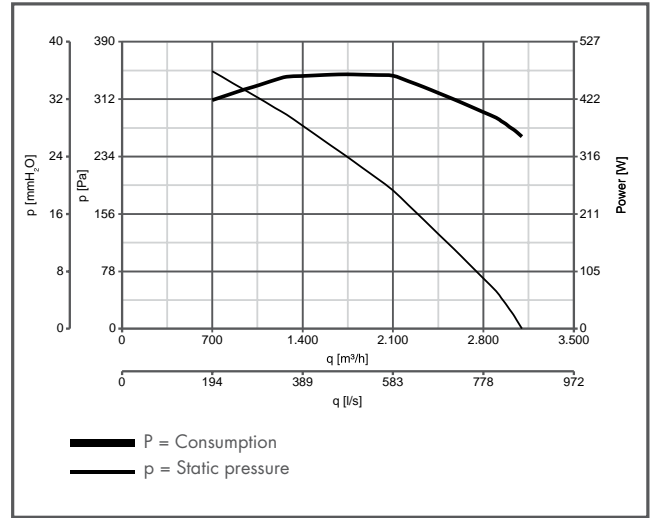


PERFORMANCE CURVES

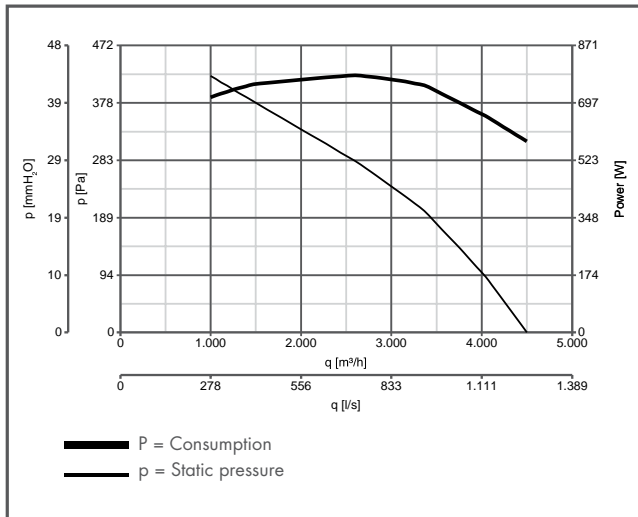
CODE 15164 TORRETTE TRM 20 ED-V 4P



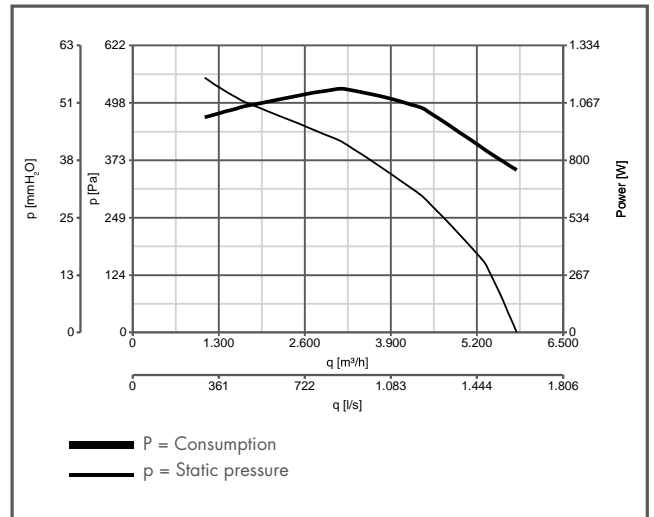
CODE 15166 TORRETTE TRM 30 ED-V 4P



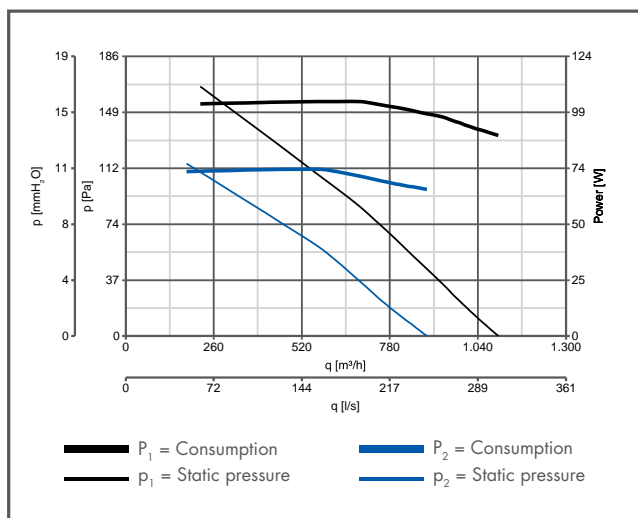
CODE 15168 TORRETTE TRM 50 ED-V 4P



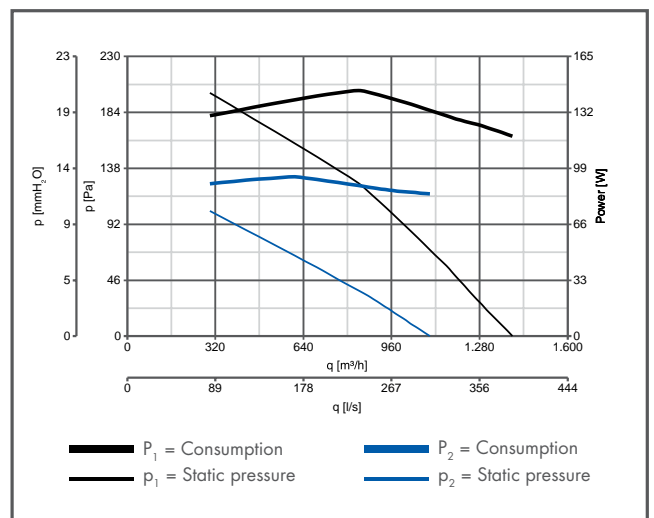
CODE 15170 TORRETTE TRM 70 ED-V 4P



CODE 15161 TORRETTE TRT 10 ED-V 4P

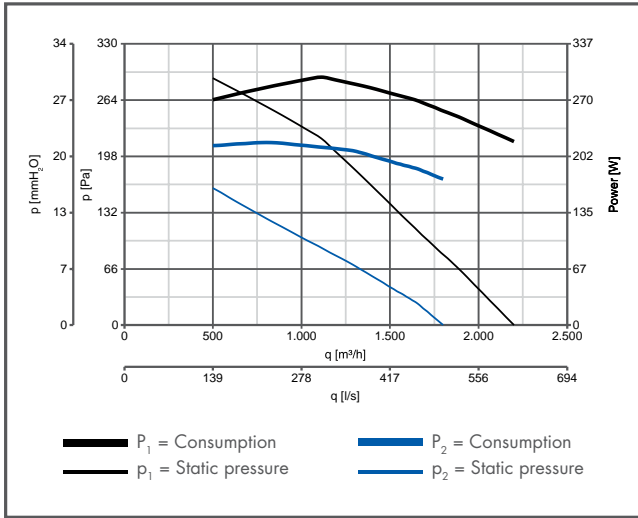


CODE 15163 TORRETTE TRT 15 ED-V 4P

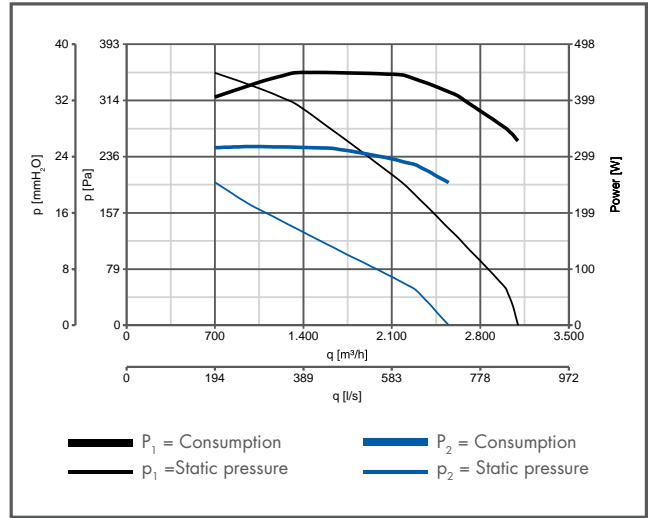


PERFORMANCE CURVES

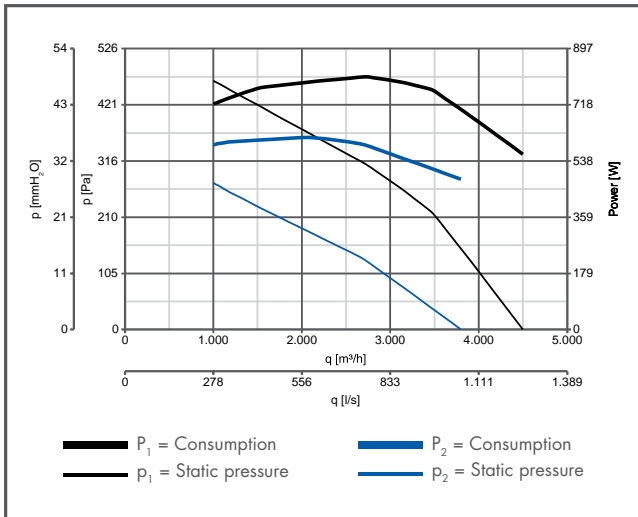
CODE 15165 TORRETTE TRT 20 ED-V 4P



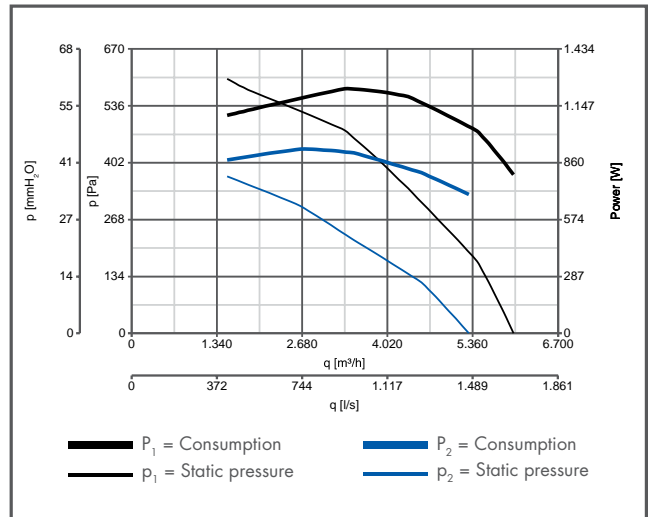
CODE 15167 TORRETTE TRT 30 ED-V 4P



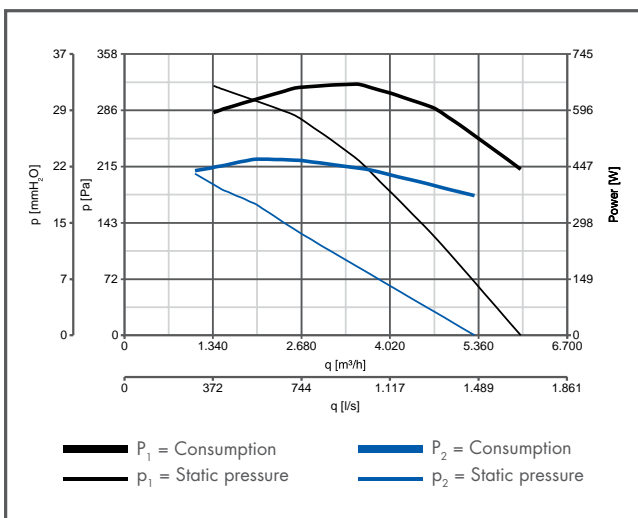
CODE 15169 TORRETTE TRT 50 ED-V 4P



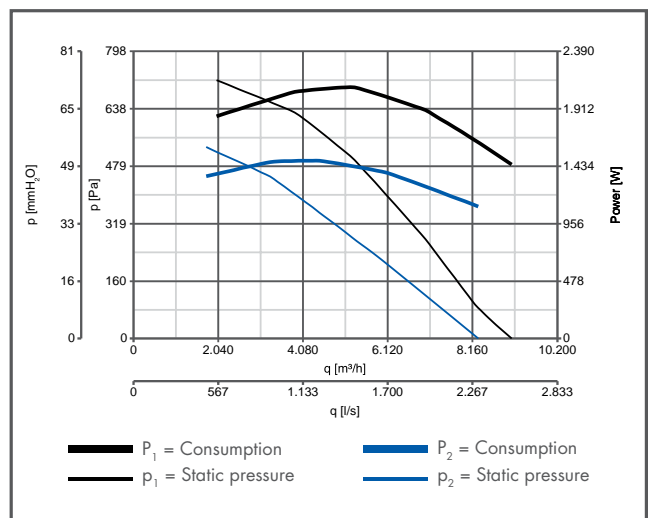
CODE 15171 TORRETTE TRT 70 ED-V 4P



CODE 15172 TORRETTE TRT 70 ED-V 6P

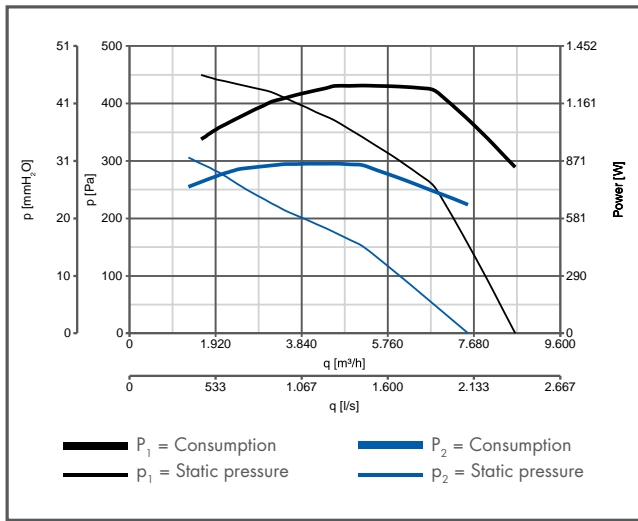


CODE 15173 TORRETTE TRT 100 ED-V 4P

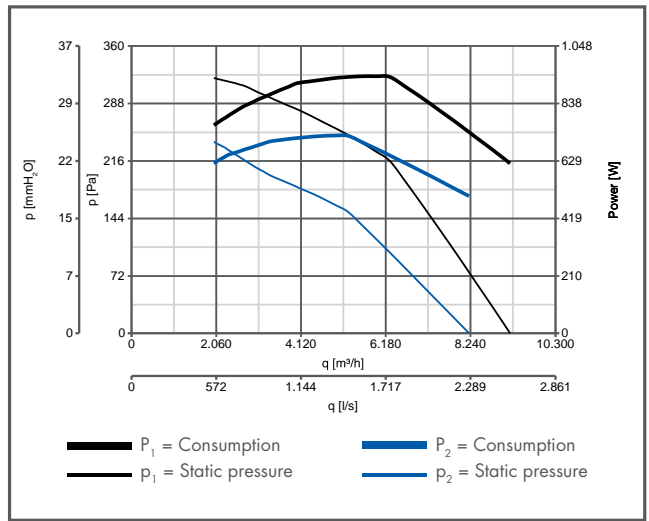


PERFORMANCE CURVES

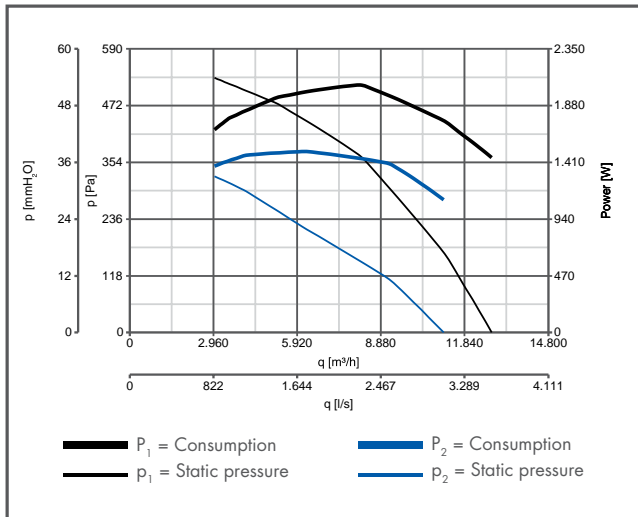
CODE 15174 TORRETTE TRT 100 ED-V 6P



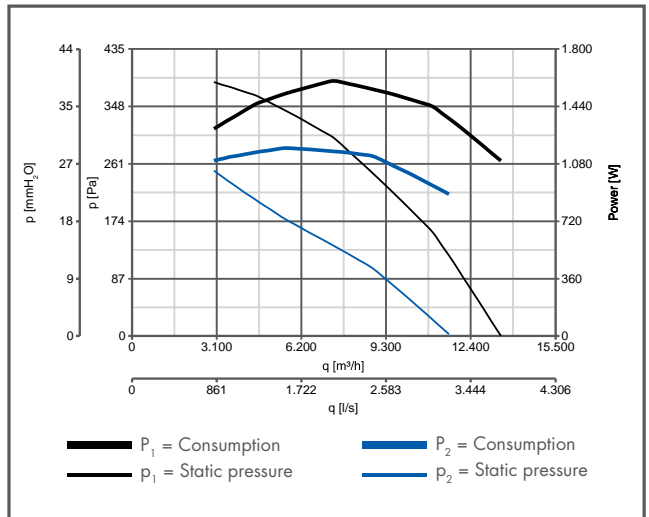
CODE 15175 TORRETTE TRT 100 ED-V 8P



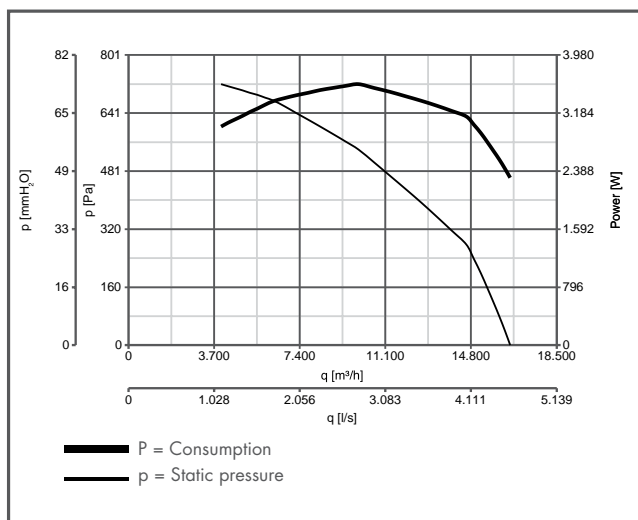
CODE 15176 TORRETTE TRT 150 ED-V 6P



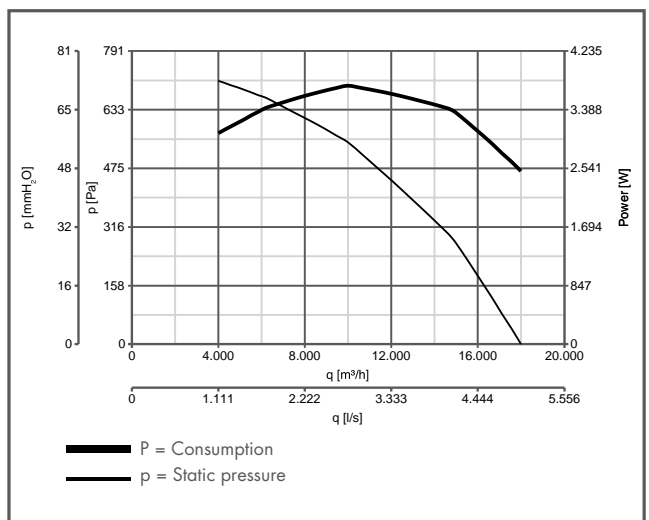
CODE 15177 TORRETTE TRT 150 ED-V 8P




CODE 15178 TORRETTE TRT 180 ED-V 6P



CODE 15179 TORRETTE TRT 210 ED-V 6P








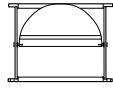
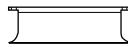



ACCESSORIES TORRETTE RF-EU

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	•	•	•													
	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 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												•	•	•	•	

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

ACCESSORIES TORRETTE TR E, TR E-V

Models	Code	Product																					
		TRM 10 E 4P code 15115	TRM 15 E 4P code 15205	TRM 20 E 4P code 15216	TRM 30 E 4P code 15356	TRM 50 E 4P code 15556	TRM 70 E 4P code 15070	TRT 10 E 4P code 15155	TRT 15 E 4P code 15255	TRT 20 E 4P code 15215	TRT 30 E 4P code 15355	TRT 50 E 4P code 15555	TRT 70 E 4P code 15071	TRT 70 E 6P code 15072	TRT 100 E 4P code 15073	TRT 100 E 6P code 15074	TRT 100 E 8P code 15075	TRT 150 E 6P code 15076	TRT 150 E 8P code 15077	TRT 180 E 6P code 15078	TRT 210 E 6P code 15079		
	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 5* Single-phase speed controller	12932		•			•	•		•													
	IREM 9** Single-phase speed controller	12933	•	•				•															
	IRET 6 Three-phase speed controller	12934											•	•		•	•	•	•				
	IRET INVERTER 1.2 Three-phase speed controller INVERTER	12909						•	•	•	•												
	IRET INVERTER 2.2 Three-phase speed controller INVERTER	12925										•	•	•		•	•						
	IRET INVERTER 5 Three-phase speed controller INVERTER	12947													•			•	•				
	IREM INVERTER 8 Three-phase speed controller INVERTER	12989																			•	•	
	IREM INVERTER 1.4 Single-phase speed controller INVERTER	12935						•	•	•	•												
	IREM INVERTER 4.2 Single-phase speed controller INVERTER	12936										•	•	•		•	•						
	IREM INVERTER 7 Single-phase speed controller INVERTER	12937													•			•	•				
	C 1.5 Speed controller	12966	•	•																			
	TR-CU 10/15 Sub-frame	22511	•	•				•	•														
	TR-CU 20/30/50 Sub-frame	22512			•	•	•			•	•	•											
	TR-CU 70/100 Sub-frame	22539					•						•	•	•								
	TR-CU 100/150-6P/8P Sub-frame	22540														•	•	•	•	•	•	•	•
	TR-S 10/15 Backdraught shutter	22500	•	•				•	•														
	TR-S 20/30/50 Backdraught shutter	22510			•	•	•			•	•	•											
	TR-S 70/100 4P Backdraught shutter	22541					•						•	•	•								
	TR-S 100 6P-8P/150/180/210 Backdraught shutter	22542														•	•	•	•	•	•	•	•
	TR-B 10/15 Suction connector	22600	•	•				•	•														
	TR-B 20/30/50 Suction connector	22610			•	•	•			•	•	•											
	TR-B 70/100 4P Suction connector	22508					•						•	•	•								
	TR-B 100 6P-8P/150/180/210 Intake port protection grille	22509														•	•	•	•	•	•	•	•
	TR-G 10/15 Intake port protection grille	22700	•	•				•	•														
	TR-G 20/30/50 Intake port protection grille	22710			•	•	•			•	•	•											
	TR-G 70/100 Intake port protection grille	22506					•						•	•	•								
	TR-G 100/150-6P/8P Intake port protection grille	22507														•	•	•	•	•	•	•	•

* Can control multiple fans up to a maximum 5A.





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

Models	Code	Product																				
		TRM 10 E-V 4P code 15180	TRM 15 E-V 4P code 15182	TRM 20 E-V 4P code 15197	TRM 30 E-V 4P code 15198	TRM 50 E-V 4P code 15199	TRM 70 E-V 4P code 15188	TRT 10 E-V 4P code 15181	TRT 15 E-V 4P code 15183	TRT 20 E-V 4P code 15184	TRT 30 E-V 4P code 15185	TRT 50 E-V 4P code 15186	TRT 70 E-V 4P code 15187	TRT 70 E-V 6P code 15189	TRT 100 E-V 4P code 15190	TRT 100 E-V 6P code 15191	TRT 100 E-V 8P code 15192	TRT 150 E-V 6P code 15193	TRT 150 E-V 8P code 15194	TRT 180 E-V 6P code 15195	TRT 210 E-V 6P code 15196	
	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 5* Single-phase speed controller	12932	•	•			•	•															
IREM 9** Single-phase speed controller	12933	•	•				•															
	IRET 6 Three-phase speed controller	12934										•	•	•	•	•	•	•	•			
	IRET INVERTER 1.2 Three-phase speed controller INVERTER	12909						•	•	•	•											
	IRET INVERTER 2.2 Three-phase speed controller INVERTER	12925									•	•	•		•	•						
	IRET INVERTER 5 Three-phase speed controller INVERTER	12947												•				•	•			
	IRET INVERTER 8 Three-phase speed controller INVERTER	12989																		•	•	
	IREM INVERTER 1.4 Single-phase speed controller INVERTER	12935						•	•	•	•											
	IREM INVERTER 4.2 Single-phase speed controller INVERTER	12936									•	•	•		•	•						
	IREM INVERTER 7 Single-phase speed controller INVERTER	12937												•				•	•			
	C 1.5 Speed controller	12966	•	•																		
	TR-CU 10/15 Sub-frame	22511	•	•				•	•													
	TR-CU 20/30/50 Sub-frame	22512			•	•	•			•	•	•										
	TR-CU 70/100 Sub-frame	22539					•						•	•	•							
	TR-CU 100/150-6P/8P Sub-frame	22540														•	•	•	•	•	•	
	TR-S 10/15 Backdraught shutter	22500	•	•				•	•													
	TR-S 20/30/50 Backdraught shutter	22510			•	•	•			•	•	•										
	TR-S 70/100 4P Backdraught shutter	22541					•					•	•	•								
	TR-S 100 6P-8P/150/180/210 Backdraught shutter	22542														•	•	•	•	•	•	
	TR-B 10/15 Suction connector	22600	•	•				•	•													
	TR-B 20/30/50 Suction connector	22610			•	•	•			•	•	•										
	TR-B 70/100 4P Suction connector	22508					•						•	•	•							
	TR-B 100 6P-8P/150/180/210 Intake port protection grille	22509														•	•	•	•	•	•	
	TR-G 10/15 Intake port protection grille	22700	•	•				•	•													
	TR-G 20/30/50 Intake port protection grille	22710			•	•	•			•	•	•										
	TR-G 70/100 Intake port protection grille	22506					•					•	•	•								
	TR-G 100/150-6P/8P Intake port protection grille	22507														•	•	•	•	•	•	

* Can control multiple fans up to a maximum 5A.

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

ACCESSORIES TORRETTE TR ED, TR ED-V

Models	Code	Product																				
		TRM 10 ED 4P code 15039	TRM 15 ED 4P code 15041	TRM 20 ED 4P code 15043	TRM 30 ED 4P code 15046	TRM 50 ED 4P code 15048	TRM 70 ED 4P code 15080	TRT 10 ED 4P code 15040	TRT 15 ED 4P code 15042	TRT 20 ED 4P code 15045	TRT 30 ED 4P code 15047	TRT 50 ED 4P code 15049	TRT 70 ED 4P code 15081	TRT 70 ED 6P code 15082	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	
	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 5* *** Single-phase speed controller	12932					●																
IREM 9* *** Single-phase speed controller	12933						●															
IRET 6* Three-phase speed controller	12934											●	●	●	●	●	●	●	●			
	IRET INVERTER 1.2 Three-phase speed controller INVERTER	12909						●	●	●	●											
	IRET INVERTER 2.2 Three-phase speed controller INVERTER	12925										●	●	●				●				
	IRET INVERTER 5 Three-phase speed controller INVERTER	12947													●	●		●	●			
	IRET INVERTER 8 Three-phase speed controller INVERTER	12989																			●	●
	TR-CU 10/15 Sub-frame	22511	●	●					●	●												
	TR-CU 20/30/50 Sub-frame	22512			●	●	●				●	●	●									
	TR-CU 70/100 Sub-frame	22539						●						●	●	●						
	TR-CU 100/150-6P/8P Sub-frame	22540														●	●	●	●	●	●	●
	TR-G 10/15 Intake port protection grille	22700	●	●					●	●												
	TR-G 20/30/50 Intake port protection grille	22710			●	●	●				●	●	●									
	TR-G 70/100 Intake port protection grille	22506						●					●	●	●							
	TR-G 100/150-6P/8P Intake port protection grille	22507														●	●	●	●	●	●	●

* Use in conjunction with appliances having speed selectors or controllers is not permitted in countries implementing European regulation 327/2011/EU.
 ** Can control multiple fans up to a maximum 5A.
 *** Used for simultaneous control of multiple appliances up to a maximum 9A.

