

TVE

Axial roof extractor with vertical discharge



Product

TVE

Construction

Base with cylindrical ring in galvanized steel, helical impeller with airfoil profile blades in glass fiber reinforced polypropylene and die-cast aluminum hub, galvanized steel wind deflector ring, gravity-operated rain-proof aluminum damper, protective mesh between impeller and damper

Applications

Vapour and fume extraction, air renewal in commercial buildings and workshops, warehouses

FEATURES

Vertical discharge axial roof extractor, for exhaust air extraction with operating temperature between -20°C and +50 °C. Used in industrial warehouses, storage facilities, etc. as well as in commercial buildings and in general in all cases where extraction of large air flow rates is required (between 1,000 m³/h and 110,000 m³/h). The standard series offers various fan sizes with impeller diameters ranging from 500 mm to 1,400 mm.

FAN

Axial impeller with aerofoil profile blades in glass fibre reinforced polypropylene, die-cast aluminium hub.

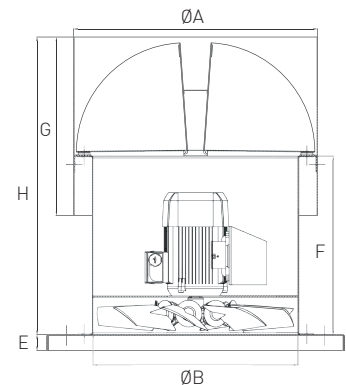
MOTOR

Protection rating IP 55 and insulation class "F", single-phase motors with 230 V 50 Hz supply voltage, three-phase single-speed motors with 230/400 V 50 Hz voltage, three-phase two-speed motors with single 400 V 50 Hz voltage.

DIMENSIONS

TVE

Size	Dimensions (mm)								Wt. kg
	ØA	ØB	C	D	E	F	G	h	
500	680	516	650	750	40	450	450	800	63
560	730	564	750	850	45	450	480	830	74
630	800	640	800	900	45	450	520	870	92
710	875	715	900	1000	45	450	560	910	103
800	950	810	1000	1100	45	620	600	1120	120
900	1070	910	1150	1250	45	620	600	1170	155
1000	1170	1010	1300	1400	45	700	600	1300	177
1125	1290	1125	1450	1550	50	700	760	1350	210
1250	1410	1250	1600	1700	50	900	820	1650	245
1400	1560	1400	1750	1850	50	1000	900	1800	290

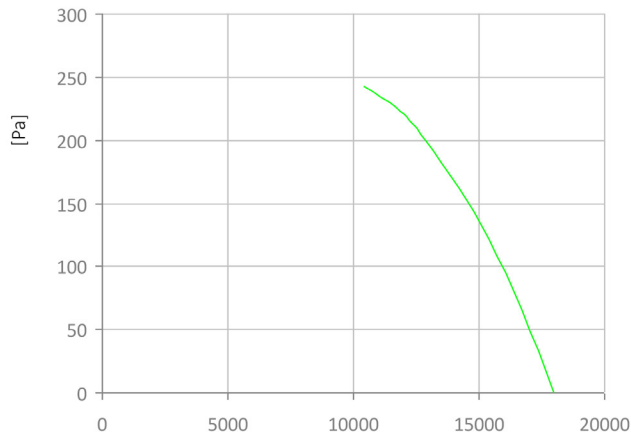
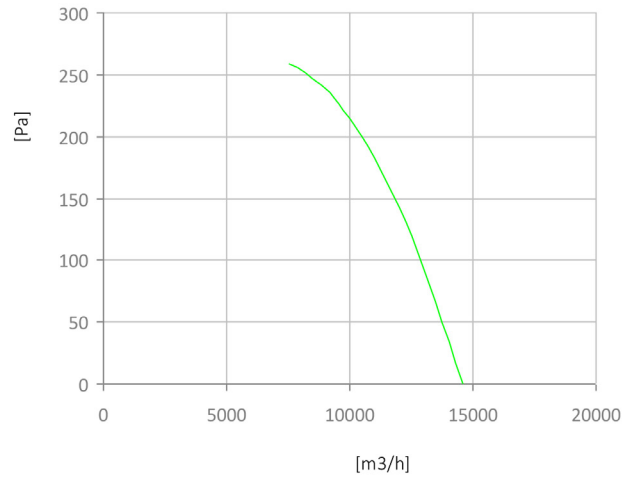
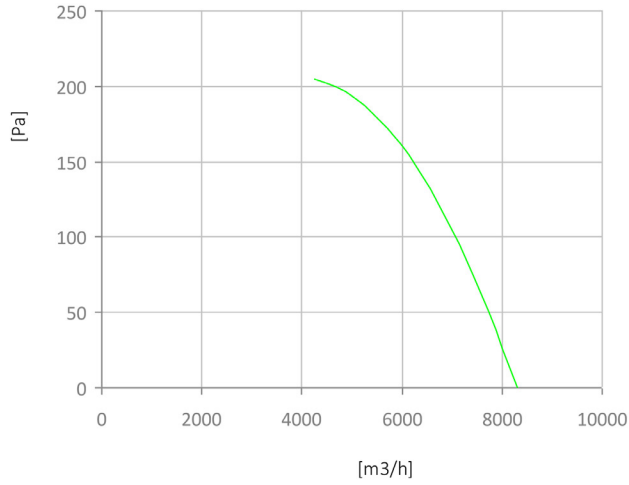




QUICK SELECTION TABLE

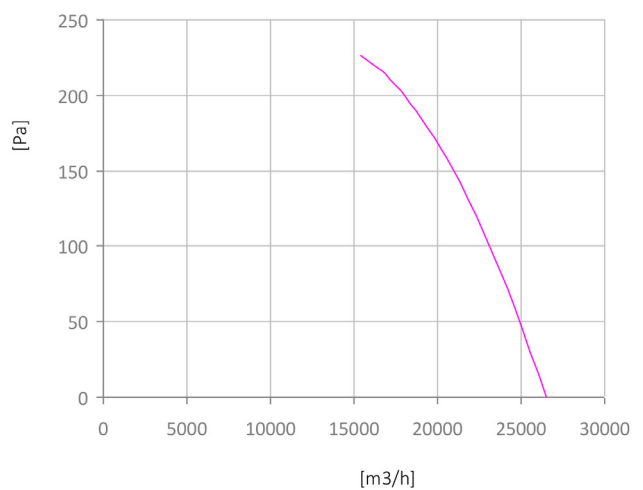
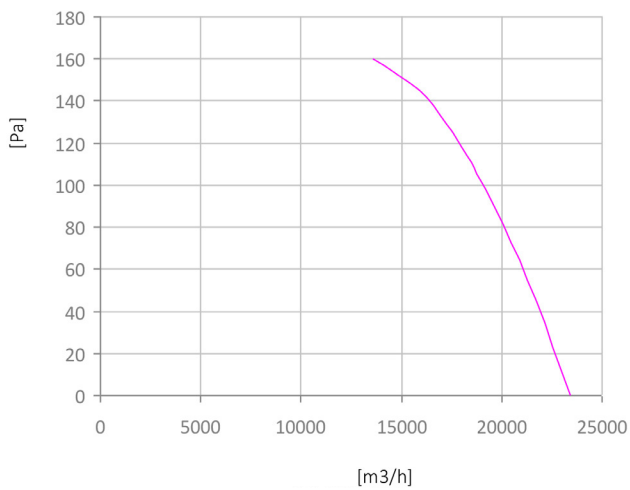
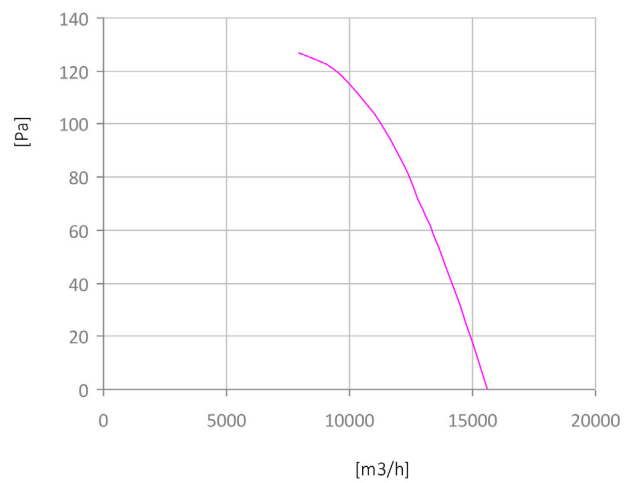
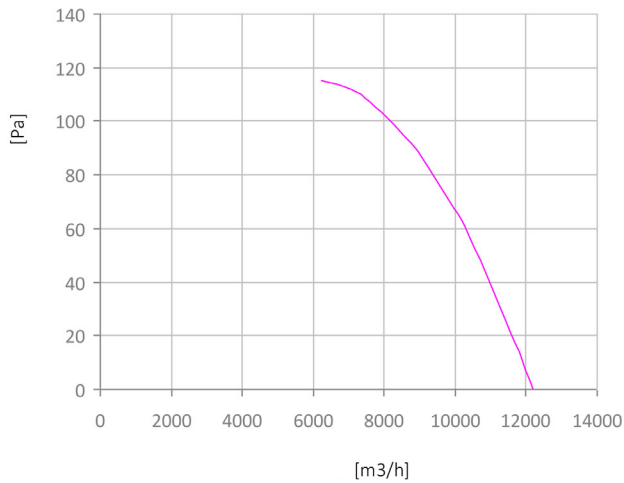
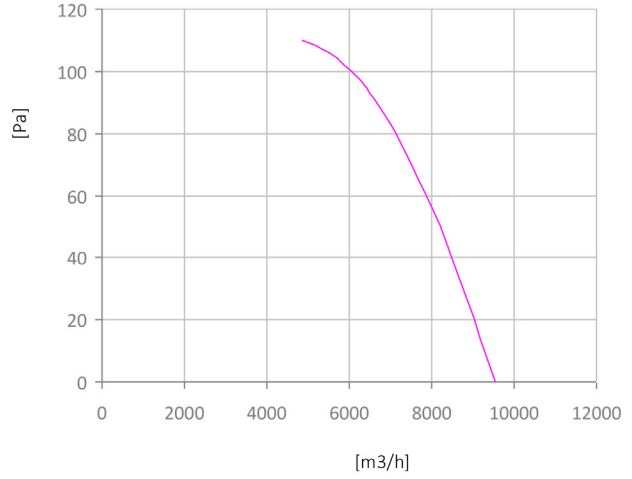
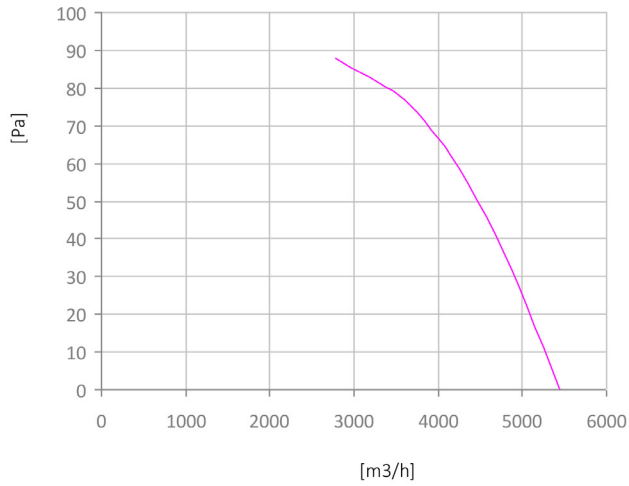
Model TRV/TRV	Technical data				
	Phase	Max air flow rate (m ³ /h)	Max. static pressure (Pa)	Power (kW)	Speed (RPM)
TVE 504 M	1	9200	145	0,55	1400
TVE 504 T	3	9200	145	0,55	1400
TVE 506 T	3	6000	65	0,18	900
TVE 504/6 T	3	9200/6000	145/65	0,55/0,18	1400/900
TVE 564 M	1	13300	225	1,1	1400
TVE 564 T	3	13300	225	1,1	1400
TVE 566 T	3	8150	85	0,37	900
TVE 56/8 T	3	6450	80	0,12	700
TVE 564/6 T	3	13300/8150	225/85	1,1/0,37	1400/900
TVE 566/8 T	3	8150/6450	85/80	0,37/0,15	900/700
TVE 634 M	3	17100	240	1,5	1400
TVE 636 T	3	10600	95	0,37	900
TVE 638 T	3	8000	55	0,18	700
TVE 634/6 T	3	15800/9820	240/95	1,7/0,6	1400/900
TVE 636/8 T	3	10600/8000	95/55	0,37/0,15	900/700
TVE 714 T	3	25700	250	3	1400
TVE 716 T	3	16700	105	0,75	900
TVE 718 T	3	12400	55	0,37	700
TVE 714/6 T	3	25700/16700	250/105	3,0/0,9	1400/900
TVE 716/8 T	3	16700/12400	105/55	1,25/0,60	900/700
TVE 806 T	3	25400	130	1,5	900
TVE 808 T	3	18800	65	0,55	700
TVE 806/8 T	3	25400/18800	130/65	1,25/0,60	900/700
TVE 906 T	3	33800	145	2,2	900
TVE 908 T	3	25000	80	1,1	700
TVE 906/8 T	3	33800/25000	145/80	2,2/1,1	900/700
TVE 1006 T	3	43700	180	3	900
TVE 1008 T	3	33000	100	1,5	700
TVE 1006/8 T	3	43700/33000	180/100	3,5/1,5	900/700
TVE 1126 T	3	71000	280	11	900
TVE 1128 T	3	52300	150	4	700
TVE 1126/8 T	3	71000/52300	280/150	10,0/5,0	900/700
TVE 1256 T	3	91000	300	15	900
TVE 1258 T	3	67400	160	5,5	700
TVE 1256/8 T	3	91000/67400	300/160	16,5/7,8	900/700
TVE 1406 T	3	120000	340	18,5	900
TVE 1408 T	3	89000	185	7,5	700
TVE 1406/8 T	3	120000/89000	340/185	16,5/7,8	900/700

CURVE 4-POLE CHARACTERISTICS



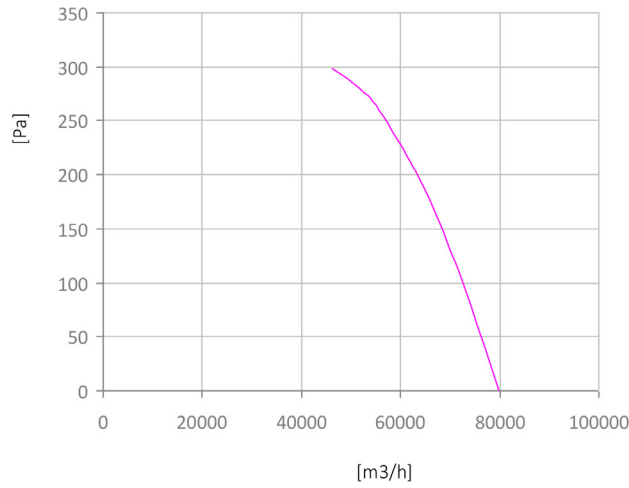
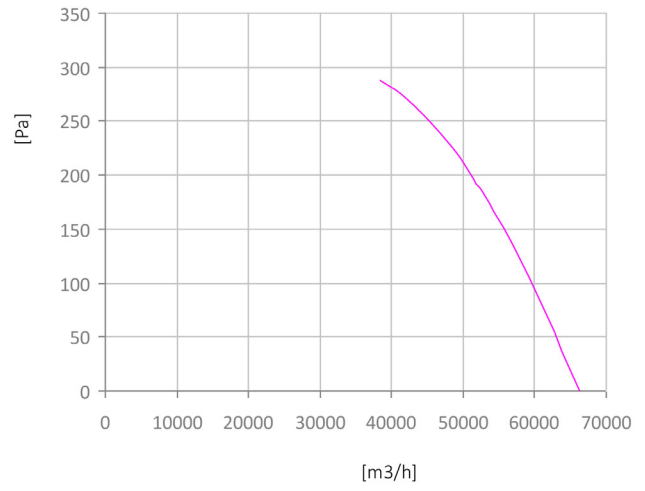
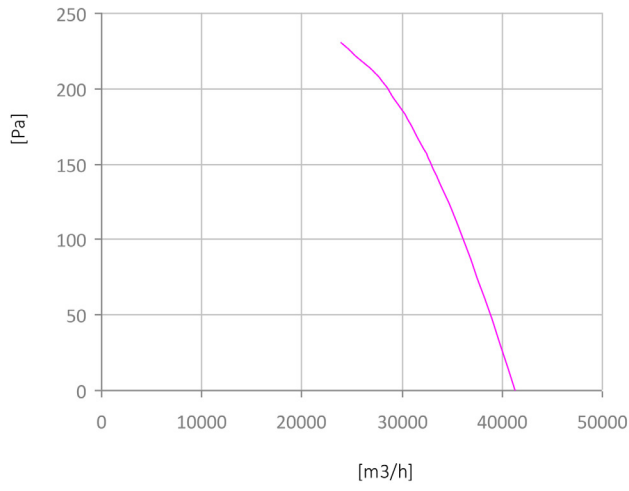


CURVE 6-POLE CHARACTERISTICS



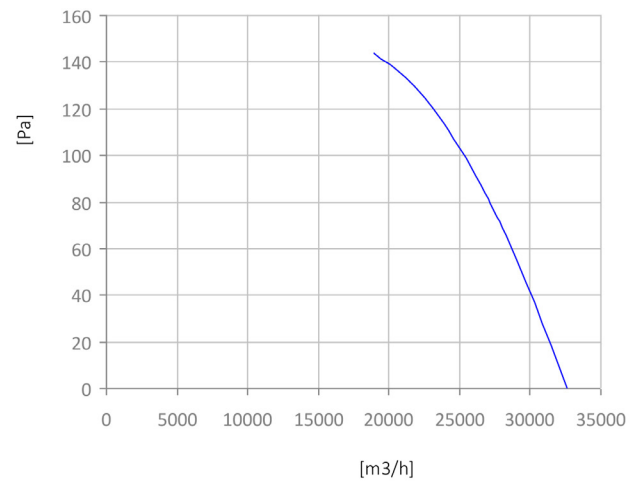
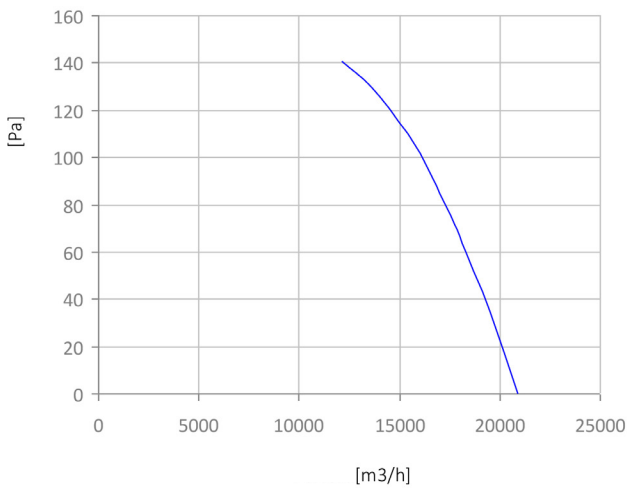
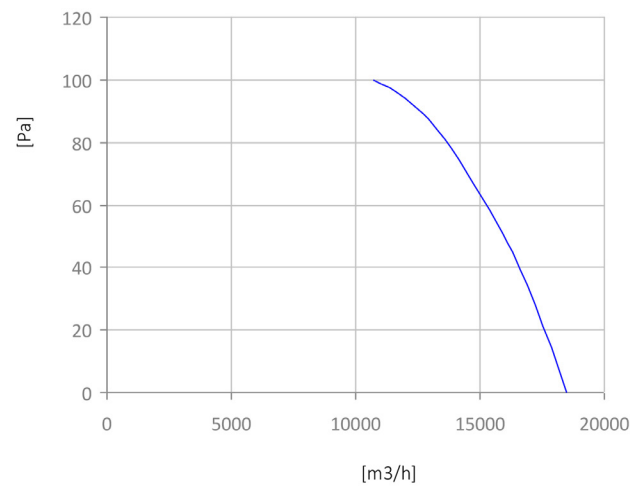
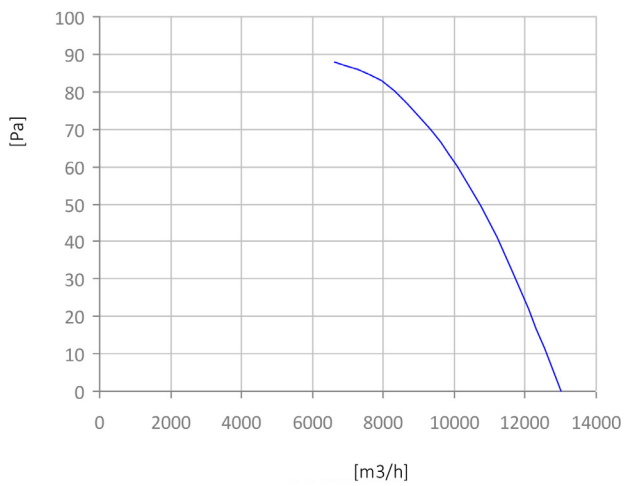
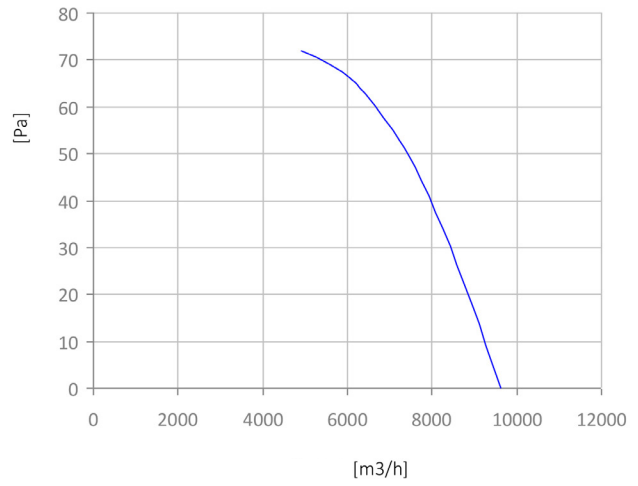
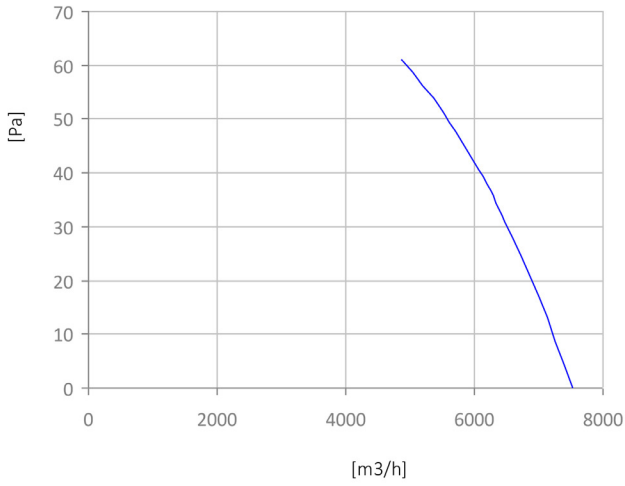
TVE

Axial roof extractor with vertical discharge





CURVE 8-POLE CHARACTERISTICS



TVE

Axial roof extractor with vertical discharge

