

EVTD EVO Centrifugal fan for circular duct



Description

Circular duct fan, with external terminal box, removable casing and adjustable motor, 220-240V 50/60Hz, power supply. Extractable motor/fan.

Characteristics

- Models with nominal diameter from 100 mm to 315 mm with installation on circular duct;
- Compact, ruggedized white plastic enclosure;
- Low sound level. Hermetic structure sealed between the main body and support bracket, to avoid air leaks;
- Rubber gaskets on the flanges to improve air tightness with the ducts;
- Silent-block between the engine and the support to reduce vibrations and lower the noise generated;
- 3-speed motors;
- Degree of protection IP44.

Use

On circular ducting up to $\varnothing$ 315 mm. Maximum flow rate from 210 to 1840 m³ / h depending on the model. Static pressure up to 560 Pa.

Models

- EVTD EVO
- EVTD EVO-T (equipped with an adjustable operating timer between 1 and 30 minutes and a 3 fixed speed motor. Not suitable for speed control).

Accessories on request

- Suction mouth net;
- Fitting for rectangular ducts;
- Non-return damper;
- Speed switch;
- REB - Speed regulators.

Dimensions

All measures are in mm

Models		A	B	C	ØD	E	F	G	H	I	J	ØK	L	M	Pes
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
	EVTD-EVO-100	302	181	201	97	28,5	107	133	100	168	100	4,5	89	189	1,7
	EVTD-EVO-125	302	191	221	122	28,5	117	132	100	172	104	5,5	91	209	1,8
	EVTD-EVO-150	326	221	240	147	25	126	165	120	170	142	5,5	121	229	3
	EVTD-EVO-160	306	221	240	157	25	126	165	120	170	142	5,5	121	229	3
	EVTD-EVO-200	346	238	263	197	28	137	190	124	211	161	5,5	161	253	4,1
	EVTD-EVO-250	390	289	306	247	40	159	230	155	231	194	7	182	295	6,2
	EVTD-EVO-315	485	353	371	312	40	192	278	188	317	242	7	206	358	8,4

Technical Features

Models	RPM	Maximum Input Power	Maximum Input Current	Sound Pressure Level			Operating Temperature
	r.p.m	W	A	dB (A)			°C
				Aspirazione	Irradiato	Scarico	
EVTD-EVO-100 EVTD-EVO-T-100	2450	16	0,1	32	19	31	-20/+60
	2170	13	0,1	28	16	28	
	1960	12	0,1	25	13	25	
EVTD-EVO-125 EVTD-EVO-T-125	2320	29	0,1	36	26	37	-20/+60
	1810	21	0,1	29	19	31	
	1600	19	0,1	27	17	28	
EVTD-EVO-150 EVTD-EVO-T-150	2610	45	0,2	44	32	45	-20/+60
	2350	38	0,2	42	29	42	
	2110	33	0,1	39	26	39	
EVTD-EVO-160 EVTD-EVO-T-160	2600	45	0,2	44	32	45	-20/+60
	2330	37	0,2	41	29	42	
	2090	33	0,1	38	26	39	
EVTD-EVO-200 EVTD-EVO-T-200	2700	107	0,5	47	33	47	-20/+60
	2500	76	0,3	45	31	45	
	2280	64	0,3	42	28	43	
EVTD-EVO-250 EVTD-EVO-T-250	2710	181	0,8	52	37	53	-20/+60
	2520	153	0,6	50	35	51	
	2290	132	0,5	48	33	48	
EVTD-EVO-315 EVTD-EVO-T-315	2640	273	1,1	56	40	55	-20/+60
	2500	231	0,9	55	38	53	
	2290	200	0,8	53	36	51	

Aeraulic Performances

Models	RPM	Flow Rate (m³/h)																
	r.p.m	0 Pa	20 Pa	40 Pa	50 Pa	60 Pa	80 Pa	100 Pa	120 Pa	140 Pa	150 Pa	160 Pa	200 Pa	250 Pa	300 Pa	400 Pa	450 Pa	500 Pa
EVTD-EVO-100 EVTD-EVO-T-100	2450	210	185	165	155	140	105	55	25									
	2170	170	150	125	110	90	50	20										
	1960	150	125	90	75	60	30											
EVTD-EVO-125 EVTD-EVO-T-125	2320	310	290	265	255	240	200	170	90	50	30							
	1810	240	205	180	160	130	80	30										
	1600	210	170	120	100	75	20											
EVTD-EVO-150 EVTD-EVO-T-150	2610	560	540	520	500	495	465	445	410	370	340	310	120	40				
	2350	490	465	440	425	415	380	345	280	215	180	140	50					
	2110	430	400	365	345	325	290	230	180	120	90	50						
EVTD-EVO-160 EVTD-EVO-T-160	2600	560	540	515	500	490	470	450	410	360	330	300	150	60				
	2330	500	470	440	420	410	370	340	290	230	190	160	60					
	2090	440	400	360	345	325	290	240	200	130	90	50						
EVTD-EVO-200 EVTD-EVO-T-200	2700	900	875	850	830	820	800	775	750	725	700	680	600	420	125			
	2500	790	775	750	730	720	700	675	640	600	575	560	470	160				
	2280	710	680	650	630	620	590	550	520	470	450	430	225	50				
EVTD-EVO-250 EVTD-EVO-T-250	2710	1400	1370	1340	1330	1310	1280	1250	1220	1190	1180	1160	1100	970	800	360		
	2520	1310	1270	1240	1230	1200	1160	1140	1100	1060	1050	1040	920	750	490	180		
	2290	1180	1130	1080	1070	1040	1000	960	920	860	830	820	680	450	310			
EVTD-EVO-315 EVTD-EVO-T-315	2640	1840	1800	1750	1740	1730	1700	1650	1610	1560	1520	1510	1420	1270	1120	550	300	180
	2500	1730	1690	1620	1610	1600	1530	1490	1420	1380	1330	1310	1180	950	700	200	30	
	2290	1620	1580	1500	1460	1450	1380	1300	1220	1130	1100	950	820	540	350			

Ease of Installation and Maintenance



To reverse the flow of air, simply rotate the central body by detaching it from the brackets. The rotation of the central body is also useful for positioning the terminal block in the best possible way, so as to obtain a better access position.

Price List

Models	EVTD-EVO	EVTD-EVO-T	Speed Control
	Eur	Eur	Eur
100	-	-	-
125	-	-	-
150	-	-	-
160	-	-	-
200	-	-	-
250	-	-	-
315	-	-	-