



Constructive configuration
 models TD-160 to TD-800



Constructive configuration
 models TD-4000 and TD-6000



Constructive configuration
 models TD-1300 and TD-2000

Range of low profile in-line mixed flow duct fans manufactured in tough reinforced plastic (from 160 to 2000 models) or with metal casing steel finished in a tough epoxy-polyester paint coating (for 4000 and 6000 models). The unique design of the support bracket allows the motor and impeller assembly to be fitted or removed without dismantling the adjacent ducting.

Motors

Models 160-2000:

Class B, with ball bearings and safety thermal overload protection. IP44. Direct 2 or 3 speed connection and also suitable for voltage speed control.

Electrical supply:

Single phase 230V-50Hz.
 (models from 160 to 350)

Single phase 230V-50/60Hz.
 (models from 500 to 2000)

Models 4000 and 6000: Class F, with ball bearings and safety thermal overload protection. IP54.

Suitable for voltage speed control.

Electrical supply:

Single phase 230V-50/60Hz.

Three phase 400V-50/60Hz

(model 4000) or

400V-50Hz (model 6000)

Additional information

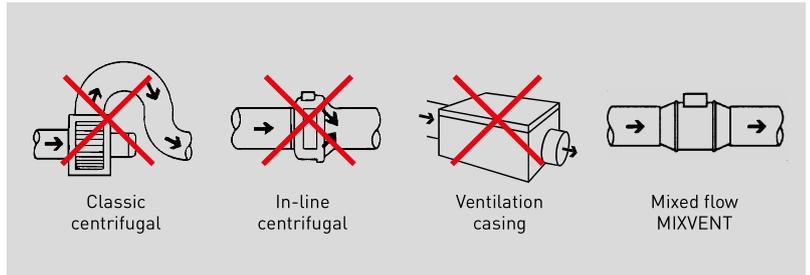
Three phase models adjustable by inverter control.

TD-MIXVENT-T models

TD-MIXVENT versions fitted with a run-on-timer adjustable within 1 and 30 minutes and one speed or 3-speed motor (depending on the model) not suitable for speed control.



LOW PROFILE



The low profile of the MIXVENT-TD fans makes them the most effective solution for installations where the space of installation is limited such as false ceilings.

EASY TO MOUNT



Fix the support bracket.



Place the impeller and motor assembly.



Carry out the wiring connections.



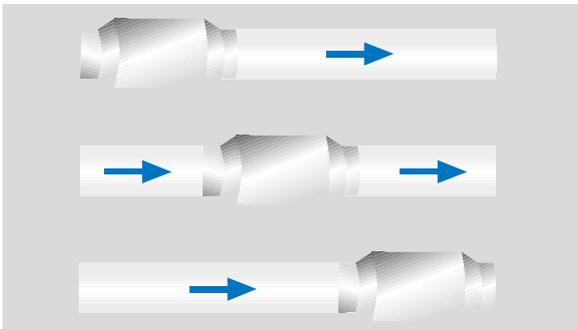
Connect the ducts.

EASY MAINTENANCE



The unique design of the support bracket allows the motor and impeller assembly to be fitted or removed **without dismantling the adjacent ducting**.

FLEXIBLE MOUNTING POSITION



Can be mounted at any place of the air duct.

MODELS TD-MIXVENT-T



Models MIXVENT-TD-T (from 160 to 800 models) are fitted with an adjustable timer between 1 and 30 minutes and are supplied with a one-speed or 3-speed motor (depending on the model) not suitable for speed control.

MODEL 160



Model TD-160/100N SILENT offer very low noise level, with a motor mounted on silent-elastic-blocks which absorb the vibrations.

DESIGN CHARACTERISTICS TD-MIXVENT

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

TD-MIXVENT	Speed (r.p.m.)	Maximum absorbed power (W)	Maximum absorbed current (A)	Maximum airflow (m ³ /h)	Sound pressure level* (dB(A))	Min-Max air Temperature (°C)	Weight (kg)	Duct diameter (mm)	3-speed switch	Speed controller
TD-160/100 N SILENT	2400	29	0,17	180	24	-20/+40	1,4	100	COM-2 REGUL-2	RMB-1,5 REB-1
	2200	18	0,11	150	22					
TD-250/100	2140	28	0,12	250	34	-20/+40	2	100	COM-2 REGUL-2	RMB-1,5 REB-1
	1700	22	0,1	200	28					
TD-350/125	2050	25	0,11	330	33	-20/+40	2	125	COM-2 REGUL-2	RMB-1,5 REB-1
	1590	20	0,09	250	28					
TD-500/150 3V	2590	53	0,21	560	35	-20/+60	2,7	150	COM-3 INTER 4P	RMB-1,5 REB-1
	2150	44	0,19	470	31					
	1820	41	0,18	390	26					
TD-500/160 3V	2590	53	0,21	560	35	-20/+60	2,7	160	COM-3 INTER 4P	RMB-1,5 REB-1
	2150	44	0,19	470	31					
	1820	41	0,18	390	26					
TD-800/200N 3V	2190	103	0,5	890	38	-20/+60	4,9	200	COM-3 INTER 4P	RMB-1,5 REB-1
	1870	93	0,47	750	34					
	1660	88	0,45	660	31					
TD-800/200 3V	2480	132	0,55	1.040	40	-20/+60	4,9	200	COM-3 INTER 4P	RMB-1,5 REB-1
	2290	133	0,56	940	37					
	2080	131	0,55	850	34					
TD-1300/250N 3V	2710	181	0,8	1.400	40	-20/+60	6,2	250	COM-3 INTER 4P	RMB-1,5 REB-1
	2520	153	0,6	1.310	39					
	2290	132	0,5	1.180	37					
TD-2000/315N 3V	2640	273	1,1	1.840	39	-20/+60	8,4	315	COM-3 INTER 4P	RMB-1,5 REB-2,5
	2500	231	0,9	1.730	38					
	2290	200	0,8	1.620	37					
TD-4000/355	1360	407	1,69	3.750	41	-40/+40	19	355	-	RMB-3,5 REB-2,5
TD-6000/400	1400	580	2,42	5.100	43	-40/+40	26	400	-	RMB-3,5 REB-5
TRIPHASICS										
TD-4000/355 TRIF	1150	309	0,66	3.160	41	-40/+70	19	355	-	RMT-1,5 VFTM TRI 0,37
TD-6000/400 TRIF	1400	691	1,49	5.330	44	-40/+60	26	400	-	RMT-2,5 VFTM TRI 0,55

* Sound pressure level radiated at 3 m at free air conditions with rigid ducts at the inlet and at the outlet.

CONSTRUCTIVE CHARACTERISTICS TD-MIXVENT

	160	250	350	500	800	800N	1300N	2000N	4000	6000
Polypropylene casing	•	•	•	•	•	•	•	•		
Steel casing									•	•
ABS impeller	•	•	•	•	•	•	•	•		
Aluminium impeller									•	• ⁽¹⁾
Protection class	II	II	II	II	II	II	II	II	I	I
Thermal protection by fuse	•	•	•							
Manual resetting thermal protector (PTC)				•	•	•	•	•	•	•
Ball bearings greased for life	•	•	•	•	•	•	•	•	•	•
1 Speed controllable motor									•	•
2 Speed controllable (2) motor	•	•	•							
3 Speed controllable (2) MOTOR				•	•	•	•	•		

(1) Model from one piece die cast aluminium impeller.

(2) Models with Run-On-Timer fitted (TD-MIXVENT-T) are not controllable.