

THT/WALL



Dynamic wall-mount extract fans with motorised hatch, for smoke exhaust in fires, 400°C/2h and 300°C/2h.

Dynamic wall-mount extractor fans with motorised opening system for connection to extract duct. Specially designed for the fast, effective exhaust of harmful smoke and gases in the event of fire. Suitable for installation in industrial buildings, stores or in any other type of building. Approved in accordance with standard EN -12101-3, with F-400 and F-300 certificate. Can be used for ambient ventilation.

Fan:

- An extremely robust structure that is able to withstand severe weather changes.
- Equipment structure made of anti-corrosive galvanised sheet steel.
- Water-tight design to prevent water entry.
- Heat insulation of 60 mm to prevent hot air loss in the winter.
- The wall mount bracket and helical ring support stand permit allow for correct, easy installation.
- With F-400 certificate number 0370-CPR-2823 and F-300 certificate number 0370-CPR-0973.
- Limit switch.
- Tubular casing in sheet steel with polyester resin anti-corrosive treatment.
- Variable angle rotors made of cast aluminium.
- Airflow direction from motor to impeller.

Motor:

- Class H motors for S1 continuous operation and S2 emergency use. With ball bearings, IP55 protection and 1 or 2 speeds, depending on model.
- IE3 efficiency motors for powers equal to or greater than 0.75kW except single-phase, 2-speed and 8-pole.
- Three-phase 230/400V-50Hz (up to 3kW) and 400/690V-50Hz (powers greater than 3kW).
- Maximum temperature of air to be carried: S1 -20°C +40°C continuous service, also suitable for warm climates with temperatures up to 50°C. S2 operation, 300°C/2h, 400°C/2h.

Finish:

- Anti-corrosive finish on galvanised sheet steel.

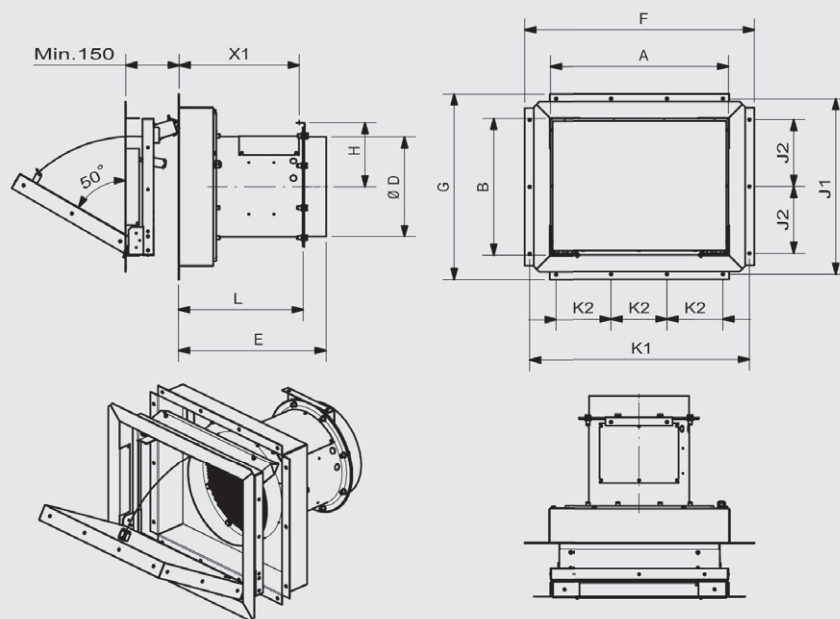
On request:

- Anti-corrosive paint finish, in the colour requested by the client.

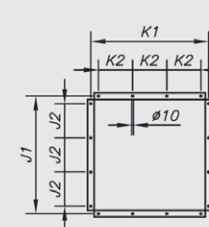


Model	Speed (r/min)	Max. admissible current (A)			Max. electric power (kW)	Blade inclination angle (°)	Max. airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (kg)	According to ErP
		230 V	400 V	690 V						
THT/WALL-40-2T-1 IE3	2850	3.15	1.80		0.75	16	6115	72	112	2015
THT/WALL-40-2T-1.5 IE3	2880	4.70	2.70		1.10	20	7050	73	112	2015
THT/WALL-45-2T-2 IE3	2880	5.90	3.40		1.50	16	9405	75	113	2015
THT/WALL-45-2T-3 IE3	2840	8.70	5.00		2.20	22	11325	77	114	2015
THT/WALL-50-2T-4 IE3	2880	11.20	6.50		3.00	16	13860	79	139	2015
THT/WALL-50-2T-5.5 IE3	2870		9.30	5.40	4.00	20	15900	80	155	2015
THT/WALL-56-2T-5.5 IE3	2870		9.50	5.50	4.00	16	18840	85	155	2015
THT/WALL-56-2T-7.5 IE3	2910		10.60	6.14	5.50	22	22510	86	133	2015
THT/WALL-56-4T-2 IE3	1440	6.20	3.60		1.50	36	15020	72	134	2015
THT/WALL-63-4T-3 IE3	1425	9.00	5.20		2.20	32	22460	73	216	2015
THT/WALL-63-4T-4 IE3	1430	11.40	6.60		3.00	38	24460	74	225	2015
THT/WALL-63-6T-1 IE3	940	4.70	2.70		0.75	38	16025	63	206	2015
THT/WALL-71-4T-3 IE3	1425	9.00	5.20		2.20	22	25100	81	216	2015
THT/WALL-71-4T-4 IE3	1430	11.40	6.60		3.00	28	27500	82	225	2015
THT/WALL-71-4T-5.5 IE3	1440		8.40	4.80	4.00	38	32250	83	235	2015
THT/WALL-71-6T-1.5 IE3	945	5.50	3.20		1.10	34	19950	69	215	2015
THT/WALL-80-4T-3 IE3	1425	9.00	5.20		2.20	12	25545	79	219	2015
THT/WALL-80-4T-4 IE3	1430	11.40	6.60		3.00	16	30410	80	228	2015
THT/WALL-80-4T-5.5 IE3	1440		8.40	4.80	4.00	18	32940	81	234	2015
THT/WALL-80-4T-7.5 IE3	1460		12.60	7.30	5.50	26	39820	82	185	2015
THT/WALL-80-6T-1.5 IE3	945	5.50	3.20		1.10	18	21580	69	218	2015
THT/WALL-80-6T-2 IE3	945	7.40	4.30		1.50	26	26090	70	227	2015
THT/WALL-90-4T-7.5 IE3	1460		12.60	7.30	5.50	18	46325	88	341	2015
THT/WALL-90-4T-10 IE3	1460		17.70	10.20	7.50	22	50315	89	352	2015
THT/WALL-90-4T-15 IE3	1460		22.00	12.70	11.00	30	59610	90	326	2015
THT/WALL-90-6T-3 IE3	950	9.50	5.50		2.20	24	34055	75	314	2015
THT/WALL-90-6T-4 IE3	970	13.50	7.80		3.00	30	39055	76	340	2015
THT/WALL-100-4T-10 IE3	1460		17.70	10.20	7.50	16	57650	90	354	2015
THT/WALL-100-4T-15 IE3	1460		22.00	12.70	11.00	22	66505	91	407	2015
THT/WALL-100-4T-20 IE3	1460		29.00	16.70	15.00	28	76445	92	422	2015
THT/WALL-100-6T-5.5 IE3	970		11.00	6.40	4.00	26	47955	81	354	2015
THT/WALL-100-6T-7.5 IE3	970		12.40	7.20	5.50	32	53545	82	301	2015

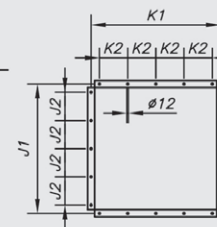
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* Wall mount bracket

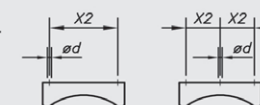


THT/WALL 40
THT/WALL 45
THT/WALL 50
THT/WALL 56
THT/WALL 63
THT/WALL 71
THT/WALL 80



THT/WALL 90
THT/WALL 100

Helical ring support stand



THT/WALL 40

THT/WALL 45
THT/WALL 50
THT/WALL 56
THT/WALL 63
THT/WALL 71
THT/WALL 80
THT/WALL 90
THT/WALL 100

Model	A	B	F	G	ØD*	E	H	L	J1	J2	K1	K2	X1	X2	ød
THT/WALL-40	645	595	730	730	400	610	255	530	700	200	700	200	510	200	10
THT/WALL-45	645	595	730	730	450	610	280	530	700	200	700	200	510	200	12
THT/WALL-50	695	695	825	825	500	610	305	530	790	220	790	220	510	200	12
THT/WALL-56	695	695	875	875	560	610	340	530	790	220	790	220	510	215	13
THT/WALL-63	995	995	1085	1085	630	710	385	630	1050	300	1050	300	605	215	13
THT/WALL-71	995	995	1085	1085	710	710	445	630	1050	300	1050	300	605	225	13
THT/WALL-80	995	995	1145	1145	800	730	490	630	1050	300	1050	300	605	280	13
THT/WALL-90	1195	1195	1350	1350	900	830	550	730	1250	250	1250	250	705	280	18
THT/WALL-100	1195	1195	1345	1345	1000	830	600	730	1250	250	1250	250	705	280	18

(*) Recommended pipe nominal diameter • (A x B) Nominal wall opening size.