

WALL/DUCT



Dynamic wall mount extractor fans fitted with motorised hatch

Dynamic wall mount extractor fans with motorised opening system for connection to extract duct. Suitable for installation in industrial buildings, stores or in any other type of building.

Fan:

- Helicoidal casing support and fixing flange to allow easy wall anchorage and installation.
- Tubular casing in sheet steel with external terminal box.
- PL impellers manufactured in polyamide 6 re-inforced with fibreglass. AL impellers manufactured in cast aluminum. Models 40-2T, 45-2T, 100-4T-15, 100-4T-20 and 125 are only supplied in AL version.
- Airflow direction from motor to impeller.

Extruded aluminum hatch:

- An extremely robust structure that is able to withstand severe weather changes.
- Designed to ensure watertightness.
- Aluminum profile with thermal bridge break.
- Central ceiling and structure equipped with high performance thermal insulation.
- Thermal resistance of the assembly less than 0.89 W/m²·K.
- Limit switches in both positions (open and closed).

- Possibility of mounting in upper and lower opening. Size 125 only top opening.
- Manual opening system.

Motor:

- IE3 efficiency motors.
- Class F motors with ball bearings, IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +60 °C.

Actuator:

- Reliability greater than 11,000 dual cycles.
- Supply voltage at 230 V AC 50/60 Hz.
- Working temperature: -25 °C +60 °C.

Flap finish:

- Anti-corrosive in extruded aluminum.
- RAL 7016 supplied as standard. Any other RAL can be supplied on demand.

On request:

- AA: impeller-motor air direction for air entry to premises.

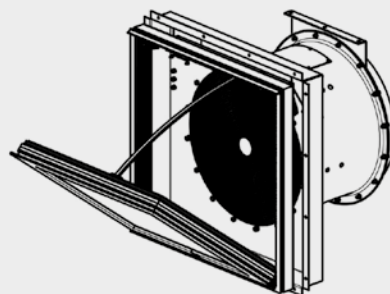
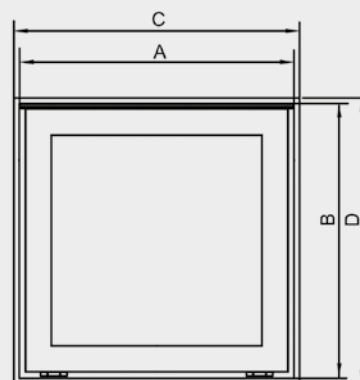
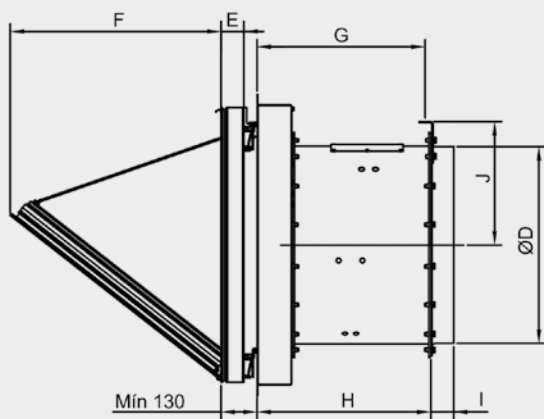
Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum flow rate (m ³ /h)	Sound pressure level ¹ dB (A)	Approx. weight (Kg)	According ErP*
		230V	400V	690V					
WALL/DUCT-40-2T-1.5 IE3	2830	4.03	2.34		1.10	8800	76	55	2015
WALL/DUCT-45-2T-2 IE3	2875	5.34	3.07		1.50	10650	79	64	2015
WALL/DUCT-45-2T-3 IE3	2910	7.32	4.21		2.20	12750	81	68	2015
WALL/DUCT-45-4T-0.5	1370	2.02	1.17		0.37	7100	61	53	2015
WALL/DUCT-50-4T-0.75	1380	2.92	1.69		0.55	10400	65	63	2015
WALL/DUCT-56-4T-1 IE3	1420	2.82	1.62		0.75	12950	68	71	2020
WALL/DUCT-56-4T-1.5 IE3	1455	4.07	2.34		1.10	14000	69	77	2020
WALL/DUCT-56-4T-2 IE3	1440	5.41	3.11		1.50	15290	70	83	2015
WALL/DUCT-56-6T-0.75	900	2.99	1.73		0.55	9990	57	70	2020
WALL/DUCT-63-4T-1 IE3	1420	2.82	1.62		0.75	14140	70	98	2020
WALL/DUCT-63-4T-1.5 IE3	1455	4.07	2.34		1.10	17000	71	104	2020
WALL/DUCT-63-4T-2 IE3	1440	5.41	3.11		1.50	18900	72	111	2020
WALL/DUCT-63-4T-3 IE3	1435	7.93	4.56		2.20	22100	73	113	2020
WALL/DUCT-63-4T-4 IE3	1440	10.70	6.15		3.00	25400	74	119	2020
WALL/DUCT-63-6T-0.75	900	2.99	1.73		0.55	12750	62	97	2015
WALL/DUCT-71-4T-2 IE3	1440	5.41	3.11		1.50	21100	76	117	2020
WALL/DUCT-71-4T-3 IE3	1435	7.93	4.56		2.20	23950	78	119	2020
WALL/DUCT-71-4T-4 IE3	1440	10.70	6.15		3.00	29400	79	125	2015
WALL/DUCT-71-6T-1 IE3	940	3.36	1.93		0.75	17250	65	112	2015
WALL/DUCT-71-6T-1.5 IE3	945	4.68	2.69		1.10	20950	66	117	2015
WALL/DUCT-80-4T-3 IE3	1435	7.93	4.56		2.20	28000	79	132	2020
WALL/DUCT-80-4T-4 IE3	1440	10.70	6.15		3.00	32700	80	138	2020

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum flow rate (m ³ /h)	Sound pressure level ¹ dB (A)	Approx. weight (Kg)	According ErP*
		230V	400V	690V					
WALL/DUCT-80-4T-5.5 IE3	1450	13.90	8.00		4.00	37200	81	140	2020
WALL/DUCT-80-6T-1.5 IE3	945	4.68	2.69		1.10	24250	69	131	2020
WALL/DUCT-80-6T-2 IE3	950	6.43	3.70		1.50	28000	70	134	2020
WALL/DUCT-90-4T-5.5 IE3	1450	13.90	8.00		4.00	41850	87	176	2020
WALL/DUCT-90-4T-7.5 IE3	1465		10.30	5.97	5.50	47000	89	211	2020
WALL/DUCT-90-4T-10 IE3	1465		13.90	8.06	7.50	53000	90	215	2020
WALL/DUCT-90-6T-2 IE3	950	6.43	3.70		1.50	30000	75	167	2020
WALL/DUCT-90-6T-3 IE3	950	9.08	5.22		2.20	35000	76	175	2020
WALL/DUCT-90-6T-4 IE3	970	12.00	6.91		3.00	40000	77	193	2015
WALL/DUCT-100-4T-7.5 IE3	1465		10.30	5.97	5.50	52500	92	221	2020
WALL/DUCT-100-4T-10 IE3	1465		13.90	8.06	7.50	58500	93	224	2020
WALL/DUCT-100-4T-15 IE3	1470		20.90	12.10	11.00	68000	94	262	2020
WALL/DUCT-100-4T-20 IE3	1465		27.90	16.20	15.00	71850	95	273	2020
WALL/DUCT-100-6T-3 IE3	950	9.08	5.22		2.20	40500	82	184	2020
WALL/DUCT-100-6T-4 IE3	970	12.00	6.91		3.00	46950	83	202	2015
WALL/DUCT-100-6T-5.5 IE3	960	15.60	8.99		4.00	52000	84	208	2015
WALL/DUCT-125-4T/6-20 IE3	1470		27.90	16.20	15.00	78610	84	462	2020
WALL/DUCT-125-4T/6-25 IE3	1470		35.10	20.30	18.50	92550	83	530	2020
WALL/DUCT-125-4T/6-30 IE3	1470		41.00	23.80	22.00	98830	82	544	2020
WALL/DUCT-125-4T/6-40 IE3	1475		57.10	33.10	30.00	117460	82	625	2020
WALL/DUCT-125-4T/6-50 IE3	1480		66.80	38.70	37.00	131060	82	673	2020
WALL/DUCT-125-4T/9-25 IE3	1470		35.10	20.30	18.50	79670	84	539	2020

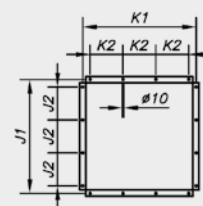
Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum flow rate (m ³ /h)	Sound pressure level ¹ dB (A)	Approx. weight (Kg)	According ErP*
		230V	400V	690V					
WALL/DUCT-125-4T/9-30 IE3	1470		41.00	23.80	22.00	88280	83	553	2020
WALL/DUCT-125-4T/9-40 IE3	1475		57.10	33.10	30.00	104040	82	634	2020
WALL/DUCT-125-4T/9-50 IE3	1480		66.80	38.70	37.00	118400	82	682	2020
WALL/DUCT-125-4T/12-30 IE3	1475		41.00	23.80	22.00	62900	85	569	2020
WALL/DUCT-125-4T/12-40 IE3	1470		57.10	33.10	30.00	79180	85	650	2020
WALL/DUCT-125-4T/12-50 IE3	1480		66.80	38.70	37.00	95720	83	693	2020
WALL/DUCT-125-6T/6-5.5 IE3	960	15.60	8.99		4.00	51500	74	395	2020
WALL/DUCT-125-6T/6-7.5 IE3	960		11.20	6.49	5.50	60630	72	402	2020
WALL/DUCT-125-6T/6-10 IE3	960		14.80	8.58	7.50	72650	71	427	2020
WALL/DUCT-125-6T/6-15 IE3	955		21.90	12.70	11.00	85870	71	457	2020
WALL/DUCT-125-6T/6-20 IE3	970		28.20	16.30	15.00	92850	73	530	2020
WALL/DUCT-125-6T/9-10 IE3	960		14.80	8.58	7.50	63490	74	436	2020
WALL/DUCT-125-6T/9-15 IE3	955		21.90	12.70	11.00	77570	72	466	2020
WALL/DUCT-125-6T/9-20 IE3	970		28.20	16.30	15.00	92970	72	539	2020
WALL/DUCT-125-6T/9-25 IE3	975		35.90	20.80	18.50	96500	74	569	2020
WALL/DUCT-125-6T/12-25 IE3	975		35.90	20.80	18.50	91680	74	579	2020
WALL/DUCT-125-6T/12-30 IE3	975		42.40	24.60	22.00	102050	75	621	2020
WALL/DUCT-125-6T/12-40 IE3	980		55.40	32.10	30.00	115950	79	739	2020

¹ Irradiated sound pressure level in dB(A) at a distance of 3 m.
 * In accordance with the ErP 2020 draft

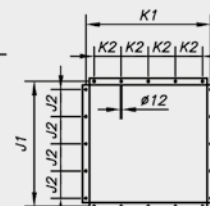
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*Wall-mounting flange

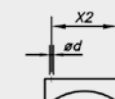


- WALL/DUCT 40
- WALL/DUCT 45
- WALL/DUCT 50
- WALL/DUCT 56
- WALL/DUCT 63
- WALL/DUCT 71
- WALL/DUCT 80

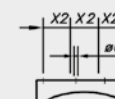


- WALL/DUCT 90
- WALL/DUCT 100
- WALL/DUCT 125

Helical ring support stand



WALL/DUCT 40



WALL/DUCT 125



- WALL/DUCT 45
- WALL/DUCT 50
- WALL/DUCT 56
- WALL/DUCT 63
- WALL/DUCT 71
- WALL/DUCT 80
- WALL/DUCT 90
- WALL/DUCT 100

Model	A	B	C	D	ØD*	I	J	H	G	E	F	J1	J2	K1	K2	X2	ød
WALL/DUCT-40	640	590	650	600	400	80	255	450	430	82	430	700	200	700	200	200	10
WALL/DUCT-45	640	590	650	600	450	80	280	490	470	82	430	700	200	700	200	200	12
WALL/DUCT-50	690	690	700	700	500	80	305	490	470	82	560	790	220	790	220	200	12
WALL/DUCT-56	690	690	700	700	560	80	340	530	510	82	560	790	220	790	220	215	13
WALL/DUCT-63	990	990	1000	1000	630	80	385	560	540	82	760	1050	300	1050	300	215	13
WALL/DUCT-71	990	990	1000	1000	710	80	445	630	605	82	760	1050	300	1050	300	225	13
WALL/DUCT-80	990	990	1000	1000	800	100	490	630	605	82	760	1050	300	1050	300	280	13
WALL/DUCT-90	1190	1190	1200	1200	900	100	550	630	605	82	790	1250	250	1250	250	280	18
WALL/DUCT-100	1190	1190	1200	1200	1000	100	600	730	705	82	790	1250	250	1250	250	280	18
WALL/DUCT-100 >10CV	1190	1190	1200	1200	1000	100	600	830	805	82	790	1250	250	1250	250	280	18
WALL/DUCT-125	1490	1490	1500	1500	1250	100	725	1045	1025	82	1240	1600	300	1600	300	300	18
WALL/DUCT-125 (4T/6-20; 6T/6-5,5; 6T/6-10; 6T/6-15; 6T/6-20; 6T/9-10; 6T/9-15)	1490	1490	1500	1500	1250	100	725	845	825	82	1240	1600	300	1600	300	300	18
WALL/DUCT-125-50CV	1490	1490	1500	1500	1250	100	725	1145	1125	82	1240	1600	300	1600	300	300	18

* Recommended nominal tube diameter
 (C x D) Nominal size of the wall opening.