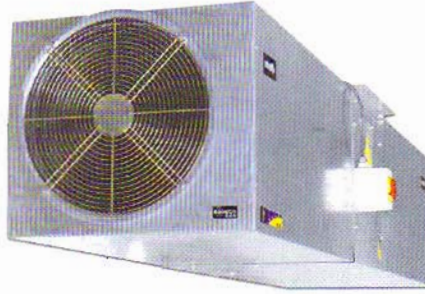




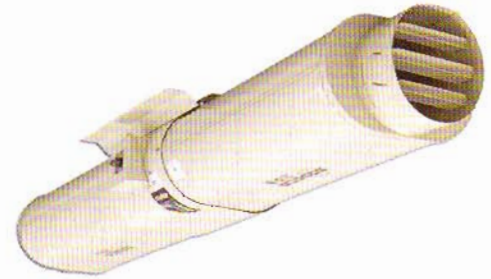
Long-range impulsion fans, 400°C/2h and 200°C/2h



THT/IMP-C



THT/IMP-R

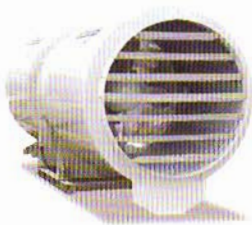


THT/IMP-O

Single-direction or reversible long-range impulsion fans, 400°C/2h and 200°C/2h (models 29, 31, 35 and 38) with circular (THT/IMP-C), rectangular (THT/IMP-R) or oval (THT/IMP-O) design.

Fan:

- Single-direction or reversible ventilation unit consisting of a fan, silencers, deflectors and brackets, certified for smoke extraction in accordance with standard EN-12101-3-2002, certification no.: 0370-CPD-0394.
- Variable cast aluminium impellers designed for optimum impulsion.
- Protection guard, in accordance with standard UNE 100250, in single-direction models.
- Deflector to increase airflow range, on the impeller side. Reversible models are fitted with deflectors on both sides.
- Highly effective silencers with thermal and acoustic insulation.
- Safety switch, IAT series, supplied built-in to the fan (THT/IMP-R and THT/IMP-O) or on request (THT/IMP-C).
- Airflow direction from motor to impeller or 100% reversible.
- THT/IMP-C: Steel sheet circular casing.
- THT/IMP-C: Base plate especially designed to support the entire unit. From diameter 500 mm upwards supplied with anti-vibration damper springs.
- THT/IMP-R: Rectangular galvanized sheet steel casing.
- THT/IMP-O: Oval sheet steel casing, with minimum height.



Deflector to increase range

Motor:

- Class H motors, ongoing use S1 and emergency use S2, with ball bearings and IP55 protection, 2-speed.
- Three-phase 400V.-50Hz. DHALANDER
- Max. airflow temperature: S1 Service - 20°C+ 40°C for ongoing use, S2 Service 400°C/2h or S2 Service 200°C/2h depending on model.

Finish: Anticorrosive in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment (THT/IMP-C, THT/IMP-O) or anticorrosive galvanized sheet steel (THT/IMP-R).

On request:

- Fans with one-speed motor for 400°C/2h and one- or two-speed for 200°C/2h.
- Different impulsion power from that described above.

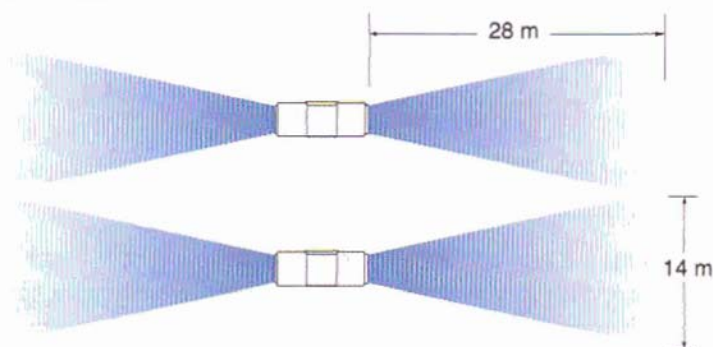


Technical characteristics

Model	(r/min)	Max. admitted intensity (A) 400V	Maximum airflow (m ³ /h)	Impulsion (N)	Impulsion speed (m/s)	Installed power (kW)	LpA sound pressure at 10m dB(A)	Approx. weight (Kg)
THT/IMP-C-UNI-31-2/4T	2880/1420	1.25/0.45	4260/2130	21/5	15.6/7.8	0.55/0.11	51/36	57.0
THT/IMP-C-UNI-35-2/4T	2890/1415	1.90/0.70	6360/3180	36/9	17.8/8.9	0.85/0.20	52/37	61.0
THT/IMP-C-UNI-38-2/4T-1.5	2905/1440	2.50/0.90	8450/4225	57/15	20.7/10.3	1.10/0.25	47/32	85.0
THT/IMP-C-UNI-40-2/4T-1.5	2905/1440	2.50/0.90	9250/4625	60/15	20.4/10.2	1.10/0.25	53/38	94.0
THT/IMP-C-UNI-45-2/4T-2	2935/1450	3.80/1.20	10800/5400	62/15	18.1/9.0	1.50/0.37	57/42	125.0
THT/IMP-C-UNI-45-2/4T-3	2910/1420	5.00/1.60	13200/6600	92/23	22.1/11.0	2.20/0.60	58/44	127.0
THT/IMP-C-UNI-50-2/4T-6	2910/1440	8.50/3.00	19700/9850	165/41	26.4/13.2	4.50/1.30	60/46	210.0
THT/IMP-C-UNI-56-2/4T-12	2920/1450	20.70/5.50	27900/13950	278/69	31.5/15.7	9.00/2.50	64/50	273.0
THT/IMP-C-UNI-63-2/4T-18	2965/1480	27.20/7.50	38800/19400	411/103	33.5/16.8	13.50/3.30	68/53	323.0
THT/IMP-C-UNI-71-4/8T-4	1430/710	6.50/2.30	26600/13300	157/39	18.7/9.3	3.00/0.60	65/50	279.0
THT/IMP-C-UNI-80-4/8T-7.5	1450/725	11.80/3.80	38300/19150	257/64	21.2/10.6	5.50/1.10	63/48	414.0
THT/IMP-C-UNI-90-4/8T-10	1460/725	15.30/5.40	49700/24850	341/86	21.7/10.9	7.50/1.50	65/50	495.0
THT/IMP-C-UNI-100-4/8T-15	1470/725	23.20/8.70	64850/32425	470/118	22.9/11.5	10.50/2.80	63/48	667.0
THT/IMP-C-REV-31-2/4T	2880/1420	1.25/0.45	3840/1920	17/4	14.1/7.0	0.55/0.11	50/35	57.0
THT/IMP-C-REV-35-2/4T	2890/1415	1.90/0.70	5940/2970	31/8	16.7/8.3	0.85/0.20	51/36	61.0
THT/IMP-C-REV-38-2/4T-2	2935/1450	3.80/1.20	8200/4100	54/14	20.1/10.0	1.50/0.37	49/34	85.0
THT/IMP-C-REV-40-2/4T-2	2935/1450	3.80/1.20	9250/4625	60/15	20.4/10.2	1.50/0.37	52/37	94.0
THT/IMP-C-REV-45-2/4T-2	2935/1450	3.80/1.20	10300/5150	56/14	17.2/8.6	1.50/0.37	56/41	125.0
THT/IMP-C-REV-45-2/4T-3	2910/1420	5.00/1.60	12800/6400	87/22	21.4/10.7	2.20/0.60	57/43	127.0
THT/IMP-C-REV-50-2/4T-6	2910/1440	8.50/3.00	19000/9500	153/38	25.4/12.7	4.50/1.30	60/46	210.0
THT/IMP-C-REV-56-2/4T-12	2920/1450	20.70/5.50	27000/13500	261/65	30.5/15.2	9.00/2.50	63/49	273.0
THT/IMP-C-REV-63-2/4T-18	2965/1480	27.20/7.50	37800/18900	390/98	32.6/16.3	13.50/3.30	67/52	323.0
THT/IMP-C-REV-71-4/8T-4	1430/710	6.50/2.30	26000/13000	150/37	18.2/9.1	3.00/0.60	64/49	279.0
THT/IMP-C-REV-80-4/8T-7.5	1450/720	11.80/3.80	37500/18750	246/62	20.7/10.4	5.50/1.10	62/47	414.0
THT/IMP-C-REV-90-4/8T-10	1460/725	15.30/5.40	48500/24250	325/81	21.2/10.6	7.50/1.50	64/49	495.0
THT/IMP-C-REV-100-4/8T-15	1470/725	23.20/8.70	63700/31850	454/114	22.5/11.3	10.50/2.80	62/47	667.0
THT/IMP-R-UNI-38-2/4T-1.5	2905/1440	2.50/0.90	8450/4225	57/15	20.7/10.3	1.10/0.25	42/27	141.0
THT/IMP-R-UNI-40-2/4T-1.5	2905/1440	2.50/0.90	9250/4625	60/15	20.4/10.2	1.10/0.25	48/33	145.0
THT/IMP-R-REV-38-2/4T-2	2935/1450	3.80/1.20	8200/4100	54/14	20.1/10.0	1.50/0.37	49/34	141.0
THT/IMP-R-REV-40-2/4T-2	2935/1450	3.80/1.20	9250/4625	60/15	20.4/10.2	1.50/0.37	52/37	145.0
THT/IMP-O-UNI-29-2/4T	2880/1420	1.25/0.45	4000/2000	21/5	16.8/8.4	0.55/0.11	37/22	65.0
THT/IMP-O-UNI-35-2/4T	2890/1415	1.90/0.70	6360/3180	36/9	17.8/8.9	0.85/0.20	52/37	61.0
THT/IMP-O-REV-29-2/4T	2880/1420	1.25/0.45	3400/1700	15/4	14.3/7.1	0.55/0.11	38/23	65.0
THT/IMP-O-REV-35-2/4T	2890/1415	1.90/0.70	5940/2970	31/8	16.7/8.3	0.85/0.20	51/36	61.0

* Only version with 200°C/2h motor

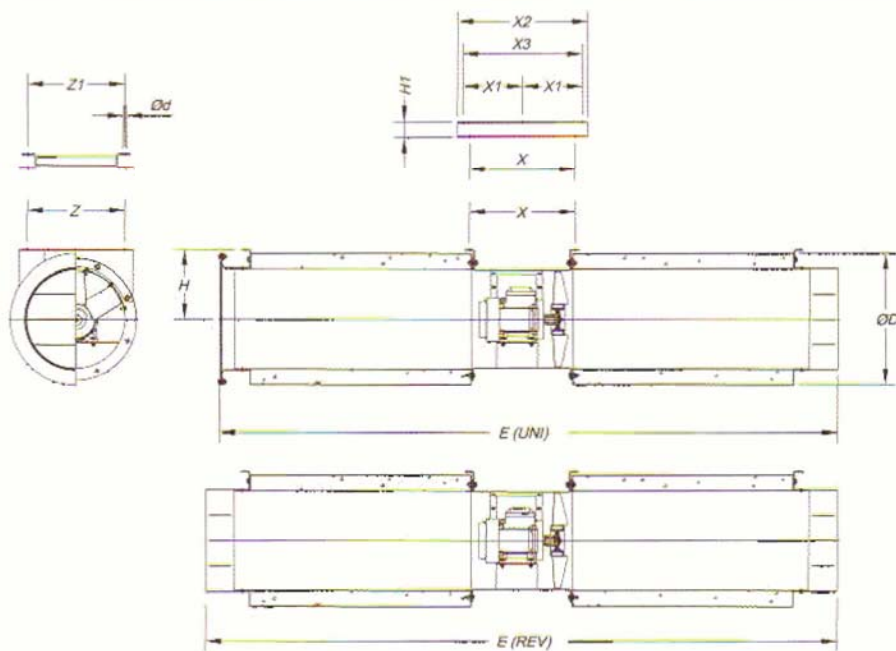
Range



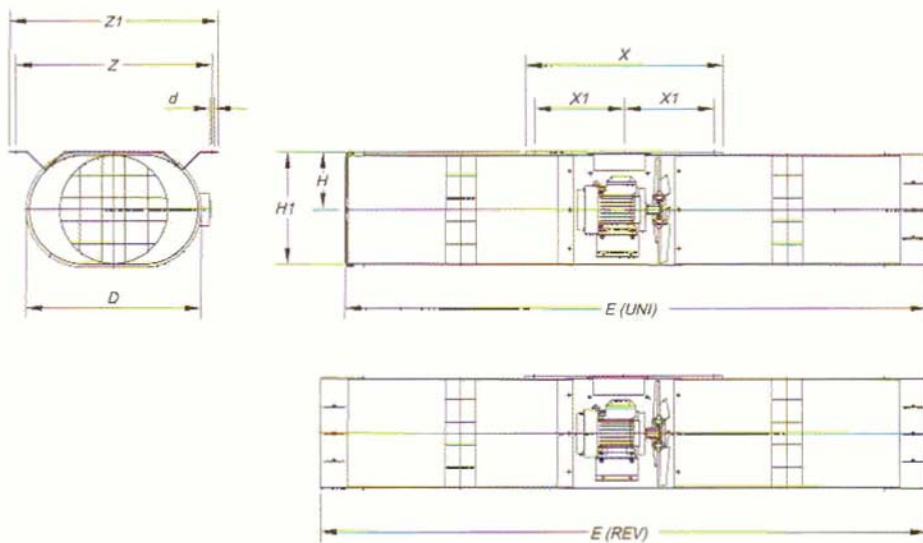
Model	D(m)	L(m)
THT/IMP-C-31	10	20
THT/IMP-C-35	12	24
THT/IMP-C-38	14	28
THT/IMP-R-38	14	28
THT/IMP-C-40	15	28
THT/IMP-R-40	15	28
THT/IMP-C-45	17	34
THT/IMP-C-50	21	42
THT/IMP-C-56	25	50
THT/IMP-C-63	30	60
THT/IMP-C-71	25	50



Dimensions in mm



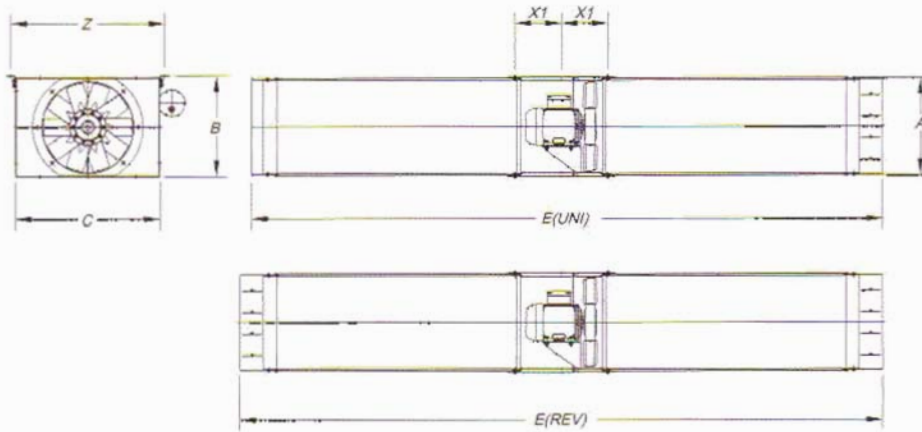
Model	ØD	Ød	E(UNI)	E(REV)	H	H1	X	X1	X2	X3	Z	Z1
THT/IMP-C-31	415	10	1956	2000	220	-	335	-	-	-	275	-
THT/IMP-C-35	460	12	1960	2005	250	-	336	-	-	-	300	-
THT/IMP-C-38	415	11	2570	2620	225	-	-	-	600	530	-	517
THT/IMP-C-40	510	12	2485	2540	280	-	368	-	-	-	400	-
THT/IMP-C-45	630	12	2500	2554	355	-	385	-	-	-	440	-
THT/IMP-C-50	710	12	2895	2950	410	80	508	320	700	-	380	370
THT/IMP-C-56	750	12	3145	3200	503	80	558	345	750	-	475	465
THT/IMP-C-63	800	14	3295	3350	435	80	706	418	900	-	550	540
THT/IMP-C-71	900	12	3145	3200	510	80	558	345	750	-	475	465
THT/IMP-C-80	1000	14	3850	3900	565	80	656	395	855	-	730	730
THT/IMP-C-90	1100	14	3850	3900	585	80	647	390.5	846	-	825	825
THT/IMP-C-100	1200	14	4950	5000	640	80	767	450	965	-	884	884



Model	D	Ød	E(UNI)	E(REV)	H	H1	X	X1	Z	Z1
THT/IMP-O-29	460	12	2506	2600	160	310	700	330	550	590
THT/IMP-O-35	560	12	1925	2005	190.5	370	654	297	650	690

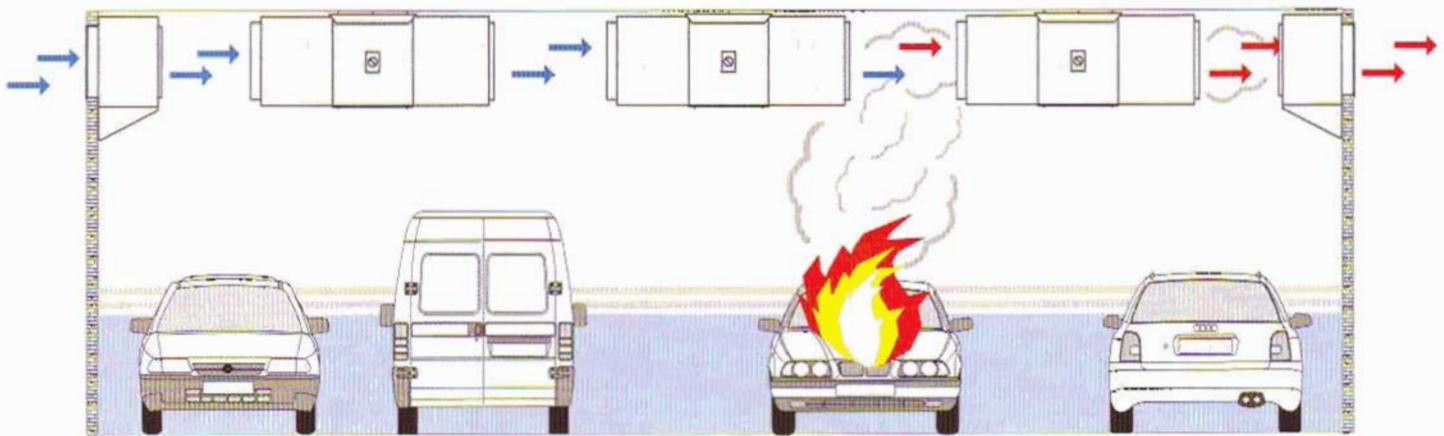


Dimensions in mm



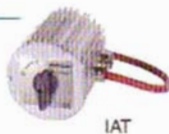
Model	A	B	C	Ød	E(UNI)	E(REV)	X1	Z
THT/IMP-R-38	406	421	600	12	2600	2676	193	640
THT/IMP-R-40	503	518	600	12	2600	2676	193	640

Use in garages



Accessories

See accessories section.



IAT