

HTMH

Multifunctional roof fans for large flows

Multifunctional roof fans, highly robust construction, for large flows

Fan:

- Painted galvanised sheet steel base plate
- Turnable impellers cast aluminium.
- Protection guard to prevent contacts according to standard UNE-EN ISO 12499:2010
- Painted galvanised sheet steel hood with natural air outlet.

Motor:

- IE2 efficiency motors for capacities equal to or over 0.75kW and below 7.5kW, except single-phase, 2 speed and 8 pole motors.
- IE3 efficiency for 7.5kW and larger motors. Except single-phase, 2 speed and 8 pole motors
- Class F insulation, IP55,
- Single-phase 230V-50Hz and three phase, 50Hz, 230/400V motors up to and including 4kW. 400/690V over 4kW)
- Fan working temperature: -25°C + 50°C

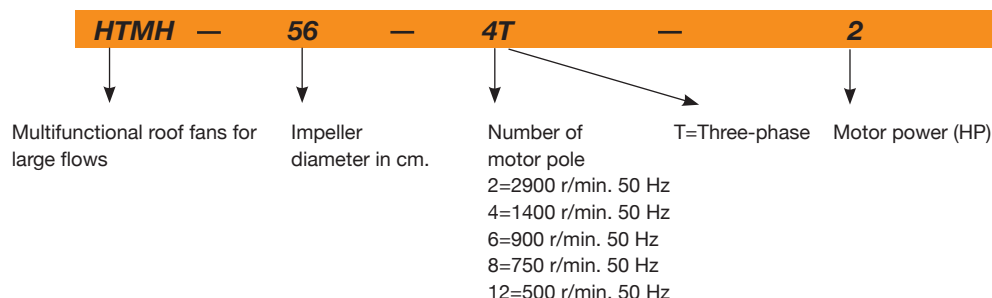
On request:

- ATEX and two-speed motors
- Made entirely from stainless steel.
- Hot-rolled galvanised steel construction
- Marine motors for naval applications with certification for essential service by various classifying societies (BV, DNV, LR)
- CE, NEMA, UL, CSA motors
- Finish surface quality C5M
- IE2 and IE3 efficiency motors assembled on any unit

Finish:

- Anti-corrosive finish in polyester resin, polymerised at 190°C after phosphate free pre-treatment
- Finish surface quality C4H

Order code



Technical characteristics

Model	Speed (r/min)	Maximum current admissible (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure (1) level dB(A)		Approx. weight (Kg)
		230V	400V	690V			Inlet	Outlet	
HTMH-56-4T-1	1410	2.83	1.63		0.75	10545	62	59	67
HTMH-56-4T-1.5	1400	4.03	2.32		1.10	11400	63	60	69
HTMH-56-4/8T-1.5	1440 / 710		2.90 / 1.30		1.10 / 0.25	11400 / 5700	63 / 48	60 / 45	67
HTMH-56-6T-0.75	910	2.59	1.49		0.55	8170	51	49	67
HTMH-63-4T-1.5	1400	4.03	2.32		1.10	13870	65	62	81
HTMH-63-4/8T-1.5	1440 / 710		2.90 / 1.30		1.10 / 0.25	13870 / 6935	65 / 50	62 / 47	79
HTMH-63-4T-2	1440	5.67	3.26		1.50	15485	66	63	87
HTMH-63-4/8T-2	1420 / 700		3.50 / 1.50		1.50 / 0.37	15485 / 7742	66 / 51	63 / 48	80
HTMH-63-4T-3	1435	8.07	4.64		2.20	17955	67	64	96
HTMH-63-4/8T-3	1430 / 710		4.90 / 1.70		2.20 / 0.45	17955 / 8977	67 / 52	64 / 49	86
HTMH-63-6T-0.75	910	2.59	1.49		0.55	10260	56	54	79
HTMH-63-6T-1	925	3.39	1.95		0.75	11305	57	55	84
HTMH-71-4T-2	1440	5.67	3.26		1.50	16150	69	66	93
HTMH-71-4/8T-2	1420 / 700		3.50 / 1.50		1.50 / 0.37	16150 / 8075	69 / 54	66 / 51	86
HTMH-71-4T-3	1435	8.07	4.64		2.20	18430	71	68	101
HTMH-71-4/8T-3	1430 / 710		4.90 / 1.70		2.20 / 0.45	18430 / 9215	71 / 56	68 / 53	91
HTMH-71-4T-4	1420	10.70	6.17		3.00	22610	72	69	104

Technical characteristics

Model	Speed (r/min)	Maximum current admissible (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure (1) level dB(A)		Approx. weight (Kg)
		230V	400V	690V			Inlet	Outlet	
HTMH-71-4/8T-4	1430 / 710		6.50 / 2.30		3.00 / 0.60	22610 / 11305	72 / 57	69 / 54	98
HTMH-71-6T-1	925	3.39	1.95		0.75	13205	58	56	90
HTMH-71-6T-1.5	925	4.83	2.78		1.10	16245	59	57	94
HTMH-80-4T-4	1420	10.70	6.17		3.00	27600	73	70	127
HTMH-80-4/8T-4	1430 / 710		6.50 / 2.30		3.00 / 0.60	27600 / 13800	73 / 58	70 / 55	121
HTMH-80-4T-5.5	1440	14.10	8.12		4.00	30176	74	71	136
HTMH-80-4/8T-5.5	1430 / 710		8.20 / 2.90		4.00 / 0.80	30176 / 15088	74 / 59	71 / 56	125
HTMH-80-6T-1.5	925	4.83	2.78		1.10	19412	62	60	117
HTMH-80-6T-2	940	6.45	3.71		1.50	22172	63	61	122
HTMH-80-6T-3	955	10.30	5.94		2.20	24932	64	62	132
HTMH-80-8T-1	705	4.68	2.70		0.75	16376	61	60	117
HTMH-90-4T-5.5	1440	14.10	8.12		4.00	35052	79	76	158
HTMH-90-4/8T-5.5	1430 / 710		8.20 / 2.90		4.00 / 0.80	35052 / 17526	79 / 64	76 / 61	147
HTMH-90-4T-7.5	1460		10.50	6.09	5.50	38456	81	78	176
HTMH-90-4/8T-7.5	1450 / 720		11.80 / 3.80		5.50 / 1.10	38456 / 19228	81 / 66	78 / 63	166
HTMH-90-4T-10 IE3	1465		13.90	8.06	7.50	41308	82	79	194
HTMH-90-4/8T-9	1460 / 725		15.30 / 5.40		7.50 / 1.50	41308 / 20654	82 / 67	79 / 64	175
HTMH-90-6T-3	955	10.30	5.94		2.20	29256	68	66	154
HTMH-90-6/12T-3	940 / 470		5.60 / 2.20		2.20 / 0.37	29256 / 14628	68 / 53	66 / 51	148
HTMH-90-6T-4	960	12.70	7.30		3.00	32016	69	67	177
HTMH-90-6/12T-4	960 / 480		9.00 / 3.50		3.00 / 0.55	32016 / 16008	69 / 54	67 / 52	166
HTMH-90-8T-1	705	4.68	2.70		0.75	17020	61	60	139
HTMH-90-8T-2	705	7.10	4.10		1.50	19596	63	62	150
HTMH-100-4T-7.5	1460		10.50	6.09	5.50	40756	84	81	200
HTMH-100-4/8T-7.5	1450 / 720		11.80 / 3.80		5.50 / 1.10	40756 / 20378	84 / 69	81 / 66	190
HTMH-100-4T-10 IE3	1465		13.90	8.06	7.50	47564	85	82	218
HTMH-100-4/8T-9	1460 / 725		15.30 / 5.40		7.50 / 1.50	44528 / 22264	84 / 69	81 / 66	199
HTMH-100-4T-15 IE3	1470		20.90	12.10	11.00	51336	86	83	253
HTMH-100-4/8T-14	1470 / 725		23.20 / 8.70		11.00 / 2.80	48300 / 24150	85 / 70	82 / 67	230
HTMH-100-6T-3	955	10.30	5.94		2.20	32476	74	72	178
HTMH-100-6/12T-3	940 / 470		5.60 / 2.20		2.20 / 0.37	32476 / 16238	74 / 59	72 / 57	172
HTMH-100-6T-4	960	12.70	7.30		3.00	35420	75	73	201
HTMH-100-6/12T-4	960 / 480		9.00 / 3.50		3.00 / 0.55	35420 / 17710	75 / 60	73 / 58	190
HTMH-100-6T-5.5	960	16.50	9.46		4.00	40020	76	74	208
HTMH-100-6/12T-5.5	970 / 480		11.00 / 4.00		4.00 / 0.65	40020 / 20010	76 / 61	74 / 59	200
HTMH-100-8T-3	705	9.53	5.50		2.20	26404	69	68	186
HTMH-100-8T-4	705	12.82	7.40		3.00	28704	70	69	193
HTMH-125-4T/3-10 IE3	1465		13.90	8.06	7.50	55250	75	72	337
HTMH-125-4T/3-15 IE3	1470		21.40	12.40	11.00	72150	76	73	382
HTMH-125-4T/3-20 IE3	1465		28.70	16.60	15.00	83120	78	75	377
HTMH-125-4T/6-15 IE3	1470		21.40	12.40	11.00	66800	76	73	398
HTMH-125-4T/6-20 IE3	1465		28.70	16.60	15.00	72900	76	73	393
HTMH-125-4T/9-20 IE3	1465		28.70	16.60	15.00	76310	75	72	408
HTMH-125-6T/6-5.5	960	16.50	9.46		4.00	47760	63	61	343
HTMH-125-6T/6-7.5	960		12.80	7.42	5.50	55600	63	61	347
HTMH-125-6T/6-10 IE3	970		14.80	8.58	7.50	66170	65	63	369
HTMH-125-6T/6-15 IE3	970		22.00	12.80	11.00	76380	67	65	399
HTMH-125-6T/9-7.5	960		12.80	7.42	5.50	50000	64	62	362
HTMH-125-6T/9-10 IE3	970		14.80	8.58	7.50	59340	64	62	384
HTMH-125-6T/9-15 IE3	970		22.00	12.80	11.00	71890	67	65	414
HTMH-125-6T/9-20 IE3	975		28.00	16.20	15.00	83660	70	68	467
HTMH-125-8T/6-4	705	12.82	7.40		3.00	47510	56	55	328
HTMH-125-8T/6-5.5	710	16.11	9.30		4.00	52770	58	57	345
HTMH-125-8T/6-7.5	710		12.00	7.20	5.50	60410	60	59	361
HTMH-125-8T/6-10	725		16.00	9.50	7.50	66030	61	60	389
HTMH-125-8T/9-5.5	710	16.11	9.30		4.00	51330	58	57	360
HTMH-125-8T/9-7.5	710		12.00	7.20	5.50	54480	61	60	376
HTMH-125-8T/9-10	725		16.00	9.50	7.50	65660	63	62	404
HTMH-125-8T/9-15	720		24.00	13.80	11.00	73870	64	63	426

(1) The sound level values are free field measurements of pressure in dB(A) at a distance of 6 m.

Acoustic features

Values taken at inlet with maximum airflow.

Values taken at outlet with maximum airflow.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
56-4-1	46	67	74	79	82	78	71	60	56-4-1	43	64	71	76	79	75	68	57
56-4-1.5	47	68	75	80	83	79	72	61	56-4-1.5	44	65	72	77	80	76	69	58
56-6-0.75	35	56	63	68	71	67	60	49	56-6-0.75	33	54	61	66	69	65	58	47
56-8-1.5	32	53	60	65	68	64	57	46	56-8-1.5	29	50	57	62	65	61	54	43
63-4-1.5	49	70	77	82	85	81	74	63	63-4-1.5	46	67	74	79	82	78	71	60
63-4-2	50	71	78	83	86	82	75	64	63-4-2	47	68	75	80	83	79	72	61
63-4-3	51	72	79	84	87	83	76	65	63-4-3	48	69	76	81	84	80	73	62
63-6-0.75	40	61	68	73	76	72	65	54	63-6-0.75	38	59	66	71	74	70	63	52
63-6-1	41	62	69	74	77	73	66	55	63-6-1	39	60	67	72	75	71	64	53
63-8-1.5	34	55	62	67	70	66	59	48	63-8-1.5	31	52	59	64	67	63	56	45
63-8-2	35	56	63	68	71	67	60	49	63-8-2	32	53	60	65	68	64	57	46
63-8-3	36	57	64	69	72	68	61	50	63-8-3	33	54	61	66	69	65	58	47
71-4-2	53	74	81	86	89	85	78	67	71-4-2	50	71	78	83	86	82	75	64
71-4-3	55	76	83	88	91	87	80	69	71-4-3	52	73	80	85	88	84	77	66
71-4-4	56	77	84	89	92	88	81	70	71-4-4	53	74	81	86	89	85	78	67
71-6-1	42	63	70	75	78	74	67	56	71-6-1	40	61	68	73	76	72	65	54
71-6-1.5	43	64	71	76	79	75	68	57	71-6-1.5	41	62	69	74	77	73	66	55
71-8-2	38	59	66	71	74	70	63	52	71-8-2	35	56	63	68	71	67	60	49
71-8-3	40	61	68	73	76	72	65	54	71-8-3	37	58	65	70	73	69	62	51
71-8-4	41	62	69	74	77	73	66	55	71-8-4	38	59	66	71	74	70	63	52
80-4-4	57	78	85	90	93	89	82	71	80-4-4	54	75	82	87	90	86	79	68
80-4-5.5	58	79	86	91	94	90	83	72	80-4-5.5	55	76	83	88	91	87	80	69
80-6-1.5	46	67	74	79	82	78	71	60	80-6-1.5	44	65	72	77	80	76	69	58
80-6-2	47	68	75	80	83	79	72	61	80-6-2	45	66	73	78	81	77	70	59
80-6-3	48	69	76	81	84	80	73	62	80-6-3	46	67	74	79	82	78	71	60
80-8-1	45	66	73	78	81	77	70	59	80-8-1	44	65	72	77	80	76	69	58
80-8-4	42	63	70	75	78	74	67	56	80-8-4	39	60	67	72	75	71	64	53
80-8-5.5	43	64	71	76	79	75	68	57	80-8-5.5	40	61	68	73	76	72	65	54
90-4-5.5	63	84	91	96	99	95	88	77	90-4-5.5	60	81	88	93	96	92	85	74
90-4-7.5	65	86	93	98	101	97	90	79	90-4-7.5	62	83	90	95	98	94	87	76
90-4-9	66	87	94	99	102	98	91	80	90-4-9	63	84	91	96	99	95	88	77
90-4-10	66	87	94	99	102	98	91	80	90-4-10	63	84	91	96	99	95	88	77
90-6-3	52	73	80	85	88	84	77	66	90-6-3	50	71	78	83	86	82	75	64
90-6-4	53	74	81	86	89	85	78	67	90-6-4	51	72	79	84	87	83	76	65
90-8-1	45	66	73	78	81	77	70	59	90-8-1	44	65	72	77	80	76	69	58
90-8-2	47	68	75	80	83	79	72	61	90-8-2	46	67	74	79	82	78	71	60
90-8-5.5	48	69	76	81	84	80	73	62	90-8-5.5	45	66	73	78	81	77	70	59
90-8-7.5	50	71	78	83	86	82	75	64	90-8-7.5	47	68	75	80	83	79	72	61
90-8-9	51	72	79	84	87	83	76	65	90-8-9	48	69	76	81	84	80	73	62
90-12-3	37	58	65	70	73	69	62	51	90-12-3	35	56	63	68	71	67	60	49
90-12-4	38	59	66	71	74	70	63	52	90-12-4	36	57	64	69	72	68	61	50
100-4-7.5	68	89	96	101	104	100	93	82	100-4-7.5	65	86	93	98	101	97	90	79
100-4-9	68	89	96	101	104	100	93	82	100-4-9	65	86	93	98	101	97	90	79
100-4-10	69	90	97	102	105	101	94	83	100-4-10	66	87	94	99	102	98	91	80
100-4-14	69	90	97	102	105	101	94	83	100-4-14	66	87	94	99	102	98	91	80
100-4-15	70	91	98	103	106	102	95	84	100-4-15	67	88	95	100	103	99	92	81
100-6-3	58	79	86	91	94	90	83	72	100-6-3	56	77	84	89	92	88	81	70
100-6-4	59	80	87	92	95	91	84	73	100-6-4	57	78	85	90	93	89	82	71
100-6-5.5	60	81	88	93	96	92	85	74	100-6-5.5	58	79	86	91	94	90	83	72
100-8-3	53	74	81	86	89	85	78	67	100-8-3	52	73	80	85	88	84	77	66
100-8-4	54	75	82	87	90	86	79	68	100-8-4	53	74	81	86	89	85	78	67
100-8-7.5	53	74	81	86	89	85	78	67	100-8-7.5	50	71	78	83	86	82	75	64
100-8-9	53	74	81	86	89	85	78	67	100-8-9	50	71	78	83	86	82	75	64
100-8-14	54	75	82	87	90	86	79	68	100-8-14	51	72	79	84	87	83	76	65
100-12-3	43	64	71	76	79	75	68	57	100-12-3	41	62	69	74	77	73	66	55
100-12-4	44	65	72	77	80	76	69	58	100-12-4	42	63	70	75	78	74	67	56
100-12-5.5	45	66	73	78	81	77	70	59	100-12-5.5	43	64	71	76	79	75	68	57
125-4T/3-10	66	73	84	94	95	90	82	78	125-4T/3-10	63	70	81	91	92	87	79	75
125-4T/3-15	67	74	85	95	96	91	83	79	125-4T/3-15	64	71	82	92	93	88	80	76
125-4T/3-20	69	76	87	97	98	93	85	81	125-4T/3-20	66	73	84	94	95	90	82	78
125-4T/6-15	63	72	87	94	97	91	85	81	125-4T/6-15	60	69	84	91	94	88	82	78
125-4T/6-20	63	72	87	94	97	91	85	81	125-4T/6-20	60	69	84	91	94	88	82	78
125-4T/9-20	62	71	87	93	95	89	84	80	125-4T/9-20	59	68	84	90	92	86	81	77
125-6T/6-5.5	56	66	78	81	83	79	68	64	125-6T/6-5.5	54	64	76	79	81	77	66	62
125-6T/6-7.5	56	66	78	81	83	79	68	64	125-6T/6-7.5	54	64	76	79	81	77	66	62
125-6T/6-10	58	68	80	83	85	81	70	66	125-6T/6-10	56	66	78	81	83	79	68	64
125-6T/6-15	60	70	82	85	87	83	72	68	125-6T/6-15	58	68	80	83	85	81	70	66
125-6T/9-7.5	54	65	79	83	83	81	70	66	125-6T/9-7.5	52	63	77	81	81	79	68	64
125-6T/9-10	54	65	79	83	83	81	70	66	125-6T/9-10	52	63	77	81	81	79	68	64
125-6T/9-15	57	68	82	86	86	84	73	69	125-6T/9-15	55	66	80	84	84	82	71	67
125-6T/9-20	60	71	85	89	89	87	76	72	125-6T/9-20	58	69	83	87	87	85	74	70
125-8T/6-4	50	59	70	75	75	69	58	54	125-8T/6-4	49	58	69	74	74	68	57	53
125-8T/6-5.5	52	61	72	77	77	71	60	56	125-8T/6-5.5	51	60	71	76	76	70	59	55
125-8T/6-7.5	54	63	74	79	79	73	62	58	125-8T/6-7.5	53	62	73	78	78	72	61	57
125-8T/6-10	55	64	75	80	80	74	63	59	125-8T/6-10	54	63	74	79	79	73	62	58
125-8T/9-5.5	49	61	70	76	78	72	61	57	125-8T/9-5.5	48	60	69	75	77	71	60	56
125-8T/9-7.5	52	64	73	79	81	75	64	60	125-8T/9-7.5	51	63	72	78	80	74	63	59
125-8T/9-10	54	66	75	81	83	77	66	62	125-8T/9-10	53	65	74	80	82	76	65	61
125-8T/9-15	55	67	76	82	84	78	67	63	125-8T/9-15	54	66	75	81	83	77	66	62



Erp. BEP (best efficiency point) characteristics

MC	Measurement category	ηe[%]	Efficiency
EC	Efficiency category	N	Efficiency grade
S	Static	[kW]	Input power
T	Total	[m³/h]	Airflow
VSD	Variable-speed drive	[mmH₂O]	Static or total pressure (According to EC)
SR	Specific ratio	[RPM]	Speed

Model	MC	EC	VSD	SR	ηe [%]	N	[kW]	[m³/h]	[mmH ₂ O]	[RPM]
HTMH-56-4T-1	C	S	NO	1.00	35.4%	42.1	0.85	7901	14.07	1418
HTMH-56-4T-1.5	B	T	NO	1.00	48.5%	54.4	1.16	11340	18.14	1414
HTMH-56-4/8T-1.5	B	T	NO	1.00	44.9%	50.5	1.33	11588	18.94	1445
HTMH-56-6T-0.75	B	T	NO	1.00	42.7%	50.8	0.52	9212	8.77	934
HTMH-63-4T-1.5	C	S	NO	1.00	48.2%	54.3	1.11	10387	18.88	1418
HTMH-63-4/8T-1.5	C	S	NO	1.00	41.3%	46.8	1.38	10605	19.68	1447
HTMH-63-4T-2	C	S	NO	1.00	42.4%	47.6	1.54	12016	20.00	1449
HTMH-63-4/8T-2	C	S	NO	1.00	37.2%	42.1	1.70	11892	19.59	1434
HTMH-63-4T-3	B	T	NO	1.00	62.4%	66.6	2.19	19423	25.86	1446
HTMH-63-4/8T-3	B	T	NO	1.00	56.0%	59.9	2.42	19373	25.73	1442
HTMH-63-6T-0.75	B	T	NO	1.00	56.1%	64.1	0.55	11393	9.86	937
HTMH-63-6T-1	B	T	NO	1.00	54.9%	61.8	0.80	13916	11.57	939
HTMH-71-4T-2	C	S	NO	1.00	48.5%	53.8	1.49	13409	19.84	1450
HTMH-71-4/8T-2	C	S	NO	1.00	42.6%	47.5	1.65	13275	19.45	1436
HTMH-71-4T-3	C	S	NO	1.00	44.7%	48.9	2.16	16356	21.67	1446
HTMH-71-4/8T-3	C	S	NO	1.00	40.1%	44.0	2.39	16314	21.56	1443
HTMH-71-4T-4	B	T	NO	1.00	68.4%	71.8	2.87	23676	30.48	1434
HTMH-71-4/8T-4	B	T	NO	1.00	61.6%	64.8	3.24	23797	30.80	1441
HTMH-71-6T-1	B	T	NO	1.00	62.4%	69.3	0.82	14945	12.60	938
HTMH-71-6T-1.5	B	T	NO	1.00	59.2%	65.1	1.15	18001	13.88	939
HTMH-80-4T-4	C	S	NO	1.00	46.9%	50.1	3.22	20108	27.62	1426
HTMH-80-4/8T-4	C	S	NO	1.00	42.3%	45.1	3.64	20222	27.93	1434
HTMH-80-4T-5.5	C	S	NO	1.00	45.5%	47.7	4.55	23694	32.11	1441
HTMH-80-4/8T-5.5	C	S	NO	1.00	43.3%	45.4	4.70	23552	31.72	1432
HTMH-80-6T-1.5	C	S	NO	1.00	38.9%	44.4	1.36	15261	12.68	928
HTMH-80-6T-2	B	T	NO	1.00	61.3%	65.9	1.85	24165	17.21	941
HTMH-80-6T-3	B	T	NO	1.00	64.9%	68.9	2.29	26615	20.53	961
HTMH-80-8T-1	B	T	NO	1.00	51.2%	57.2	1.13	18865	11.24	705
HTMH-90-4T-5.5	C	S	NO	1.00	51.0%	53.2	4.50	27512	30.65	1441
HTMH-90-4/8T-5.5	C	S	NO	1.00	48.6%	50.7	4.64	27348	30.28	1433
HTMH-90-4T-7.5	C	S	NO	1.00	47.8%	49.1	6.35	31725	35.17	1459
HTMH-90-4/8T-7.5	C	S	NO	1.00	43.0%	44.0	6.93	31525	34.73	1450
HTMH-90-4T-10 IE3	C	S	NO	1.01	46.3%	47.0	7.81	35188	37.75	1466
HTMH-90-4/8T-9	C	S	NO	1.00	43.0%	43.6	7.86	33548	36.97	1462
HTMH-90-6T-3	C	S	NO	1.00	42.8%	46.8	2.40	23147	16.33	959
HTMH-90-6/12T-3	C	S	NO	1.00	37.5%	41.2	2.64	22863	15.94	947
HTMH-90-6T-4	B	T	NO	1.00	63.7%	66.9	3.21	32972	22.77	964
HTMH-90-6/12T-4	B	T	NO	1.00	55.3%	58.1	3.70	32972	22.77	964
HTMH-90-8T-1	C	S	NO	1.00	36.4%	42.7	1.04	15838	8.76	708
HTMH-90-8T-2	B	T	NO	1.00	58.5%	63.9	1.40	24325	12.38	718
HTMH-100-4T-7.5	C	S	NO	1.00	50.5%	51.7	6.31	33024	35.42	1460
HTMH-100-4/8T-7.5	C	S	NO	1.00	45.4%	46.4	6.89	32817	34.98	1450
HTMH-100-4T-10 IE3	C	S	NO	1.00	49.0%	49.6	8.18	37734	39.02	1465
HTMH-100-4/8T-9	C	S	NO	1.00	45.8%	46.4	7.93	35548	37.50	1462
HTMH-100-4T-15 IE3	C	S	NO	1.01	44.9%	44.8	11.93	44732	43.97	1470
HTMH-100-4/8T-14	C	S	NO	1.01	39.0%	38.8	14.13	45164	44.82	1469
HTMH-100-6T-3	C	S	NO	1.00	45.4%	49.2	2.51	24808	16.87	957
HTMH-100-6/12T-3	C	S	NO	1.00	39.8%	43.3	2.75	24492	16.44	945
HTMH-100-6T-4	C	S	NO	1.00	41.1%	43.8	3.72	29458	19.07	958
HTMH-100-6/12T-4	C	S	NO	1.00	35.7%	38.0	4.29	29458	19.07	958
HTMH-100-6T-5.5	B	T	NO	1.00	61.3%	63.3	4.86	44005	24.89	959
HTMH-100-6/12T-5.5	B	T	NO	1.00	56.5%	58.2	5.44	44437	25.38	968
HTMH-100-8T-3	B	T	NO	1.00	52.5%	56.2	2.67	33957	15.20	709
HTMH-100-8T-4	B	T	NO	1.00	54.2%	57.8	2.77	41581	13.28	718
HTMH-125-4T/3-10 IE3	C	S	NO	1.00	52.3%	53.2	7.59	41511	35.13	1468
HTMH-125-4T/3-15 IE3	C	S	NO	1.01	56.1%	56.0	11.80	57655	42.19	1471

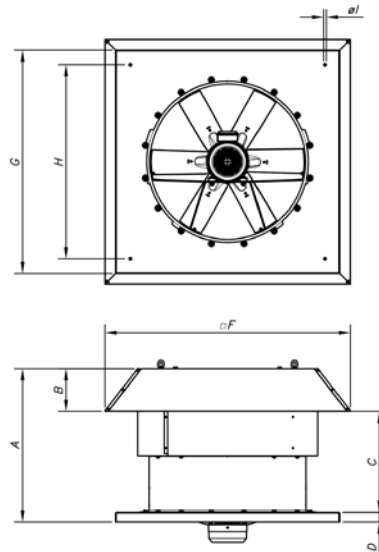


Erp. BEP (best efficiency point) characteristics

Model	MC	EC	VSD	SR	η_e [%]	N	[kW]	[m ³ /h]	[mmH ₂ O]	[RPM]
HTMH-125-4T/3-20 IE3	C	S	NO	1.01	55.2%	54.9	15.29	67316	46.06	1472
HTMH-125-4T/6-15 IE3	C	S	NO	1.01	57.8%	57.8	11.81	48508	51.71	1471
HTMH-125-4T/6-20 IE3	C	S	NO	1.01	56.9%	56.7	14.20	52757	56.25	1474
HTMH-125-4T/9-20 IE3	C	S	NO	1.01	70.4%	70.1	17.44	37304	120.90	1474
HTMH-125-6T/6-5.5	C	S	NO	1.00	53.1%	55.5	4.28	34565	24.14	972
HTMH-125-6T/6-7.5	C	S	NO	1.00	54.7%	56.3	5.53	41832	26.55	974
HTMH-125-6T/6-10 IE3	C	S	NO	1.00	55.2%	55.9	7.84	53067	29.95	972
HTMH-125-6T/6-15 IE3	C	S	NO	1.00	51.2%	51.2	11.09	61349	34.01	972
HTMH-125-6T/9-7.5	C	S	NO	1.00	57.2%	58.8	5.67	36967	32.26	973
HTMH-125-6T/9-10 IE3	C	S	NO	1.00	55.1%	56.2	6.74	48390	28.19	976
HTMH-125-6T/9-15 IE3	C	S	NO	1.00	50.9%	50.9	11.00	61885	33.25	973
HTMH-125-6T/9-20 IE3	C	S	NO	1.01	49.7%	49.5	15.00	69606	39.35	968
HTMH-125-8T/6-4	C	S	NO	1.00	47.4%	50.3	3.53	38680	15.89	709
HTMH-125-8T/6-5.5	C	S	NO	1.00	46.8%	49.1	4.42	42659	17.80	715
HTMH-125-8T/6-7.5	C	S	NO	1.00	45.5%	47.0	5.87	50667	19.37	727
HTMH-125-8T/6-10	B	T	NO	1.00	65.4%	66.1	7.79	65294	28.66	727
HTMH-125-8T/9-5.5	C	S	NO	1.00	44.6%	46.7	4.79	43462	18.07	712
HTMH-125-8T/9-7.5	C	S	NO	1.00	46.5%	48.0	5.75	48507	20.26	728
HTMH-125-8T/9-10	C	S	NO	1.00	45.9%	46.7	7.65	55731	23.16	728
HTMH-125-8T/9-15	B	T	NO	1.00	67.6%	67.6	10.90	72088	37.51	728

Best efficiency point data for the internal fan

Dimensions in mm

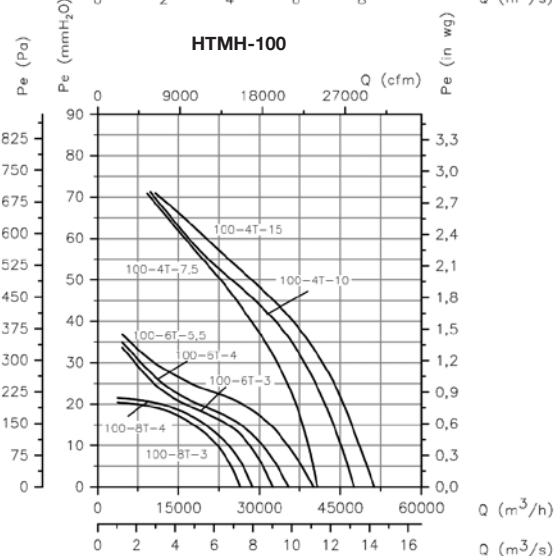
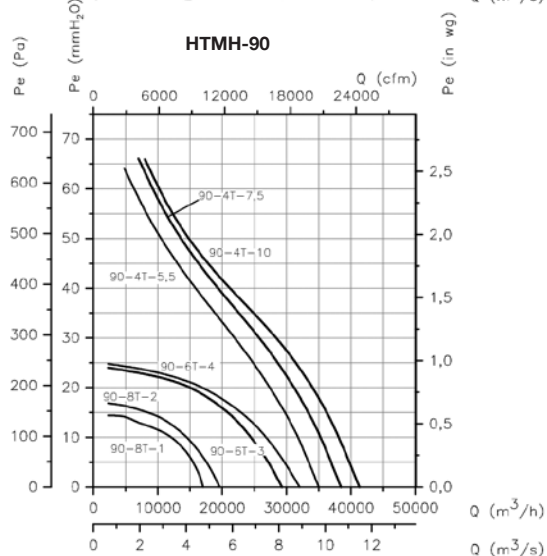
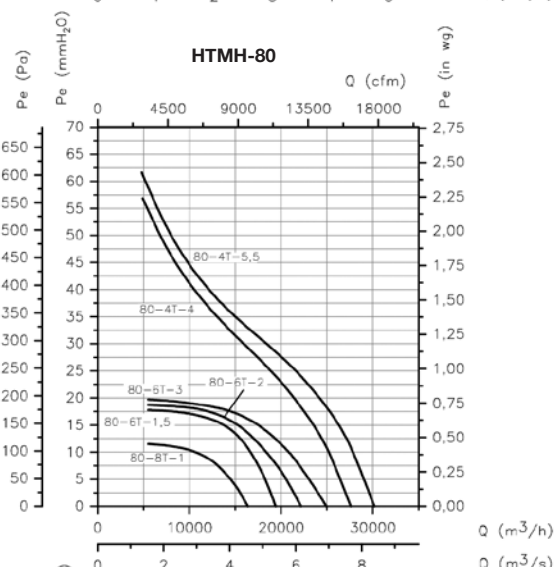
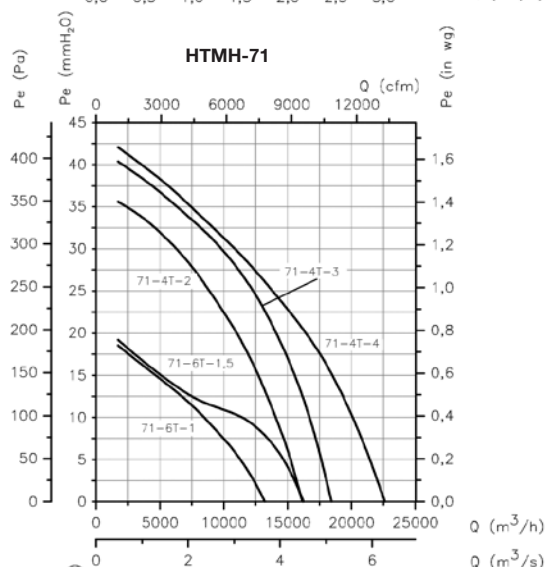
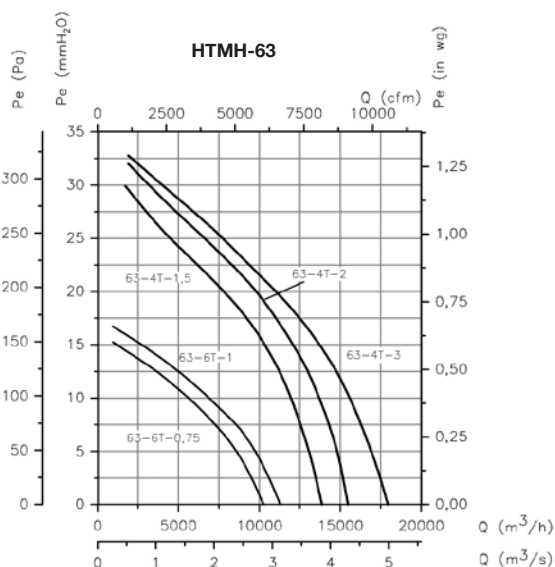
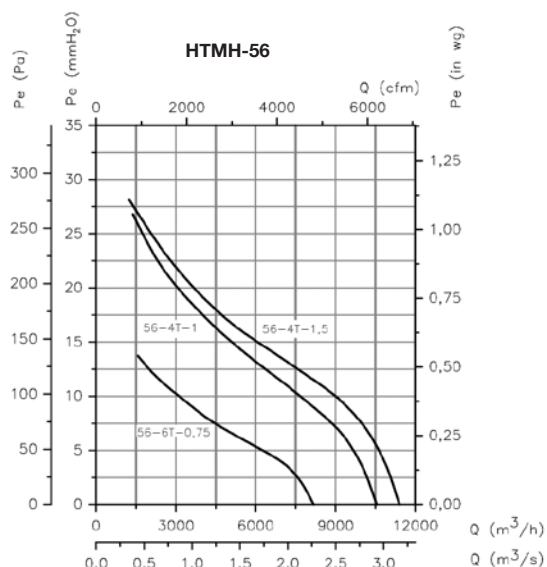


Model	A	B	C	D	F	G	H	I
HTMH-56	650	185	465	40	960	900	750	14
HTMH-63	680	215	465	40	1092	1000	850	14
HTMH-71	760	195	565	40	1120	1000	850	14
HTMH-80	790	215	575	50	1252	1150	1000	14
HTMH-90	910	232	678	50	1380	1150	1000	14
HTMH-100	1055	252	803	50	1527	1250	1100	14
HTMH-125	1170	310	859	50	1802	1600	1450	17

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

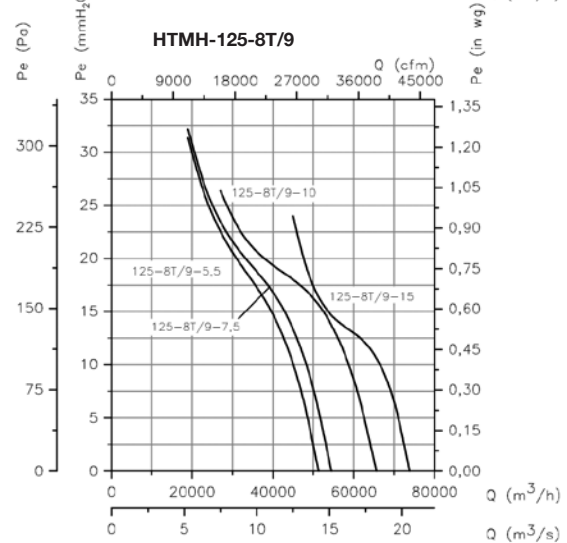
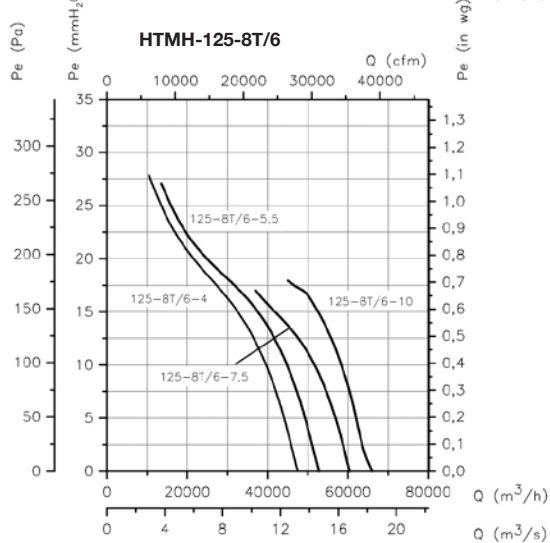
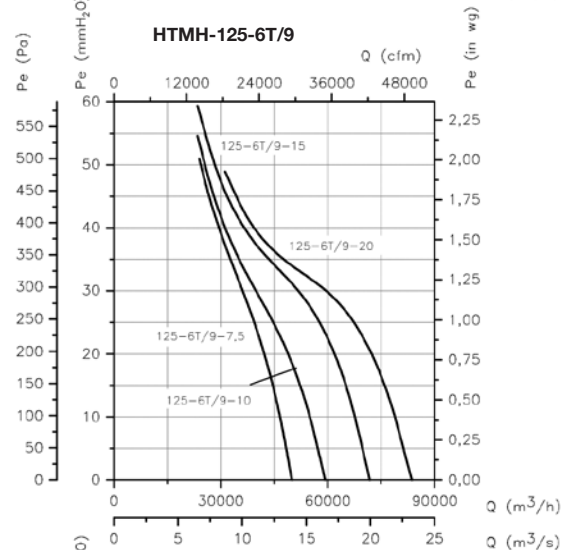
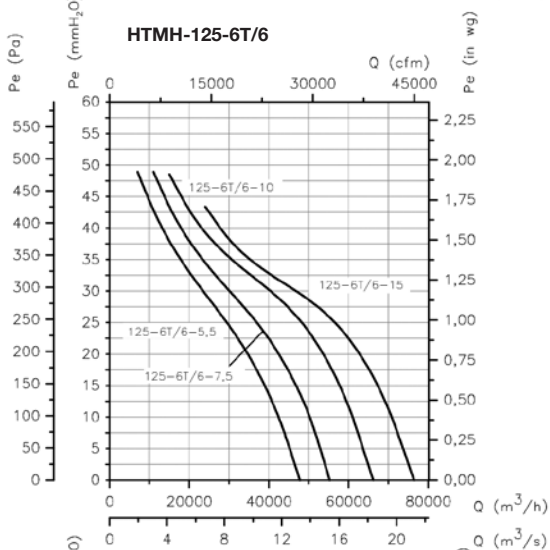
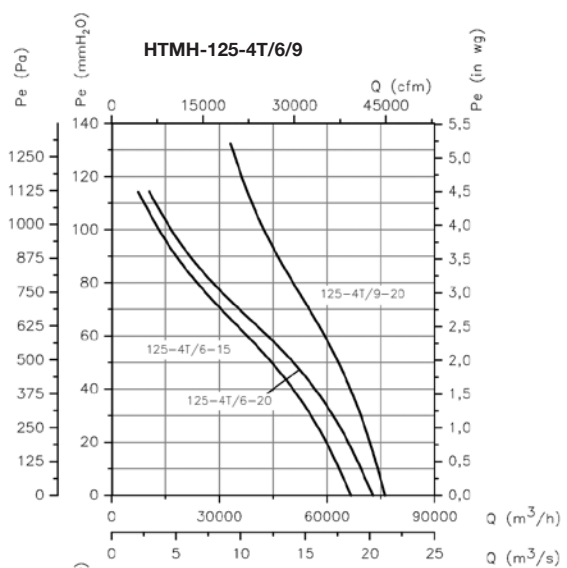
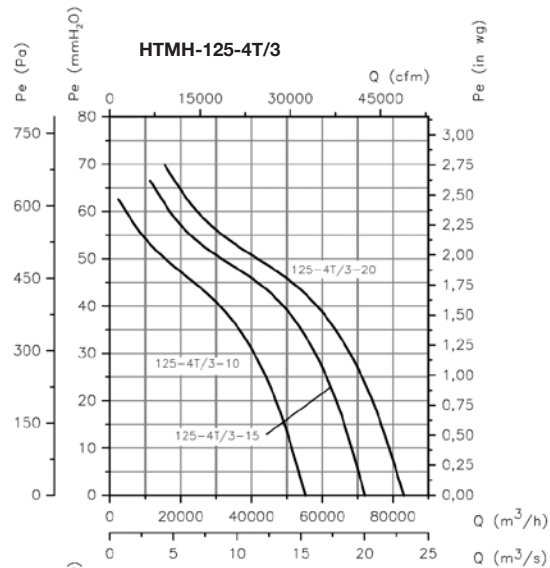
Pe = Static pressure in mmH₂O, Pa and inwg.



Characteristic curves

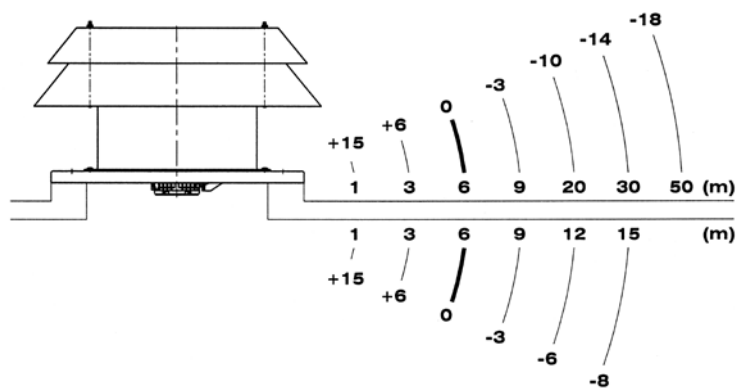
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mmH₂O, Pa and inwg.



Validation of the sound pressure according to distance

The sound level may vary depending on the roof structure.



Accessories

See accessories section

