HCH
HCT

HCH

HCT

Robust wall-mounted axial or long-cased fans

Robust wall-mounted axial or long-cased fans, PL version supplied with plastic impeller and AL version supplied with aluminium impeller

Fan:
- Airflow direction from motor to impeller
- PL version impellers in polyamide 6 reinforced with fibreglass and AL version in cast aluminium. HCT-40-2T and HCT-45-2T models only in AL version
- HCH: Support ring in sheet steel
- HCT: Sheet steel long casing with external terminal board

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 motors for capacities equal to or over 7.5kW, except single-phase, 2 speed and 8 pole motors.
- Class F motors, with ball bearings and IP55 protection, except single-phase versions from size 45 to size 56, IP54 protection One-or two-speed depending on the model
- Single-phase 230V-50Hz and three-phase 230/400V-50Hz (up to 4kW) and 400/690V-50Hz (power over 4kW)
- Fan working temperature: -25ºC + 50ºC

Finish:
- Anticorrosive finish in polyester resin polymerised at 190ºC, after alkaline degreasing with phosphate-free nanotechnology treatment.

On request:
- IE2 and IE3 efficiency motors for any power.
- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certification, Category 2

Order code

HCH — 40 — 2T — 1.5 — PL — PV

- **HCH**: HCH: Robust wall-mounted axial fans; HCT: Robust long-cased axial fans
- **40**: Impeller diameter in cm.
- **2T**: Number of motor poles; 2=2900 r/min. 50 Hz; 4=1400 r/min. 50 Hz; 6=900 r/min. 50 Hz; 8=750 r/min. 50 Hz; 12=500 r/min. 50 Hz
- **T**: T=Three-phase; M=Single-phase
- **1.5**: Motor power (HP)
- **PL**: PL=Plastic impeller; AL=Aluminium impeller
- **PV**: PV=Distributor

Technical characteristics

Model			Speed (r/min)	Maximum admissible current (A) 230V	400V	690V	Installed capacity (kW)	Maximum airflow (m^3/h)	Sound pressure level dB(A)	Approx. weight (Kg) HCH	HCT
	HCT	25-2T	2670	0.64	0.37		0.09	1950	64		7
	HCT	25-2M	2760	0.79			0.09	1950	64		7
	HCT	25-4T	1320	0.65	0.38		0.09	1000	50		7
	HCT	25-4M	1380	0.65			0.10	1000	50		7
	HCT	31-2T	2750	1.21	0.70		0.18	2900	70		8
	HCT	31-2M	2780	1.42			0.18	2900	70		8
	HCT	31-4T	1320	0.65	0.38		0.09	1550	52		8
	HCT	31-4M	1380	0.65			0.10	1550	52		8
HCH	HCT	35-2T	2710	1.92	1.11		0.37	5750	77	9	12
	HCT	35-2M	2780	2.53			0.37	5750	77		12
HCH	HCT	35-4T	1320	0.65	0.38		0.09	3100	59	7	10
	HCT	35-4M	1380	0.65			0.10	3100	59		10
HCH	HCT	40-2T-1.5	2860	4.20	2.40		1.10	8800	84	17	25
HCH	HCT	40-4T-0.33	1350	1.66	0.96		0.25	5150	64	13	21
	HCT	45-2T-2	2770	5.44	3.13		1.50	10650	86		31
	HCT	45-2T-3	2885	7.77	4.47		2.20	12750	88		34
	HCT	45-2/4T-3	2910 / 1420		5.00 / 1.60		2.20 / 0.60	12750/6375	88/73		33
HCH	HCT	45-4T-0.5	1370	2.02	1.17		0.37	7100	68	15	24
HCH	HCT	45-4M-0.5	1400	2.76			0.37	7100	68	15	24
HCH		45-6T-0.33	900	1.51	0.87		0.25	4750	55	14	
HCH		45-6M-0.33	950	1.30			0.25	4750	55	15	

Technical characteristics

Model			Speed	Maximum admissible current (A)			Installed capacity	Maximum airflow	Sound pressure level	Approx. weight (Kg)	
			(r/min)	230V	400V	690V	(kW)	(m³/h)	dB(A)	HCH	HCT
	HCT	50-4T-0.75	1380	2.92	1.69		0.55	10400	70		28
HCH	HCT	56-4T-0.75	1380	2.92	1.69		0.55	11050	72	21	33
HCH	HCT	56-4M-0.75	1450	4.40			0.55	11050	72	21	33
HCH	HCT	56-4T-1	1410	3.10	1.79		0.75	12950	73	22	34
HCH	HCT	56-4/8T-1	1430 / 710		2.00 / 0.90		0.75 / 0.20	12950/6475	73/58	23	35
HCH	HCT	56-4T-1.5	1400	4.03	2.32		1.10	14000	74	26	37
HCH	HCT	56-4/8T-1.5	1440 / 710		2.90 / 1.30		1.10 / 0.25	14000/7000	74/59	24	35
HCH	HCT	56-4T-2	1430	5.96	3.44		1.50	15300	75	28	39
HCH	HCT	56-4/8T-2	1420 / 700		3.50 / 1.50		1.50 / 0.37	15300/7650	75/60	28	39
HCH	HCT	56-6T-0.33	900	1.51	0.87		0.25	8500	61	18	30
HCH	HCT	56-6M-0.33	950	1.85			0.25	8400	61	19	31
HCH	HCT	56-6T-0.5	900	2.24	1.30		0.37	9300	61	20	32
HCH	HCT	56-6T-0.75	900	2.99	1.73		0.55	10000	62	22	34
HCH	HCT	63-4T-1	1410	3.10	1.79		0.75	14150	73	27	42
HCH	HCT	63-4/8T-1	1430 / 710		2.00 / 0.90		0.75 / 0.20	14150/7075	73/58	27	43
HCH	HCT	63-4T-1.5	1400	4.03	2.32		1.10	17000	74	30	45
HCH	HCT	63-4/8T-1.5	1440 / 710		2.90 / 1.30		1.10 / 0.25	17000/8500	74/59	29	44
HCH	HCT	63-4T-2	1430	5.96	3.44		1.50	18900	75	33	48
HCH	HCT	63-4/8T-2	1420 / 700		3.50 / 1.50		1.50 / 0.37	18900/9450	75/60	32	48
HCH	HCT	63-4T-3	1445	8.36	4.83		2.20	22100	76	41	57
HCH	HCT	63-4/8T-3	1430 / 710		4.90 / 1.70		2.20 / 0.45	22100/11050	76/61	38	54
HCH	HCT	63-4T-4	1445	10.96	6.33		3.00	25400	77	43	59
HCH	HCT	63-4/8T-4	1430 / 710		6.50 / 2.30		3.00 / 0.60	25400/12700	77/62	42	57
HCH	HCT	63-6T-0.5	900	2.24	1.30		0.37	12150	64	25	40
HCH	HCT	63-6M-0.5	900	2.69			0.37	12150	64	25	40
HCH	HCT	63-6T-0.75	900	2.99	1.73		0.55	12750	65	27	42
HCH	HCT	63-6T-1	945	3.90	2.20		0.75	13800	66	33	48
HCH	HCT	63-6/12T-1	935 / 435		2.20 / 0.87		0.75 / 0.15	13800/6900	66/51	32	47
HCH	HCT	71-4T-1.5	1400	4.03	2.32		1.10	19750	78	33	52
HCH	HCT	71-4/8T-1.5	1440 / 710		2.90 / 1.30		1.10 / 0.25	19600/9800	78/63	32	51
HCH	HCT	71-4T-2	1430	5.96	3.44		1.50	21100	79	36	55
HCH	HCT	71-4/8T-2	1420 / 700		3.50 / 1.50		1.50 / 0.37	21100/10550	79/64	35	54
HCH	HCT	71-4T-3	1445	8.36	4.83		2.20	23950	81	45	64
HCH	HCT	71-4/8T-3	1430 / 710		4.90 / 1.70		2.20 / 0.45	24150/12075	81/66	42	61
HCH	HCT	71-4T-4	1445	10.96	6.33		3.00	29400	82	47	66
HCH	HCT	71-4/8T-4	1430 / 710		6.50 / 2.30		3.00 / 0.60	29550/14775	82/67	46	64
HCH	HCT	71-6T-0.75	900	2.99	1.73		0.55	15150	67	29	49
HCH	HCT	71-6M-0.75	900	3.84			0.55	15150	67	29	49
HCH	HCT	71-6T-1	945	3.90	2.20		0.75	17250	68	36	55
HCH	HCT	71-6/12T-1	935 / 435		2.20 / 0.87		0.75 / 0.15	17150/8575	68/53	35	54
HCH	HCT	71-6T-1.5	945	4.88	2.82		1.10	20950	69	38	57
HCH	HCT	71-6/12T-1.5	950 / 470		3.00 / 1.15		1.10 / 0.18	20950/10475	69/54	37	56
HCH	HCT	80-4T-3	1445	8.36	4.83		2.20	28000	82	53	72
HCH	HCT	80-4/8T-3	1430 / 710		4.90 / 1.70		2.20 / 0.45	28000/14000	82/67	50	69
HCH	HCT	80-4T-4	1445	10.96	6.33		3.00	32700	83	55	74
HCH	HCT	80-4/8T-4	1430 / 710		6.50 / 2.30		3.00 / 0.60	32700/16350	83/68	54	73
HCH	HCT	80-4T-5.5	1440	14.10	8.12		4.00	37200	84	60	79
HCH	HCT	80-4/8T-5.5	1430 / 710		8.20 / 2.90		4.00 / 0.80	37200/18600	84/69	66	85
HCH	HCT	80-6T-1	945	3.90	2.20		0.75	20600	71	44	64
HCH	HCT	80-6/12T-1	935 / 435		2.20 / 0.87		0.75 / 0.15	20600/10300	71/56	43	63
HCH	HCT	80-6T-1.5	945	4.88	2.82		1.10	24250	72	46	66
HCH	HCT	80-6/12T-1.5	950 / 470		3.00 / 1.15		1.10 / 0.18	24250/12125	72/57	45	65
HCH	HCT	80-6T-2	955	6.42	3.71		1.50	28000	73	52	71
HCH	HCT	80-6/12T-2	970 / 470		4.60 / 1.90		1.50 / 0.25	28000/14000	73/58	62	81
HCH	HCT	80-6T-3	955	9.30	5.30		2.20	32500	74	57	76
HCH	HCT	80-6/12T-3	940 / 470		5.60 / 2.20		2.20 / 0.37	32500/16250	74/59	62	81
HCH	HCT	80-8T-0.5	700	2.77	1.60		0.37	16600	69	43	63
HCH	HCT	80-8T-0.75	695	3.53	2.04		0.55	19600	70	45	65
HCH	HCT	80-8T-1	705	4.68	2.70		0.75	22150	71	50	69
HCH	HCT	90-4T-4	1445	10.96	6.33		3.00	37750	87	62	90
HCH	HCT	90-4/8T-4	1430 / 710		6.50 / 2.30		3.00 / 0.60	37750/18875	87/72	61	88
HCH	HCT	90-4T-5.5	1440	14.10	8.12		4.00	41850	89	67	95

Technical characteristics

Model			Speed	Maximum admissible current (A)			Installed capacity	Maximum airflow	Sound pressure level	Approx. weight (Kg)	
			(r/min)	230V	400V	690V	(kW)	(m^3/h)	dB(A)	HCH	HCT
HCH	HCT	90-4/8T-5.5	1430 / 710		8.20 / 2.90		4.00 / 0.80	41850/20925	89/74	73	101
HCH	HCT	90-4T-7.5	1440		11.60	6.72	5.50	47000	91	83	109
HCH	HCT	90-4/8T-7.5	1450 / 720		11.80 / 3.80		5.50 / 1.10	47000/23500	91/76	93	119
HCH	HCT	90-4T-10 IE3	1465		13.90	8.06	7.50	53000	92	110	136
HCH	HCT	90-4/8T-10	1460 / 725		15.30 / 5.40		7.50 / 1.50	53000/26500	92/77	98	124
HCH	HCT	90-6T-2	955	6.42	3.71		1.50	30000	77	59	87
HCH	HCT	90-6/12T-2	970 / 470		4.60 / 1.90		1.50 / 0.25	30000/15000	77/62	69	97
HCH	HCT	90-6T-3	955	9.30	5.30		2.20	35000	78	64	92
HCH	HCT	90-6/12T-3	940 / 470		5.60 / 2.20		2.20 / 0.37	35000/17500	78/63	69	97
HCH	HCT	90-6T-4	960	12.70	7.30		3.00	40000	79	88	114
HCH	HCT	90-6/12T-4	960 / 480		9.00 / 3.50		3.00 / 0.55	40000/20000	79/64	87	113
HCH	HCT	90-8T-1	705	4.68	2.70		0.75	22400	71	57	85
HCH	HCT	90-8T-1.5	705	5.63	3.25		1.10	24150	72	60	88
HCH	HCT	90-8T-2	705	7.10	4.10		1.50	26300	73	71	99
HCH	HCT	90-8T-3	705	9.53	5.50		2.20	30150	74	98	124
HCH	HCT	100-4T-7.5	1440		11.60	6.72	5.50	52500	92	91	121
HCH	HCT	100-4/8T-7.5	1450 / 720		11.80 / 3.80		5.50 / 1.10	52500/26250	92/77	101	128
HCH	HCT	100-4T-10 IE3	1465		13.90	8.06	7.50	58500	93	118	147
HCH	HCT	100-4/8T-10	1460 / 725		15.30 / 5.40		7.50 / 1.50	58500/29250	93/78	106	135
HCH	HCT	100-4T-15 IE3	1470		20.90	12.10	11.00	68000	94	150	185
HCH	HCT	100-4/8T-15	1470 / 725		23.20 / 8.70		11.00 / 2.80	68000/34000	94/79	125	160
HCH	HCT	100-4T-20 IE3	1465		27.90	16.20	15.00	71850	95	161	196
HCH	HCT	100-4/8T-20	1460 / 725		31.72 / 11.75		15.00 / 3.80	72450/36225	95/80	140	175
HCH	HCT	100-6T-3	955	9.30	5.30		2.20	40500	82	72	103
HCH	HCT	100-6/12T-3	940 / 470		5.60 / 2.20		2.20 / 0.37	40500/20250	82/67	77	108
HCH	HCT	100-6T-4	960	12.70	7.30		3.00	46950	83	96	125
HCH	HCT	100-6/12T-4	960 / 480		9.00 / 3.50		3.00 / 0.55	46950/23475	83/68	95	124
HCH	HCT	100-6T-5.5	960	16.50	9.46		4.00	52000	84	104	133
HCH	HCT	100-6/12T-5.5	970 / 480		4.00 / 11.00		4.00 / 0.65	52000/26000	84/69	100	129
HCH	HCT	100-8T-1.5	705	5.63	3.25		1.10	32500	76	67	99
HCH	HCT	100-8T-2	705	7.10	4.10		1.50	33850	77	79	110
HCH	HCT	100-8T-3	705	9.53	5.50		2.20	35150	77	106	135
HCH	HCT	100-8T-4	705	12.82	7.40		3.00	37800	78	114	143

Erp. BEP (best efficiency point) characteristics

MC Measurement category
EC Efficiency category
S Static
T Total
VSD Variable-speed drive
SR Specific relationship

ηe[%] Efficiency
N Degree of efficiency
[kW] Electrical power
[m^3/h] Airflow
[mmH_2O] Static or total pressure (According to EC)
[RPM] Speed

Model	MC	EC	VSD	SR	ηe [%]	N	[kW]	[m3/h]	[mmH_2O]	[RPM]
25-2T	A	S	NO	1.00	28.6%	40.2	0.149	1196	13.07	2689
25-4M	-	-	-	-	-	-	0.102	566	3.59	1386
25-4T	-	-	-	-	-	-	0.099	586	3.45	1358
31-2T	A	S	NO	1.00	30.3%	40.5	0.242	1708	15.79	2782
31-4M	-	-	-	-	-	-	0.111	1004	4.09	1418
31-4T	-	-	-	-	-	-	0.103	1013	4.06	1397
35-2M	A	S	NO	1.00	36.5%	44.6	0.524	2983	23.52	2791
35-2T	A	S	NO	1.00	37.1%	45.2	0.515	2998	23.40	2737
35-4M	A	S	NO	1.00	28.0%	40.0	0.126	1851	6.96	1422
35-4T	-	-	-	-	-	-	0.125	1857	6.94	1375
40-2T-1.5	A	S	NO	1.00	33.9%	40.2	1.029	4386	29.24	2896
40-4T-0.33	A	S	NO	1.00	32.0%	41.7	0.289	3401	10.00	1396
45-2T-2	A	S	NO	1.00	36.9%	42.0	1.573	5401	39.47	2805
45-2T-3	A	S	NO	1.00	38.7%	43.1	2.047	8183	35.55	2910
45-2/4T-3	A	S	NO	1.00	37.7%	42.0	2.110	8454	34.61	2934
45-4T-0.5	A	S	NO	1.00	33.4%	41.8	0.475	4228	13.80	1392
45-4M-0.5	A	S	NO	1.00	32.3%	40.5	0.494	4257	13.73	1417

Erp. BEP (best efficiency point) characteristics

Model	MC	EC	VSD	SR	ηe [%]	N	[kW]	[m3/h]	[mmH$_2$O]	[RPM]
50-4T-0.75	B	T	NO	1.00	53.4%	60.6	0.733	9635	14.91	1395
56-4T-0.75	A	S	NO	1.00	33.2%	40.6	0.660	6808	11.81	1405
56-4M-0.75	A	S	NO	1.00	32.7%	40.1	0.669	6622	12.13	1422
56-4T-1	B	T	NO	1.00	66.7%	74.0	0.700	12713	13.47	1433
56-4/8T-1	B	T	NO	1.00	57.5%	64.4	0.812	12700	13.49	1448
56-4T-1.5	B	T	NO	1.00	64.4%	70.8	0.982	12951	17.91	1427
56-4/8T-1.5	B	T	NO	1.00	55.0%	60.9	1.151	12900	18.00	1456
56-6T-0.33	A	S	NO	1.00	31.4%	41.7	0.237	3564	7.69	919
63-4T-1	C	S	NO	1.00	45.0%	52.0	0.794	8989	14.61	1424
63-4/8T-1	C	S	NO	1.00	38.2%	44.7	0.938	8924	14.74	1440
63-4T-1.5	C	S	NO	1.00	45.3%	51.1	1.179	10593	18.50	1412
63-4/8T-1.5	C	S	NO	1.00	41.4%	47.1	1.286	10448	18.74	1451
63-4T-2	C	S	NO	1.00	44.6%	49.8	1.493	11688	20.93	1442
63-4/8T-2	C	S	NO	1.00	38.4%	43.2	1.734	11566	21.13	1433
63-4T-3	B	T	NO	1.00	70.7%	75.1	2.040	20222	26.19	1457
63-4/8T-3	B	T	NO	1.00	63.2%	67.2	2.285	20235	26.17	1445
63-4T-4	B	T	NO	1.00	65.4%	68.4	3.388	23305	34.90	1447
63-4/8T-4	B	T	NO	1.00	59.3%	62.1	3.735	23310	34.89	1432
63-6T-0.5	C	S	NO	1.00	32.7%	41.1	0.474	6417	8.88	921
63-6M-0.5	C	S	NO	1.00	32.2%	40.6	0.482	6339	8.99	915
63-6T-0.75	C	S	NO	1.00	32.6%	40.6	0.547	6936	9.46	933
71-4T-1.5	C	S	NO	1.00	53.4%	59.2	1.217	11355	21.04	1409
71-4/8T-1.5	C	S	NO	1.00	45.1%	50.4	1.411	11393	20.50	1446
71-4T-2	C	S	NO	1.00	50.1%	55.3	1.508	13256	20.95	1442
71-4/8T-2	C	S	NO	1.00	43.7%	48.5	1.731	13141	21.15	1433
71-4T-3	C	S	NO	1.00	45.6%	49.8	2.216	14513	25.59	1453
71-4/8T-3	C	S	NO	1.00	41.7%	45.6	2.478	14275	26.60	1441
71-4T-4	C	S	NO	1.00	38.4%	41.3	3.404	18556	25.85	1447
71-4/8T-4	C	S	NO	1.00	37.5%	40.4	3.534	18165	26.80	1436
71-6T-0.75	C	S	NO	1.00	35.7%	43.0	0.710	8036	11.60	913
71-6M-0.75	C	S	NO	1.00	33.6%	40.7	0.755	7945	11.73	908
71-6T-1	C	S	NO	1.00	35.3%	42.3	0.796	8550	12.07	956
71-6/12T-1	C	S	NO	1.00	33.6%	40.5	0.829	8626	11.87	952
71-6T-1.5	C	S	NO	1.00	37.6%	43.6	1.123	12806	12.11	956
71-6/12T-1.5	C	S	NO	1.00	34.3%	40.1	1.231	12800	12.12	1063
80-4T-3	C	S	NO	1.00	56.7%	60.7	2.309	16178	29.73	1451
80-4/8T-3	C	S	NO	1.00	50.1%	53.8	2.621	15754	30.61	1437
80-4T-4	C	S	NO	1.00	54.0%	57.1	3.246	19442	33.11	1449
80-4/8T-4	C	S	NO	1.00	50.1%	53.0	3.496	19059	33.78	1437
80-4T-5.5	C	S	NO	1.00	51.4%	53.8	4.207	20980	37.85	1445
80-4/8T-5.5	C	S	NO	1.00	50.0%	52.3	4.324	20666	38.41	1437
80-6T-1	C	S	NO	1.00	48.0%	54.5	0.939	12168	13.62	948
80-6/12T-1	C	S	NO	1.00	43.1%	49.3	1.043	12343	13.38	939
80-6T-1.5	C	S	NO	1.00	46.7%	52.1	1.380	15312	15.45	946
80-6/12T-1.5	C	S	NO	1.00	43.1%	48.4	1.492	15127	15.63	952
80-6T-2	C	S	NO	1.00	42.2%	46.8	1.845	17013	16.79	956
80-6/12T-2	C	S	NO	1.00	39.2%	43.7	1.979	16702	17.06	971
80-6T-3	B	T	NO	1.00	69.0%	72.7	2.607	30267	21.81	956
80-6/12T-3	B	T	NO	1.00	62.2%	65.7	2.890	30286	21.80	942
80-8T-0.5	C	S	NO	1.00	36.0%	43.8	0.584	10464	7.37	701
80-8T-0.75	C	S	NO	1.00	33.9%	40.7	0.830	12481	8.28	696
80-8T-1	C	S	NO	1.00	35.4%	41.6	1.070	14234	9.79	707
90-4T-4	C	S	NO	1.00	58.1%	61.1	3.362	20308	35.36	1447
90-4/8T-4	C	S	NO	1.00	53.2%	55.9	3.681	20152	35.69	1433
90-4T-5.5	C	S	NO	1.00	56.2%	58.5	4.306	24635	36.06	1444
90-4/8T-5.5	C	S	NO	1.00	53.9%	56.1	4.487	24524	36.24	1435
90-4T-7.5	C	S	NO	1.01	53.2%	54.6	6.004	26945	43.56	1442
90-4/8T-7.5	C	S	NO	1.01	47.6%	48.7	6.705	26824	43.74	1452
90-4T-10 IE3	C	S	NO	1.01	51.3%	52.0	7.716	33102	43.89	1467
90-4/8T-10	C	S	NO	1.01	46.3%	46.7	8.546	32957	44.09	1463
90-6T-2	C	S	NO	1.00	50.9%	55.7	1.777	18106	18.37	957
90-6/12T-2	C	S	NO	1.00	46.5%	51.0	1.944	18044	18.42	971
90-6T-3	C	S	NO	1.00	43.0%	46.8	2.492	22079	17.82	958
90-6/12T-3	C	S	NO	1.00	38.8%	42.4	2.760	21982	17.90	945
90-6T-4	B	T	NO	1.00	69.6%	72.7	3.270	37620	22.19	963
90-6/12T-4	B	T	NO	1.00	60.5%	63.2	3.762	37632	22.18	963
90-8T-1	C	S	NO	1.00	42.4%	48.8	0.980	13430	11.36	715
90-8T-1.5	C	S	NO	1.00	34.9%	40.5	1.332	14032	12.18	710

Erp. BEP (best efficiency point) characteristics

Model	MC	EC	VSD	SR	ηe [%]	N	[kW]	[m3/h]	[mmH$_2$O]	[RPM]
90-8T-2	C	S	NO	1.00	37.3%	42.8	1.375	14674	12.84	719
90-8T-3	C	S	NO	1.00	36.6%	41.5	1.675	16898	13.32	724
100-4T-7.5	C	S	NO	1.00	51.0%	52.4	5.965	27281	40.95	1443
100-4/8T-7.5	C	S	NO	1.00	45.7%	46.8	6.658	27102	41.24	1452
100-4T-10 IE3	C	S	NO	1.00	48.4%	49.1	7.832	36164	38.48	1467
100-4/8T-10	C	S	NO	1.00	43.0%	43.3	8.817	35646	39.03	1465
100-4T-15 IE3	C	S	NO	1.01	48.5%	48.5	11.339	44388	45.52	1472
100-4/8T-15	C	S	NO	1.01	43.0%	42.9	12.785	44106	45.84	1471
100-4T-20 IE3	C	S	NO	1.01	45.2%	45.1	13.169	46050	47.49	1472
100-4/8T-20	C	S	NO	1.01	41.5%	41.2	14.690	43763	51.13	1467
100-6T-3	C	S	NO	1.00	47.3%	51.1	2.461	23849	17.92	959
100-6/12T-3	C	S	NO	1.00	41.7%	45.3	2.789	23616	18.11	944
100-6T-4	C	S	NO	1.00	43.5%	46.3	3.541	28826	19.61	960
100-6/12T-4	C	S	NO	1.00	38.7%	41.2	3.980	28654	19.74	961
100-6T-5.5	C	S	NO	1.00	41.7%	43.8	4.637	32856	21.61	965
100-6/12T-5.5	C	S	NO	1.00	39.1%	41.1	4.939	32699	21.71	971
100-8T-1.5	C	S	NO	1.00	47.6%	52.9	1.452	19345	13.11	707
100-8T-2	C	S	NO	1.00	42.7%	47.2	1.923	20901	14.42	706

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

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

Model	63	125	250	500	1000	2000	4000	8000
25-2	35	50	69	68	69	68	63	54
25-4	21	36	55	54	55	54	49	40
31-2	41	56	75	74	75	74	69	60
31-4	23	38	57	56	57	56	51	42
35-2	48	63	82	81	82	81	76	67
35-4	30	45	64	63	64	63	58	49
40-2	55	70	89	88	89	88	83	74
40-4	35	50	69	68	69	68	63	54
45-2-2	51	68	80	88	93	93	89	82
45-2-3	53	70	82	90	95	95	91	84
45-4-3 (2v)	38	55	67	75	80	80	76	69
45-4-0.5	33	50	62	70	75	75	71	64
45-6	20	37	49	57	62	62	58	51
50-4	37	54	67	74	79	80	75	68
56-4-0.75	47	67	75	80	82	79	72	61
56-4-1	48	68	76	81	83	80	73	62
56-8-1 (2v)	33	53	61	66	68	65	58	47
56-4-1.5	49	69	77	82	84	81	74	63
56-8-1.5 (2v)	34	54	62	67	69	66	59	48
56-4-2	50	70	78	83	85	82	75	64
56-8-2 (2v)	35	55	63	68	70	67	60	49
56-6-0.33	36	56	64	69	71	68	61	50
56-6-0.5	36	56	64	69	71	68	61	50
56-6-0.75	37	57	65	70	72	69	62	51
63-4-1	50	70	78	83	85	82	75	64
63-8-1 (2v)	35	55	63	68	70	67	60	49
63-4-1.5	51	71	79	84	86	83	76	65
63-8-1.5 (2v)	36	56	64	69	71	68	61	50
63-4-2	52	72	80	85	87	84	77	66
63-8-2 (2v)	37	57	65	70	72	69	62	51
63-4-3	53	73	81	86	88	85	78	67
63-8-3 (2v)	38	58	66	71	73	70	63	52
63-4-4	54	74	82	87	89	86	79	68
63-8-4 (2v)	39	59	67	72	74	71	64	53
63-6-0.5	41	61	69	74	76	73	66	55
63-6-0.75	42	62	70	75	77	74	67	56
63-6-1	43	63	71	76	78	75	68	57
63-12-1 (2v)	28	48	56	61	63	60	53	42
71-4-1.5	55	75	83	88	90	87	80	69
71-8-1.5 (2v)	40	60	68	73	75	72	65	54
71-4-2	56	76	84	89	91	88	81	70
71-8-2 (2v)	41	61	69	74	76	73	66	55
71-4-3	58	78	86	91	93	90	83	72
71-8-3 (2v)	43	63	71	76	78	75	68	57
71-4-4	59	79	87	92	94	91	84	73
71-8-4 (2v)	44	64	72	77	79	76	69	58
71-6-0.75	44	64	72	77	79	76	69	58
71-6-1	45	65	73	78	80	77	70	59
71-12-1 (2v)	30	50	58	63	65	62	55	44
71-6-1.5	46	66	74	79	81	78	71	60
71-12-1.5 (2v)	31	51	59	64	66	63	56	45
80-4-3	59	79	87	92	94	91	84	73

Model	63	125	250	500	1000	2000	4000	8000
80-8-3 (2v)	44	64	72	77	79	76	69	58
80-4-4	60	80	88	93	95	92	85	74
80-8-4 (2v)	45	65	73	78	80	77	70	59
80-4-5.5	61	81	89	94	96	93	86	75
80-8-5.5 (2v)	46	66	74	79	81	78	71	60
80-6-1	48	68	76	81	83	80	73	62
80-12-1 (2v)	33	53	61	66	68	65	58	47
80-6-1.5	49	69	77	82	84	81	74	63
80-12-1.5 (2v)	34	54	62	67	69	66	59	48
80-6-2	50	70	78	83	85	82	75	64
80-12-2 (2v)	35	55	63	68	70	67	60	49
80-6-3	51	71	79	84	86	83	76	65
80-12-3 (2v)	36	56	64	69	71	68	61	50
80-8-0.5	46	66	74	79	81	78	71	60
80-8-0.75	47	67	75	80	82	79	72	61
80-8-1	48	68	76	81	83	80	73	62
90-4-4	65	86	93	98	101	97	90	79
90-8-4 (2v)	50	71	78	83	86	82	75	64
90-4-5.5	67	88	95	100	103	99	92	81
90-8-5.5 (2v)	52	73	80	85	88	84	77	66
90-4-7.5	69	90	97	102	105	101	94	83
90-8-7.5 (2v)	54	75	82	87	90	86	79	68
90-4-10	70	91	98	103	106	102	95	84
90-8-10 (2v)	55	76	83	88	91	87	80	69
90-6-2	55	76	83	88	91	87	80	69
90-12-2 (2v)	40	61	68	73	76	72	65	54
90-6-3	56	77	84	89	92	88	81	70
90-12-3 (2v)	41	62	69	74	77	73	66	55
90-6-4	57	78	85	90	93	89	82	71
90-12-4 (2v)	42	63	70	75	78	74	67	56
90-8-1	49	70	77	82	85	81	74	63
90-8-1.5	50	71	78	83	86	82	75	64
90-8-2	51	72	79	84	87	83	76	65
90-8-3	52	73	80	85	88	84	77	66
100-4-7.5	72	92	100	105	107	104	97	86
100-8-7.5 (2v)	57	77	85	90	92	89	82	71
100-4-10	73	93	101	106	108	105	98	87
100-8-10 (2v)	58	78	86	91	93	90	83	72
100-4-15	74	94	102	107	109	106	99	88
100-8-15 (2v)	59	79	87	92	94	91	84	73
100-4-20	75	95	103	108	110	107	100	89
100-8-20 (2v)	60	80	88	93	95	92	85	74
100-6-3	62	82	90	95	97	94	87	76
100-12-3 (2v)	47	67	75	80	82	79	72	61
100-6-4	63	83	91	96	98	95	88	77
100-12-4 (2v)	48	68	76	81	83	80	73	62
100-6-5.5	64	84	92	97	99	96	89	78
100-12-5.5 (2v)	49	69	77	82	84	81	74	63
100-8-1.5	56	76	84	89	91	88	81	70
100-8-2	57	77	85	90	92	89	82	71
100-8-3	57	77	85	90	92	89	82	71
100-8-4	58	78	86	91	93	90	83	72

Dimensions in mm

HCH

Model	ØA	ØB	ØC	ØD	E 0.16	E 0.33	E 0.5	E 0.75	E 1	E 1.5	E 2	E 3	E 4	E 5.5	E 7.5	E 10	E 15	E 20	F	ØJ	N
HCH-35-2	425	395	358	355	-	-	285	-	-	-	-	-	-	-	-	-	-	-	110	10	8 X 45º
HCH-35-4	425	395	358	355	257	-	-	-	-	-	-	-	-	-	-	-	-	-	110	10	8 X 45º
HCH-40-2	490	450	414	410	-	-	-	-	-	314	-	-	-	-	-	-	-	-	120	12	8 X 45º
HCH-40-4	490	450	414	410	-	305	-	-	-	-	-	-	-	-	-	-	-	-	120	12	8 X 45º
HCH-45-4	540	500	464	460	-	-	295	-	-	-	-	-	-	-		-	-	-	120	12	8 X 45º
HCH-45-6	540	500	464	460	-	295	-	-	-	-	-	-	-	-	-	-	-	-	120	12	8 X 45º
HCH-56-4	660	620	564	560	-	-	-	316	316	330	354	-	-	-	-	-	-	-	120	12	12 X 30º
HCH-56-6	660	620	564	560	-	298	316	316	-	-	-	-	-	-	-	-	-	-	120	12	12 X 30º
HCH-63-4	730	690	645	640	-	-	-	-	332	340	366	420	420	-	-	-	-	-	150	12	12 X 30º
HCH-63-6	730	690	645	640	-	-	332	332	340	-	-	-	-	-	-	-	-	-	150	12	12 X 30º
HCH-71-4	810	770	715	710	-	-	-	-	-	334	360	430	430	-	-	-	-	-	150	12	16 X 22º30'
HCH-71-6	810	770	715	710	-	-	-	323	334	360	-	-	-	-	-	-	-	-	150	12	16 X 22º30'
HCH-80-4	900	860	805	800	-	-	-	-	-	-	-	425	425	445	-	-	-	-	180	12	16 X 22º30'
HCH-80-6	900	860	805	800	-	-	-	-	360	386	425	445	-	-	-	-	-	-	180	12	16 X 22º30'
HCH-80-8	900	860	805	800	-	-	380	386	410	-	-	-	-	-	-	-	-	-	180	12	16 X 22º30'
HCH-90-4	1015	970	906	900	-	-	-	-	-	-	-	-	436	430	465	465	-	-	180	12	16 X 22º30'
HCH-90-6	1015	970	906	900	-	-	-	-	-	-	436	430	465	-	-	-	-	-	180	12	16 X 22º30'
HCH-90-8	1015	970	906	900	-	-	-	-	436	436	430	460	-	-	-	-	-	-	180	12	16 X 22º30'
HCH-100-4	1115	1070	1006	1000	-	-	-	-		-	-	-	-	-	480	503	612	612	200	15	16 X 22º30'
HCH-100-6	1115	1070	1006	1000	-	-	-	-	-	-	-	440	503	503	-	-	-	-	200	15	16 X 22º30'
HCH-100-8	1115	1070	1006	1000	-	-	-	-	-	433	405	470	470	-	-	-	-	-	200	15	16 X 22º30'

HCT

Model	ØA	ØB	ØD	E	E1	ØJ	N
HCT-25	310	280	240	230	10	10	4x90º
HCT-31	350	320	280	270	-	10	4x90º
HCT-35	425	395	355	280	-	10	8x45º
HCT-40	490	450	410	320	-	12	8x45º
HCT-45	540	500	460	360	-	12	8x45º
HCT-50	600	560	514	360	-	12	12x30º
HCT-56	660	620	560	400	-	12	12x30º
HCT-63	730	690	640	430	-	12	12x30º
HCT-71	810	770	710	500	-	12	16x22º30'
HCT-80	900	860	800	500	-	12	16x22º30'
HCT-90	1015	970	900	500	-	15	16x22º30'
HCT-100	1115	1070	1000	600	-	15	16x22º30'
HCT-100-4T-15	1115	1070	1000	700	-	15	16x22º30'
HCT-100-4T-20	1115	1070	1000	700	-	15	16x22º30'

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mmH$_2$O, Pa and inwg.

2 Poles=3000 r/min

2 Poles=3000 r/min

4 Poles=1500 r/min

4 Poles=1500 r/min

4 Poles=1500 r/min

4 Poles=1500 r/min

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mmH_2O, Pa and inwg.

4 Poles=1500 r/min

4 Poles=1500 r/min

4 Poles=1500 r/min

4 Poles=1500 r/min

6 Poles=1000 r/min

6 Poles=1000 r/min

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mmH$_2$O, Pa and inwg.

6 Poles=1000 r/min

6 Poles=1000 r/min

6 Poles=1000 r/min

6 Poles=1000 r/min

8 Poles=750 r/min

8 Poles=750 r/min

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mmH_2O, Pa and inwg.

4 Poles (2-speed motor)=2/4 Poles

8 Poles (2-speed motor)=4/8 Poles

8 Poles (2-speed motor) =4/8 Poles

8 Poles (2-speed motor)=4/8 Poles

8 Poles (2-speed motor)=4/8 Poles

8 Poles (2-speed motor)=4/8 Poles

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mmH_2O, Pa and inwg.

8 Poles (2-speed motor) =4/8 Poles

12 Poles (2-speed motor)=6/12 Poles

12 Poles (2-speed motor)=6/12 Poles

12 Poles (2-speed motor)=6/12 Poles

12 Poles (2-speed motor)=6/12 Poles

12 Poles (2-speed motor)=6/12 Poles

Accessories

See accessories section.

INT RM AR C2V VSD3/A-RFT VSD1/A-RFM CUADROS PL P PT/H R RI RT BTUB BAC PS

S SI PV