

# CJHCH



## Axial ventilation units with soundproofed box

Ventilation units with internal soundproofing, with dismantlable inspection hatches.



### Fan:

- Galvanised steel structure with thermal insulation and soundproofing
- Impellers in polyamide 6 reinforced with fibre glass
- Ventilation units designed for working in both horizontal and vertical positions
- Airflow direction from motor to impeller

### 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: -25°C + 50°C

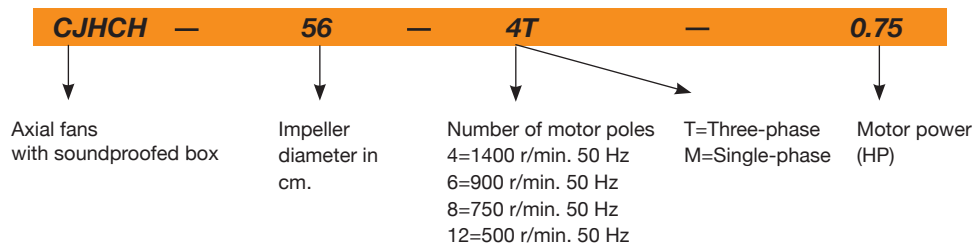
### Finish:

- Anticorrosive galvanized sheet steel.

### On request:

- IE2 and IE3 efficiency motors for any power.
- AL version cast aluminium impellers
- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages

## Order code



## Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed capacity (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		230V	400V	690V				
CJHCH-56-4T-0.75	1380	2.92	1.69		0.55	11050	69	52.1
CJHCH-56-4M-0.75	1450	4.40			0.55	11050	69	52.1
CJHCH-56-4T-1	1410	3.10	1.79		0.75	12950	70	53.1
CJHCH-56-4/8T-1	1430 / 710		2.00 / 0.90		0.75 / 0.20	12950/6475	70/55	54.0
CJHCH-56-4T-1.5	1400	4.03	2.32		1.10	14000	71	56.8
CJHCH-56-4/8T-1.5	1440 / 710		2.90 / 1.30		1.10 / 0.25	14000/7000	71 / 56	55.3
CJHCH-56-4T-2	1430	5.96	3.44		1.50	15300	72	59.3
CJHCH-56-4/8T-2	1420 / 700		3.50 / 1.50		1.50 / 0.37	15300/7650	72 / 57	59.0
CJHCH-56-6T-0.33	900	1.51	0.87		0.25	8500	59	48.8
CJHCH-56-6M-0.33	950	1.85			0.25	8400	59	49.8
CJHCH-56-6T-0.5	900	2.24	1.30		0.37	9300	59	51.1
CJHCH-56-6T-0.75	900	2.99	1.73		0.55	10000	60	53.1
CJHCH-63-4T-1	1410	3.10	1.79		0.75	14150	70	57.5
CJHCH-63-4/8T-1	1430 / 710		2.00 / 0.90		0.75 / 0.20	14150/7075	70 / 55	58.4
CJHCH-63-4T-1.5	1400	4.03	2.32		1.10	17000	71	61.2
CJHCH-63-4/8T-1.5	1440 / 710		2.90 / 1.30		1.10 / 0.25	17000/8500	71 / 56	59.7
CJHCH-63-4T-2	1430	5.96	3.44		1.50	18900	72	63.7
CJHCH-63-4/8T-2	1420 / 700		3.50 / 1.50		1.50 / 0.37	18900/9450	72 / 57	63.4
CJHCH-63-4T-3	1445	8.36	4.83		2.20	22100	73	72.4
CJHCH-63-4/8T-3	1430 / 710		4.90 / 1.70		2.20 / 0.45	22100/11050	73 / 58	69.4
CJHCH-63-4T-4	1445	10.96	6.33		3.00	25400	74	74.4
CJHCH-63-4/8T-4	1430 / 710		6.50 / 2.30		3.00 / 0.60	25400/12700	74 / 59	72.8
CJHCH-63-6T-0.5	900	2.24	1.30		0.37	12150	62	55.5
CJHCH-63-6M-0.5	900	2.69			0.37	12150	62	55.5
CJHCH-63-6T-0.75	900	2.99	1.73		0.55	12750	63	57.5
CJHCH-63-6T-1	945	3.90	2.20		0.75	13800	64	64.2
CJHCH-63-6/12T-1	935 / 435		2.20 / 0.87		0.75 / 0.15	13800/6900	64 / 49	63.2
CJHCH-71-4T-1.5	1400	4.03	2.32		1.10	19750	75	77.3
CJHCH-71-4/8T-1.5	1440 / 710		2.90 / 1.30		1.10 / 0.25	19600/9800	75 / 60	75.8

**Technical characteristics**

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		230V	400V	690V				
CJHCH-71-4T-2	1430	5.96	3.44		1.50	21100	76	79.8
CJHCH-71-4/8T-2	1420 / 700		3.50 / 1.50		1.50 / 0.37	21100/10550	76 / 61	79.5
CJHCH-71-4T-3	1445	8.36	4.83		2.20	23950	78	89.3
CJHCH-71-4/8T-3	1430 / 710		4.90 / 1.70		2.20 / 0.45	24150/12075	78 / 63	86.3
CJHCH-71-4T-4	1445	10.96	6.33		3.00	29400	79	91.3
CJHCH-71-4/8T-4	1430 / 710		6.50 / 2.30		3.00 / 0.60	29550/14775	79 / 64	89.7
CJHCH-71-6T-0.75	900	2.99	1.73		0.55	15150	65	73.2
CJHCH-71-6M-0.75	900	3.84			0.55	15150	65	73.2
CJHCH-71-6T-1	945	3.90	2.20		0.75	17250	66	80.3
CJHCH-71-6/12T-1	935 / 435		2.20 / 0.87		0.75 / 0.15	17150/8575	66 / 51	79.3
CJHCH-71-6T-1.5	945	4.88	2.82		1.10	20950	67	82.3
CJHCH-71-6/12T-1.5	950 / 470		3.00 / 1.15		1.10 / 0.18	20950/10475	67 / 52	81.3
CJHCH-80-4T-3	1445	8.36	4.83		2.20	28000	79	97.3
CJHCH-80-4/8T-3	1430 / 710		4.90 / 1.70		2.20 / 0.45	28000/14000	79 / 64	94.3
CJHCH-80-4T-4	1445	10.96	6.33		3.00	32700	80	99.3
CJHCH-80-4/8T-4	1430 / 710		6.50 / 2.30		3.00 / 0.60	32700/16350	80 / 65	97.7
CJHCH-80-4T-5.5	1440	14.10	8.12		4.00	37200	81	104.2
CJHCH-80-4/8T-5.5	1430 / 710		8.20 / 2.90		4.00 / 0.80	37200/18600	81 / 66	110.2
CJHCH-80-6T-1	945	3.90	2.20		0.75	20600	69	88.3
CJHCH-80-6/12T-1	935 / 435		2.20 / 0.87		0.75 / 0.15	20600/10300	69 / 54	87.3
CJHCH-80-6T-1.5	945	4.88	2.82		1.10	24250	70	90.3
CJHCH-80-6/12T-1.5	950 / 470		3.00 / 1.15		1.10 / 0.18	24250/12125	70 / 55	89.3
CJHCH-80-6T-2	955	6.42	3.71		1.50	28000	71	96.3
CJHCH-80-6/12T-2	970 / 470		4.60 / 1.90		1.50 / 0.25	28000/14000	71 / 56	106.2
CJHCH-80-6T-3	955	9.30	5.30		2.20	32500	72	101.2
CJHCH-80-6/12T-3	940 / 470		5.60 / 2.20		2.20 / 0.37	32500/16250	72 / 57	106.2
CJHCH-80-8T-0.5	700	2.77	1.60		0.37	16600	67	87.3
CJHCH-80-8T-0.75	695	3.53	2.04		0.55	19600	68	89.3
CJHCH-80-8T-1	705	4.68	2.70		0.75	22150	69	94.3
CJHCH-90-4T-4	1445	10.96	6.33		3.00	37750	84	123.2
CJHCH-90-4/8T-4	1430 / 710		6.50 / 2.30		3.00 / 0.60	37750/18875	84 / 69	121.6
CJHCH-90-4T-5.5	1440	14.10	8.12		4.00	41850	86	128.1
CJHCH-90-4/8T-5.5	1430 / 710		8.20 / 2.90		4.00 / 0.80	41850/20925	86 / 71	134.1
CJHCH-90-4T-7.5	1440		11.60	6.72	5.50	47000	88	143.5
CJHCH-90-4/8T-7.5	1450 / 720		11.80 / 3.80		5.50 / 1.10	47000/23500	88 / 73	153.5
CJHCH-90-4T-10 IE3	1465		13.90	8.06	7.50	53000	89	170.5
CJHCH-90-4/8T-10	1460 / 725		15.30 / 5.40		7.50 / 1.50	53000/26500	89 / 74	158.5
CJHCH-90-6T-2	955	6.42	3.71		1.50	30000	75	120.2
CJHCH-90-6/12T-2	970 / 470		4.60 / 1.90		1.50 / 0.25	30000/15000	75 / 60	130.1
CJHCH-90-6T-3	955	9.30	5.30		2.20	35000	76	125.1
CJHCH-90-6/12T-3	940 / 470		5.60 / 2.20		2.20 / 0.37	35000/17500	76 / 61	130.1
CJHCH-90-6T-4	960	12.70	7.30		3.00	40000	77	148.5
CJHCH-90-6/12T-4	960 / 480		9.00 / 3.50		3.00 / 0.55	40000/20000	77 / 62	147.5
CJHCH-90-8T-1	705	4.68	2.70		0.75	22400	69	118.2
CJHCH-90-8T-1.5	705	5.63	3.25		1.10	24150	70	121.2
CJHCH-90-8T-2	705	7.10	4.10		1.50	26300	71	132.1
CJHCH-90-8T-3	705	9.53	5.50		2.20	30150	72	158.5
CJHCH-100-4T-7.5	1440		11.60	6.72	5.50	52500	89	152.1
CJHCH-100-4/8T-7.5	1450 / 720		11.80 / 3.80		5.50 / 1.10	52500/26250	89 / 74	162.1
CJHCH-100-4T-10 IE3	1465		13.90	8.06	7.50	58500	90	179.1
CJHCH-100-4/8T-10	1460 / 725		15.30 / 5.40		7.50 / 1.50	58500/29250	90 / 75	167.1
CJHCH-100-4T-15 IE3	1470		20.90	12.10	11.00	68000	91	210.7
CJHCH-100-4/8T-15	1470 / 725		23.20 / 8.70		11.00 / 2.80	68000/34000	91 / 76	185.7
CJHCH-100-4T-20 IE3	1465		27.90	16.20	15.00	71850	92	221.7
CJHCH-100-4/8T-20	1460 / 725		31.72 / 11.75		15.00 / 3.80	72450/36225	92 / 77	200.7
CJHCH-100-6T-3	955	9.30	5.30		2.20	40500	80	133.0
CJHCH-100-6/12T-3	940 / 470		5.60 / 2.20		2.20 / 0.37	40500/20250	80 / 65	138.0
CJHCH-100-6T-4	960	12.70	7.30		3.00	46950	81	157.1
CJHCH-100-6/12T-4	960 / 480		9.00 / 3.50		3.00 / 0.55	46950/23475	81 / 66	156.1
CJHCH-100-6T-5.5	960	16.50	9.46		4.00	52000	82	165.1
CJHCH-100-6/12T-5.5	970 / 480		11.00 / 4.00		4.00 / 0.65	52000/26000	82 / 67	161.1
CJHCH-100-8T-1.5	720	6.32	3.65		1.10	32500	74	128.3
CJHCH-100-8T-2	705	7.10	4.10		1.50	33850	75	140.0
CJHCH-100-8T-3	705	9.53	5.50		2.20	35150	75	167.1
CJHCH-100-8T-4	705	12.82	7.40		3.00	37800	76	175.1

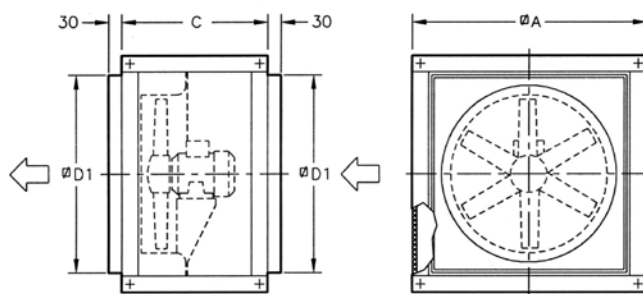
**Acoustic features**

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.

Modelo	63	125	250	500	1000	2000	4000	8000	Modelo	63	125	250	500	1000	2000	4000	8000
56-4-0.75	44	64	72	77	79	76	69	58	80-6-1.5	47	67	75	80	82	79	72	61
56-4-1	45	65	73	78	80	77	70	59	80-12-1.5 (2v)	32	52	60	65	67	64	57	46
56-8-1 (2v)	30	50	58	63	65	62	55	44	80-6-2	48	68	76	81	83	80	73	62
56-4-1.5	46	66	74	79	81	78	71	60	80-12-2 (2v)	33	53	61	66	68	65	58	47
56-8-1.5 (2v)	31	51	59	64	66	63	56	45	80-6-3	49	69	77	82	84	81	74	63
56-4-2	47	67	75	80	82	79	72	61	80-12-3 (2v)	34	54	62	67	69	66	59	48
56-8-2 (2v)	32	52	60	65	67	64	57	46	80-8-0.5	44	64	72	77	79	76	69	58
56-6-0.33	34	54	62	67	69	66	59	48	80-8-0.75	45	65	73	78	80	77	70	59
56-6-0.5	34	54	62	67	69	66	59	48	80-8-1	46	66	74	79	81	78	71	60
56-6-0.75	35	55	63	68	70	67	60	49	90-4-4	62	83	90	95	98	94	87	76
63-4-1	47	67	75	80	82	79	72	61	90-8-4 (2v)	47	68	75	80	83	79	72	61
63-8-1 (2v)	32	52	60	65	67	64	57	46	90-4-5.5	64	85	92	97	100	96	89	78
63-4-1.5	48	68	76	81	83	80	73	62	90-8-5.5 (2v)	49	70	77	82	85	81	74	63
63-8-1.5 (2v)	33	53	61	66	68	65	58	47	90-4-7.5	66	87	94	99	102	98	91	80
63-4-2	49	69	77	82	84	81	74	63	90-8-7.5 (2v)	51	72	79	84	87	83	76	65
63-8-2 (2v)	34	54	62	67	69	66	59	48	90-4-10	67	88	95	100	103	99	92	81
63-4-3	50	70	78	83	85	82	75	64	90-8-10 (2v)	52	73	80	85	88	84	77	66
63-8-3 (2v)	35	55	63	68	70	67	60	49	90-6-2	53	74	81	86	89	85	78	67
63-4-4	51	71	79	84	86	83	76	65	90-12-2 (2v)	38	59	66	71	74	70	63	52
63-8-4 (2v)	36	56	64	69	71	68	61	50	90-6-3	54	75	82	87	90	86	79	68
63-6-0.5	39	59	67	72	74	71	64	53	90-12-3 (2v)	39	60	67	72	75	71	64	53
63-6-0.75	40	60	68	73	75	72	65	54	90-6-4	55	76	83	88	91	87	80	69
63-6-1	41	61	69	74	76	73	66	55	90-12-4 (2v)	40	61	68	73	76	72	65	54
63-12-1 (2v)	26	46	54	59	61	58	51	40	90-8-1	47	68	75	80	83	79	72	61
71-4-1.5	52	72	80	85	87	84	77	66	90-8-1.5	48	69	76	81	84	80	73	62
71-8-1.5 (2v)	37	57	65	70	72	69	62	51	90-8-2	49	70	77	82	85	81	74	63
71-4-2	53	73	81	86	88	85	78	67	90-8-3	50	71	78	83	86	82	75	64
71-8-2 (2v)	38	58	66	71	73	70	63	52	100-4-7.5	69	89	97	102	104	101	94	83
71-4-3	55	75	83	88	90	87	80	69	100-8-7.5 (2v)	54	74	82	87	89	86	79	68
71-8-3 (2v)	40	60	68	73	75	72	65	54	100-4-10	70	90	98	103	105	102	95	84
71-4-4	56	76	84	89	91	88	81	70	100-8-10 (2v)	55	75	83	88	90	87	80	69
71-8-4 (2v)	41	61	69	74	76	73	66	55	100-4-15	71	91	99	104	106	103	96	85
71-6-0.75	42	62	70	75	77	74	67	56	100-8-15 (2v)	56	76	84	89	91	88	81	70
71-6-1	43	63	71	76	78	75	68	57	100-4-20	72	92	100	105	107	104	97	86
71-12-1 (2v)	28	48	56	61	63	60	53	42	100-8-20 (2v)	57	77	85	90	92	89	82	71
71-6-1.5	44	64	72	77	79	76	69	58	100-6-3	60	80	88	93	95	92	85	74
71-12-1.5 (2v)	29	49	57	62	64	61	54	43	100-12-3 (2v)	45	65	73	78	80	77	70	59
80-4-3	56	76	84	89	91	88	81	70	100-6-4	61	81	89	94	96	93	86	75
80-8-3 (2v)	41	61	69	74	76	73	66	55	100-12-4 (2v)	46	66	74	79	81	78	71	60
80-4-4	57	77	85	90	92	89	82	71	100-6-5.5	62	82	90	95	97	94	87	76
80-8-4 (2v)	42	62	70	75	77	74	67	56	100-12-5.5 (2v)	47	67	75	80	82	79	72	61
80-4-5.5	58	78	86	91	93	90	83	72	100-8-1.5	54	74	82	87	89	86	79	68
80-8-5.5 (2v)	43	63	71	76	78	75	68	57	100-8-2	55	75	83	88	90	87	80	69
80-6-1	46	66	74	79	81	78	71	60	100-8-3	55	75	83	88	90	87	80	69
80-12-1 (2v)	31	51	59	64	66	63	56	45	100-8-4	56	76	84	89	91	88	81	70

**Dimensions in mm**



Model	ØA	C	ØD1
CJHCH-56/63	825	550	690
CJHCH-71/80	1000	650	850
CJHCH-90/100	1200	750	1050

**Characteristic curves and efficiency data**

See curves and efficiency data HCH-HCT series

**Accessories**

See accessories section.

