

AXIAL FANS AND ROOF-MOUNTED EXTRACT FANS

# CJHCH



**Axial ventilation units with acoustically-isolated boxes**



Ventilation units with interior acoustic insulation and dismantlable inspection hatches.

**Fan:**

- Galvanised sheet steel structure with thermal and acoustic insulation.
- Fibreglass-reinforced polyamide-6 impellers.
- Ventilation units prepared for vertical or horizontal work.
- Airflow direction from motor to impeller.

**Motor:**

- IE3 efficiency motors for powers equal to or higher than 0.75kW except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection, except single-phase, from size 45 to 56, with IP54 protection. 1 or 2 speeds, depending on model.

- Single-phase 230V-50Hz and three-phase 230/400V-50Hz (up to 4kW) and 400/690V-50Hz (powers higher than 4kW).
- Operating temperature: -25°C+ 50°C.

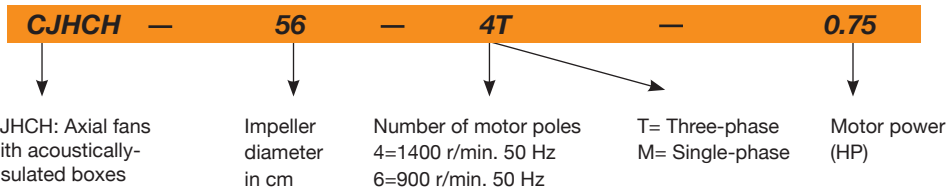
**Finish:**

- Anti-corrosive finish on galvanised sheet steel.

**On request:**

- Impellers made of cast aluminium.
- 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 power (kW)	Maximum flow rate (m³/h)	Sound pressure level dB(A)	Approx. weight (kg)	According to ErP
		230V	400V 690V					
CJHCH-56-4T-0.75	1380	2.92	1.69	0.55	11050	69	52	2015
CJHCH-56-4T-1 IE3	1420	2.82	1.62	0.75	12950	70	54	2015
CJHCH-56-4T-1.5 IE3	1455	4.07	2.34	1.10	14000	71	61	2015
CJHCH-56-4T-2 IE3	1440	5.41	3.11	1.50	15300	72	67	2015
CJHCH-56-6T-0.33	900	1.51	0.87	0.25	8500	59	49	2015
CJHCH-56-6T-0.5	900	2.24	1.30	0.37	9300	59	51	2015
CJHCH-56-6T-0.75	900	2.99	1.73	0.55	10000	60	53	2015
CJHCH-63-4T-1 IE3	1420	2.82	1.62	0.75	14150	70	59	2015
CJHCH-63-4T-1.5 IE3	1455	4.07	2.34	1.10	17000	71	65	2015
CJHCH-63-4T-2 IE3	1440	5.41	3.11	1.50	18900	72	72	2015
CJHCH-63-4T-3 IE3	1435	7.93	4.56	2.20	22100	73	73	2015
CJHCH-63-4T-4 IE3	1440	10.70	6.15	3.00	25400	74	79	2015
CJHCH-63-6T-0.5	900	2.24	1.30	0.37	12150	62	56	2015
CJHCH-63-6T-0.75	900	2.99	1.73	0.55	12750	63	58	2015
CJHCH-63-6T-1 IE3	940	3.36	1.93	0.75	13800	64	67	*
CJHCH-71-4T-1.5 IE3	1455	4.07	2.34	1.10	19750	75	81	2015
CJHCH-71-4T-2 IE3	1440	5.41	3.11	1.50	21100	76	88	2015
CJHCH-71-4T-3 IE3	1435	7.93	4.56	2.20	23950	78	90	2015
CJHCH-71-4T-4 IE3	1440	10.70	6.15	3.00	29400	79	96	2015
CJHCH-71-6T-0.75	900	2.99	1.73	0.55	15150	65	73	2015
CJHCH-71-6T-1 IE3	940	3.36	1.93	0.75	17250	66	83	2015
CJHCH-71-6T-1.5 IE3	945	4.68	2.69	1.10	20950	67	88	2015

**Technical characteristics**

Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum flow rate (m³/h)	Sound pressure level dB(A)	Approx. weight (kg)	According to ErP
		230V	400V 690V					
CJHCH-80-4T-3 IE3	1435	7.93	4.56	2.20	28000	79	98	2015
CJHCH-80-4T-4 IE3	1440	10.70	6.15	3.00	32700	80	104	2015
CJHCH-80-4T-5.5 IE3	1450	13.90	8.00	4.00	37200	81	106	2015
CJHCH-80-6T-1 IE3	940	3.36	1.93	0.75	20600	69	91	2015
CJHCH-80-6T-1.5 IE3	945	4.68	2.69	1.10	24250	70	96	2015
CJHCH-80-6T-2 IE3	950	6.43	3.70	1.50	28000	71	100	2015
CJHCH-80-6T-3 IE3	950	9.08	5.22	2.20	32500	72	105	2015
CJHCH-90-4T-4 IE3	1440	10.70	6.15	3.00	37750	84	128	2015
CJHCH-90-4T-5.5 IE3	1450	13.90	8.00	4.00	41850	86	130	2015
CJHCH-90-4T-7.5 IE3	1465	10.30	5.97	5.50	47000	88	167	2015
CJHCH-90-4T-10 IE3	1465	13.90	8.06	7.50	53000	89	171	2015
CJHCH-90-6T-3 IE3	950	9.08	5.22	2.20	35000	76	129	2015
CJHCH-90-6T-4 IE3	970	12.00	6.91	3.00	40000	77	149	2015
CJHCH-100-4T-7.5 IE3	1465	10.30	5.97	5.50	52500	89	175	2015
CJHCH-100-4T-10 IE3	1465	13.90	8.06	7.50	58500	90	179	2015
CJHCH-100-4T-15 IE3	1470	20.90	12.10	11.00	68000	91	211	2015
CJHCH-100-4T-20 IE3	1465	27.90	16.20	15.00	71850	92	222	2015
CJHCH-100-6T-3 IE3	950	9.08	5.22	2.20	40500	80	137	2015
CJHCH-100-6T-4 IE3	970	12.00	6.91	3.00	46950	81	157	2015
CJHCH-100-6T-5.5 IE3	960	15.60	8.99	4.00	52000	82	163	2015

\* Equipment not covered by Directive 2009/125/EC

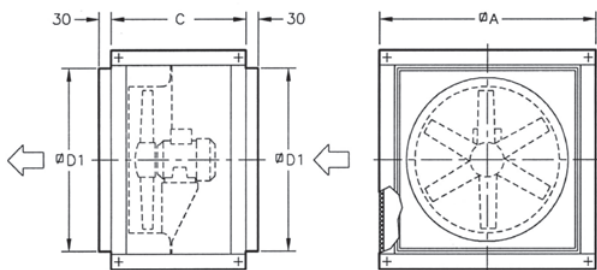
**Acoustic characteristics**

The indicated values are determined by measuring the sound pressure level and sound power in dB(A) obtained in a free field at a distance equivalent to twice the size of the fan plus the impeller diameter, with a minimum of 1.5 m.

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

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

**Dimensions mm**



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



**Erp. (Energy Related Products)**

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

**Characteristic curves**

See HCH-HCT series curves.

**Accessories**

See accessories section.

