

HCT/HATCH



Dynamic discharge systems with motorised opening function fitted with roof-mount extract fan.

Dynamic discharge systems with roof-mounted extract fans and motorised opening function. Suitable for installation in industrial or commercial buildings. Can also be used for ambient ventilation in the buildings in which it is installed.

Fan:

- An extremely robust structure that is able to withstand severe weather changes.
- Equipment structure made of anti-corrosive galvanised sheet steel.
- Water-tight design to prevent water entry.
- Heat insulation of 60mm to prevent hot air loss in the winter.
- Adaptable skirting for correct, easy installation on the roof.
- Maintenance switch fitted with NA/NC auxiliary contact to control equipment disconnection.
- Tubular casing in sheet steel with polyester resin anti-corrosive treatment.
- Cast aluminium rotors.
- 125 rotors made of cast aluminium with 3, 6 or 9 blades with adjustable angle of inclination.

Opening system:

- Motorised opening arms, with encapsulated IP-65 mechanism.
- Supply voltage 230 V, AC 50Hz.
- Reinforced, guaranteed system with more than 10,000 operations at maximum load.
- Maximum load 1000 Nw.

- Automatic opening function via external control system signal (fire station, smoke detector...) Control systems not included in the supply.
- Limit switch to signal the hatch position.

Motor:

- IE3 efficiency motors for powers equal to or greater than 0.75kW except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- 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.

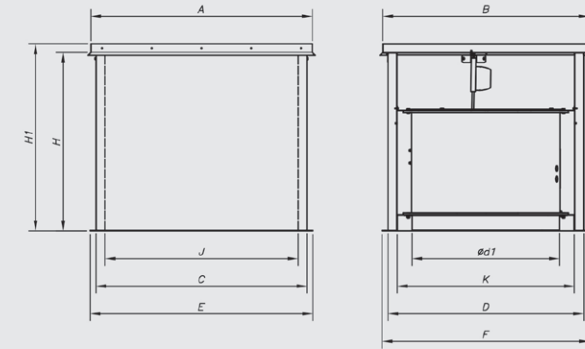
On request:

- Polyester resin anti-corrosive paint finish.
- Motorised opening arms with supply voltage of 24V. DC

Model	Speed (r/min)	Max. admissible current (A)			Max. electric power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (kg)	According to ErP
		230 V	400 V	690 V					
HCT/HATCH-40-2T-1.5 IE3	2830	4.03	2.34		1.10	8800	84	63	2015
HCT/HATCH-45-2T-2 IE3	2875	5.34	3.07		1.50	10650	86	71	2015
HCT/HATCH-45-2T-3 IE3	2910	7.32	4.21		2.20	12750	88	75	2015
HCT/HATCH-45-4T-0.5	1370	2.02	1.17		0.37	7100	68	60	2015
HCT/HATCH-50-4T-0.75	1380	2.92	1.69		0.55	10400	70	71	2015
HCT/HATCH-56-4T-1 IE3	1420	2.82	1.62		0.75	12950	73	77	2015
HCT/HATCH-56-4T-1.5 IE3	1455	4.07	2.34		1.10	14000	74	83	2015
HCT/HATCH-56-4T-2 IE3	1440	5.41	3.11		1.50	15300	75	89	2015
HCT/HATCH-56-6T-0.75	900	2.99	1.73		0.55	10000	62	76	2015
HCT/HATCH-63-4T-1 IE3	1420	2.82	1.62		0.75	14150	73	118	2015
HCT/HATCH-63-4T-1.5 IE3	1455	4.07	2.34		1.10	17000	74	124	2015
HCT/HATCH-63-4T-2 IE3	1440	5.41	3.11		1.50	18900	75	131	2015
HCT/HATCH-63-4T-3 IE3	1435	7.93	4.56		2.20	22100	76	133	2015
HCT/HATCH-63-4T-4 IE3	1440	10.70	6.15		3.00	25400	77	139	2015
HCT/HATCH-63-6T-0.75	900	2.99	1.73		0.55	12750	65	117	2015
HCT/HATCH-71-4T-2 IE3	1440	5.41	3.11		1.50	21100	79	136	2015
HCT/HATCH-71-4T-3 IE3	1435	7.93	4.56		2.20	23950	81	138	2015
HCT/HATCH-71-4T-4 IE3	1440	10.70	6.15		3.00	29400	82	144	2015
HCT/HATCH-71-6T-1 IE3	940	3.36	1.93		0.75	17250	68	131	2015
HCT/HATCH-71-6T-1.5 IE3	945	4.68	2.69		1.10	20950	69	136	2015
HCT/HATCH-80-4T-3 IE3	1435	7.93	4.56		2.20	28000	82	144	2015
HCT/HATCH-80-4T-4 IE3	1440	10.70	6.15		3.00	32700	83	150	2015
HCT/HATCH-80-4T-5.5 IE3	1450	13.90	8.00		4.00	37200	84	132	2015
HCT/HATCH-80-6T-1.5 IE3	945	4.68	2.69		1.10	24250	72	143	2015
HCT/HATCH-80-6T-2 IE3	950	6.43	3.70		1.50	28000	73	146	2015
HCT/HATCH-90-4T-5.5 IE3	1450	13.90	8.00		4.00	41850	89	191	2015
HCT/HATCH-90-4T-7.5 IE3	1465		10.30	5.97	5.50	47000	91	226	2015
HCT/HATCH-90-4T-10 IE3	1465		13.90	8.06	7.50	53000	92	230	2015
HCT/HATCH-90-6T-2 IE3	950	6.43	3.70		1.50	30000	77	185	2015
HCT/HATCH-90-6T-3 IE3	950	9.08	5.22		2.20	35000	78	190	2015
HCT/HATCH-90-6T-4 IE3	970	12.00	6.91		3.00	40000	79	208	2015
HCT/HATCH-100-4T-7.5 IE3	1465		10.30	5.97	5.50	52500	92	234	2015

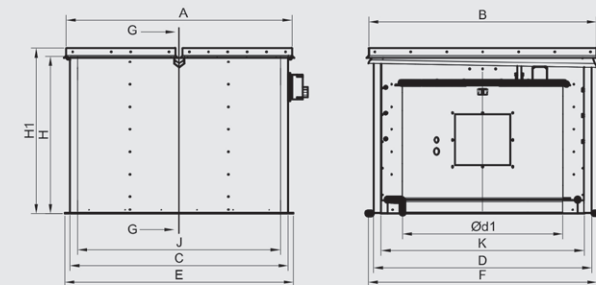
Model	Speed (r/min)	Max. admissible current (A)			Max. electric power (kW)	Maximum airflow (m ³ /h)	Sound pressure level dB(A)	Approx. weight (kg)	According to ErP
		230 V	400 V	690 V					
HCT/HATCH-100-4T-10 IE3	1465		13.90	8.06	7.50	58500	93	237	2015
HCT/HATCH-100-4T-15 IE3	1470		20.90	12.10	11.00	68000	94	275	2015
HCT/HATCH-100-4T-20 IE3	1465		27.90	16.20	15.00	71850	95	286	2015
HCT/HATCH-100-6T-3 IE3	950	9.08	5.22		2.20	40500	82	197	2015
HCT/HATCH-100-6T-4 IE3	970	12.00	6.91		3.00	46950	83	215	2015
HCT/HATCH-100-6T-5.5 IE3	960	15.60	8.99		4.00	52000	84	221	2015
HCT/HATCH-125-4T/3-25 IE3	1470		35.10	20.30	18.50	98350	91	363	2015
HCT/HATCH-125-4T/3-30 IE3	1470		41.00	23.80	22.00	110500	92	363	2015
HCT/HATCH-125-4T/3-40 IE3	1480		57.10	33.10	30.00	120850	93	468	2015
HCT/HATCH-125-4T/6-25 IE3	1470		35.10	20.30	18.50	92000	90	372	2015
HCT/HATCH-125-4T/6-30 IE3	1470		41.00	23.80	22.00	98100	90	372	2015
HCT/HATCH-125-4T/6-40 IE3	1480		57.10	33.10	30.00	117000	92	477	2015
HCT/HATCH-125-4T/6-50 IE3	1480		69.20	40.10	37.00	123700	93	560	2015
HCT/HATCH-125-4T/9-25 IE3	1470		35.10	20.30	18.50	79750	88	381	2015
HCT/HATCH-125-4T/9-30 IE3	1470		41.00	23.80	22.00	97000	89	381	2015
HCT/HATCH-125-4T/9-40 IE3	1480		57.10	33.10	30.00	111200	91	486	2015
HCT/HATCH-125-4T/9-50 IE3	1480		69.20	40.10	37.00	118350	93	569	2015
HCT/HATCH-125-6T/3-4 IE3	970	12.00	6.91		3.00	46550	79	204	2015
HCT/HATCH-125-6T/3-5.5 IE3	960	15.60	8.99		4.00	55300	80	207	2015
HCT/HATCH-125-6T/3-7.5 IE3	970		11.20	6.49	5.50	64450	81	219	2015
HCT/HATCH-125-6T/3-10 IE3	975		14.80	8.58	7.50	76400	83	297	2015
HCT/HATCH-125-6T/3-15 IE3	975		21.90	12.70	11.00	87050	84	298	2015
HCT/HATCH-125-6T/3-20 IE3	975		28.20	16.30	15.00	91700	85	407	2015
HCT/HATCH-125-6T/6-5.5 IE3	960	15.60	8.99		4.00	51300	77	216	2015
HCT/HATCH-125-6T/6-7.5 IE3	970		11.20	6.49	5.50	60300	77	228	2015
HCT/HATCH-125-6T/6-10 IE3	975		14.80	8.58	7.50	72250	79	306	2015
HCT/HATCH-125-6T/6-15 IE3	975		21.90	12.70	11.00	85450	81	307	2015
HCT/HATCH-125-6T/6-20 IE3	975		28.20	16.30	15.00	92850	82	416	2015
HCT/HATCH-125-6T/9-10 IE3	975		14.80	8.58	7.50	68200	78	315	2015
HCT/HATCH-125-6T/9-15 IE3	975		21.90	12.70	11.00	77550	81	316	2015
HCT/HATCH-125-6T/9-20 IE3	975		28.20	16.30	15.00	92900	84	425	2015

HCT/HATCH 40 ... 100



Model	A	B	C	D	Ød1	E	F	H	H1	J	K
HCT/HATCH-40	1100	990	1022	920	400	1100	1000	940	1000	900	800
HCT/HATCH-45	1100	990	1022	920	450	1100	1000	940	1000	900	800
HCT/HATCH-50	1100	990	1022	920	500	1100	1000	940	1000	900	800
HCT/HATCH-56	1100	990	1022	920	560	1100	1000	940	1000	900	800
HCT/HATCH-63	1295	1195	1222	1122	630	1300	1200	940	1000	1100	1000
HCT/HATCH-71	1295	1195	1222	1122	710	1300	1200	940	1000	1100	1000
HCT/HATCH-80	1295	1195	1222	1122	800	1300	1200	940	1000	1100	1000
HCT/HATCH-90	1492	1392	1420	1320	900	1500	1400	940	1000	1300	1200
HCT/HATCH-100	1492	1392	1420	1320	1000	1500	1400	940	1000	1300	1200

HCT/HATCH-125



Model	A	B	C	D	Ød1	E	F	H	H1	J	K
HCT/HATCH-125	1750	1775	1700	1700	1245	1780	1780	1230	1290	1580	1580