

HCT/HATCH



Dynamic discharge systems with motorised opening function fitted with roof-mounted extract fans

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

Fan:

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

Opening system:

- Motorised opening arms, with encapsulated IP65 mechanism.
- Power supply voltage of 230 Vac 50 Hz.
- Reinforced, guaranteed system with more than 10,000 operations at maximum load.
- Maximum load 1000 N.

- Automatic opening 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 higher than 0.75 kW except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V-50 Hz (up to 4 kW) and 400/690 V-50 Hz (powers higher than 4 kW).
- Operating temperature: -25°C to +50°C.

Finish:

- Anti-corrosive finish on galvanised sheet steel.

On request:

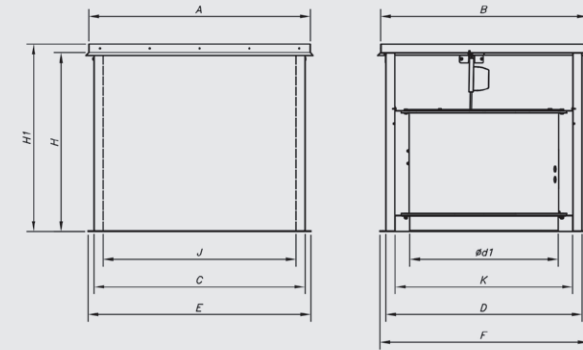
- Polyester resin anti-corrosive paint finish.
- Motorised opening arms with supply voltage of 24 V. DC

Model	Speed (r/min)	Max. admissible current (A)			Installed power (kW)	Max. flow (m ³ /h)	Sound pressure level dB(A)	Approx. weight (kg)	According ErP*
		230 V	400 V	690 V					
HCT/HATCH-40-2T-1.5 IE3	2830	4.03	2.34		1.10	8800	84	188	2015
HCT/HATCH-45-2T-2 IE3	2875	5.34	3.07		1.50	10650	86	193	2015
HCT/HATCH-45-2T-3 IE3	2910	7.32	4.21		2.20	12750	88	194	2015
HCT/HATCH-45-4T-0.5	1370	2.02	1.17		0.37	7100	68	189	2015
HCT/HATCH-50-4T-0.75	1380	2.92	1.69		0.55	10400	70	194	2015
HCT/HATCH-56-4T-1 IE3	1420	2.82	1.62		0.75	12950	73	202	2020
HCT/HATCH-56-4T-1.5 IE3	1455	4.07	2.34		1.10	14000	74	201	2020
HCT/HATCH-56-4T-2 IE3	1440	5.41	3.11		1.50	15300	75	205	2015
HCT/HATCH-56-6T-0.75	900	2.99	1.73		0.55	10000	62	201	2020
HCT/HATCH-63-4T-1 IE3	1420	2.82	1.62		0.75	14150	73	206	2020
HCT/HATCH-63-4T-1.5 IE3	1455	4.07	2.34		1.10	17000	74	208	2020
HCT/HATCH-63-4T-2 IE3	1440	5.41	3.11		1.50	18900	75	212	2020
HCT/HATCH-63-4T-3 IE3	1435	7.93	4.56		2.20	22100	76	221	2020
HCT/HATCH-63-4T-4 IE3	1440	10.70	6.15		3.00	25400	77	230	2020
HCT/HATCH-63-6T-0.75	900	2.99	1.73		0.55	12750	65	249	2015
HCT/HATCH-71-4T-2 IE3	1440	5.41	3.11		1.50	21100	79	260	2020
HCT/HATCH-71-4T-3 IE3	1435	7.93	4.56		2.20	23950	81	269	2020
HCT/HATCH-71-4T-4 IE3	1440	10.70	6.15		3.00	29400	82	278	2015
HCT/HATCH-71-6T-1 IE3	940	3.36	1.93		0.75	17250	68	260	2015
HCT/HATCH-71-6T-1.5 IE3	945	4.68	2.69		1.10	20950	69	268	2015
HCT/HATCH-80-4T-3 IE3	1435	7.93	4.56		2.20	28000	82	280	2020
HCT/HATCH-80-4T-4 IE3	1440	10.70	6.15		3.00	32700	83	289	2020
HCT/HATCH-80-4T-5.5 IE3	1450	13.90	8.00		4.00	37200	84	295	2020
HCT/HATCH-80-6T-1.5 IE3	945	4.68	2.69		1.10	24250	72	279	2020
HCT/HATCH-80-6T-2 IE3	950	6.43	3.70		1.50	28000	73	288	2020
HCT/HATCH-90-4T-5.5 IE3	1450	13.90	8.00		4.00	41850	89	318	2020
HCT/HATCH-90-4T-7.5 IE3	1465		10.30	5.97	5.50	47000	91	344	2020

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		230 V	400 V	690 V					
HCT/HATCH-90-4T-10 IE3	1465		13.90	8.06	7.50	53000	92	293	2020
HCT/HATCH-90-6T-2 IE3	950	6.43	3.70		1.50	30000	77	311	2020
HCT/HATCH-90-6T-3 IE3	950	9.08	5.22		2.20	35000	78	365	2020
HCT/HATCH-90-6T-4 IE3	970	12.00	6.91		3.00	40000	79	391	2015
HCT/HATCH-100-4T-7.5 IE3	1465		10.30	5.97	5.50	52500	92	400	2020
HCT/HATCH-100-4T-10 IE3	1465		13.90	8.06	7.50	58500	93	411	2020
HCT/HATCH-100-4T-15 IE3	1470		20.90	12.10	11.00	68000	94	466	2020
HCT/HATCH-100-4T-20 IE3	1465		27.90	16.20	15.00	71850	95	481	2020
HCT/HATCH-100-6T-3 IE3	950	9.08	5.22		2.20	40500	82	375	2020
HCT/HATCH-100-6T-4 IE3	970	12.00	6.91		3.00	46950	83	401	2015
HCT/HATCH-100-6T-5.5 IE3	960	15.60	8.99		4.00	52000	84	413	2015
HCT/HATCH-125-4T/6-25 IE3	1470		35.10	20.30	18.50	92000	90	746	2020
HCT/HATCH-125-4T/6-30 IE3	1470		41.00	23.80	22.00	98100	90	760	2020
HCT/HATCH-125-4T/6-40 IE3	1480		57.10	33.10	30.00	117000	92	841	2020
HCT/HATCH-125-4T/6-50 IE3	1480		69.20	40.10	37.00	123700	93	889	2020
HCT/HATCH-125-4T/9-25 IE3	1470		35.10	20.30	18.50	79750	88	755	2020
HCT/HATCH-125-4T/9-30 IE3	1470		41.00	23.80	22.00	97000	89	769	2020
HCT/HATCH-125-4T/9-40 IE3	1480		57.10	33.10	30.00	111200	91	850	2020
HCT/HATCH-125-4T/9-50 IE3	1480		69.20	40.10	37.00	118350	93	898	2020
HCT/HATCH-125-6T/6-5.5 IE3	960	15.60	8.99		4.00	51300	77	611	2020
HCT/HATCH-125-6T/6-7.5 IE3	970		11.20	6.49	5.50	60300	77	618	2020
HCT/HATCH-125-6T/6-10 IE3	975		14.80	8.58	7.50	72250	79	643	2020
HCT/HATCH-125-6T/6-15 IE3	975		21.90	12.70	11.00	85450	81	673	2020
HCT/HATCH-125-6T/6-20 IE3	975		28.20	16.30	15.00	92850	82	746	2020
HCT/HATCH-125-6T/9-10 IE3	975		14.80	8.58	7.50	68200	78	652	2020
HCT/HATCH-125-6T/9-15 IE3	975		21.90	12.70	11.00	77550	81	682	2020
HCT/HATCH-125-6T/9-20 IE3	975		28.20	16.30	15.00	92900	84	755	2020

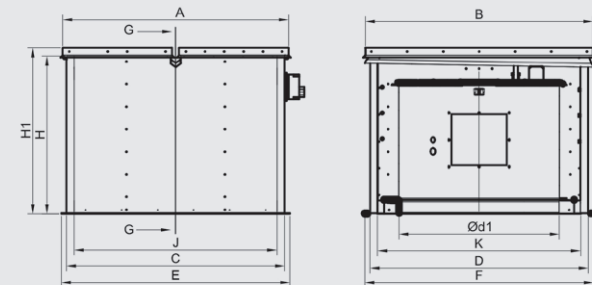
*In accordance with the ErP 2020 draft

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