



Acoustic cabinet fans
CHAT-N Series

Serial CHAT-N

CHAT/4 630 N 3,0KW IE3 *230/400V 50* F400 VE

Range of direct driven backward curved centrifugal cabinet fans designed for smoke extraction in fire conditions and certified F400-120 (CE marked). The casings are manufactured from a robust galvanised frame work combined with panels lined with 25 mm thickness of fireproof fibreglass acoustic insulation (M0). All models incorporate F400-120 rated motors approved to operate continuously (S1) and in emergency situations (S2). Available, depending upon the model, with three phase motors in 4, 6 or 4/8 poles.



Motors

All the motors are IP55 Class H insulation.
Electrical supply.
Three phase 230/400V-50Hz (1 speed).
Three phase 400-50Hz (2 speeds).



Technical data

Acoustic characteristics

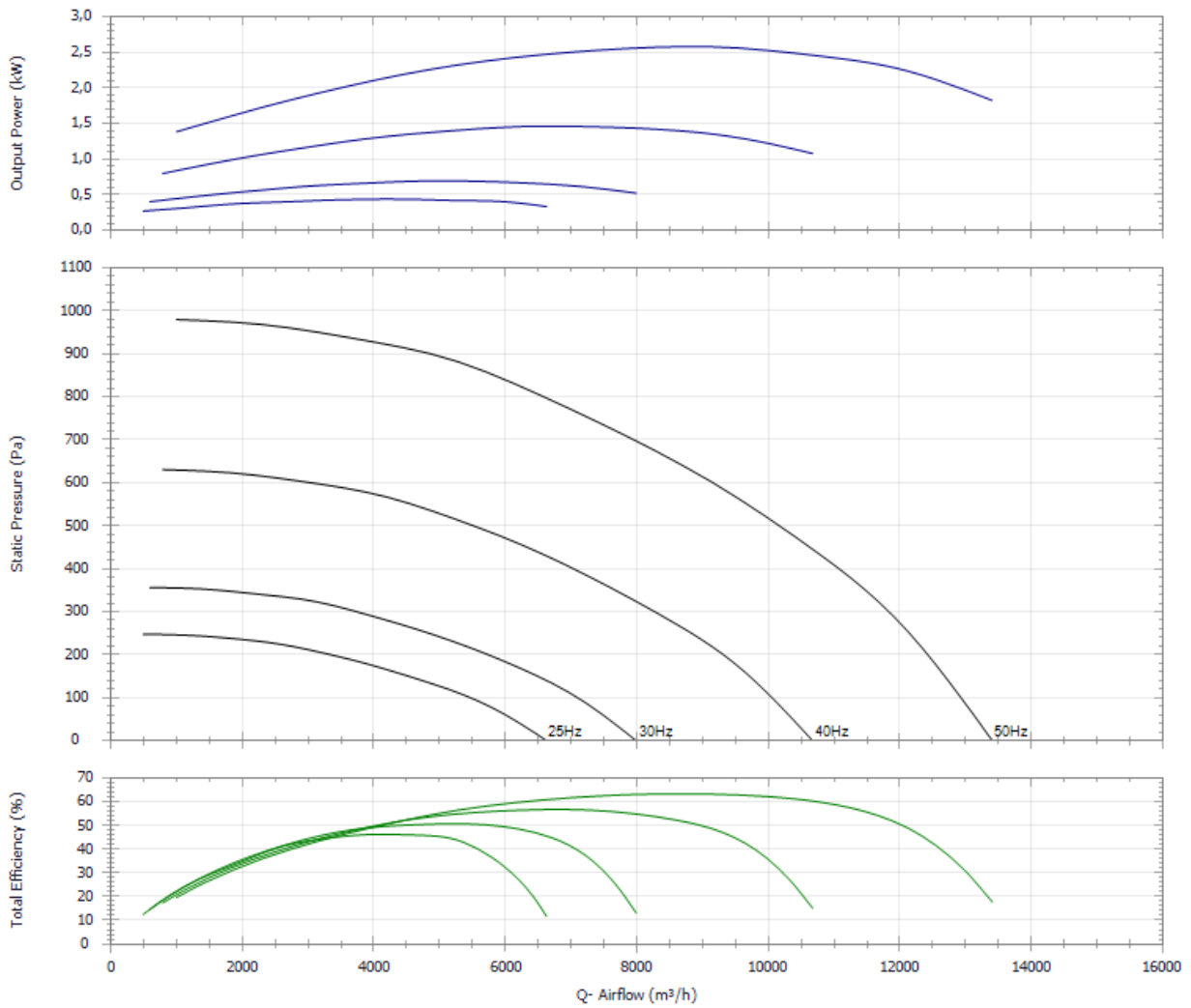
Hz	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (Lw)	83	87	86	82	77	80	72	67	92
Inlet (LwA)	57	71	77	79	77	81	73	66	86
Inlet LpA @ 1,5m	43	57	63	65	63	67	59	52	71
Outlet (Lw)	89	85	82	78	82	81	74	68	92
Outlet (LwA)	63	69	73	75	82	82	75	67	86
Outlet LpA @ 1,5m	49	55	59	61	68	68	61	53	72
Breakout (Lw)	75	79	78	74	69	72	64	59	84
Breakout (LwA)	49	63	69	71	69	73	65	58	78
Breakout LpA @ 1,5m	35	49	55	57	55	59	51	44	63

Technical characteristics

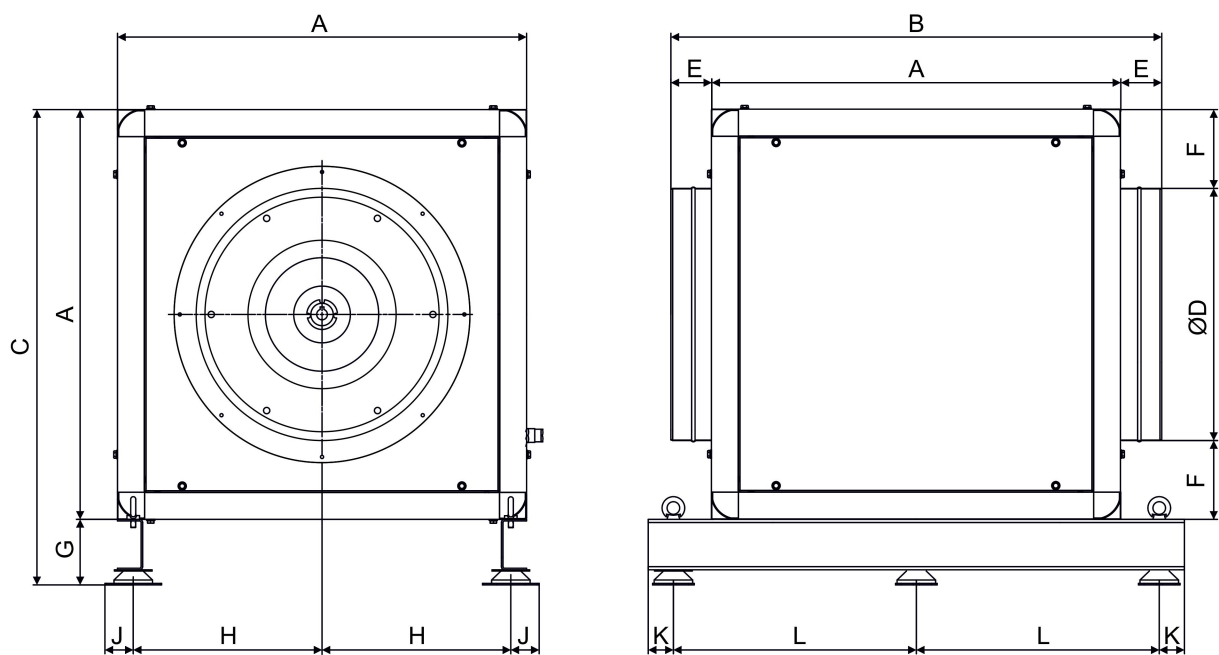
Construction

Motor Characteristics

Curves



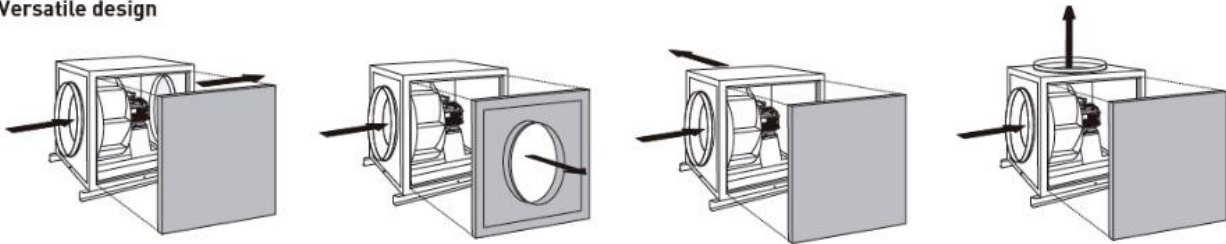
Dimensions



A	B	C	D	E	F	G	H	J	K	L
980	1090	1084	628	55	176	104	465	45	40	530

Fitting

Versatile design



ErP Information

Ecodesign	
Commission regulation (EU) N°1253/2014 of July 2014	
Information requirements (Annex V)	
Product description	CHAT/4 630 N 3,0KW IE3 (230/400V 50) F400 VE
Manufacturer's Info	S&P ES-08150 CIF-B64911928
Identifier	5148101600
Typology	NRVU unidirectional
Drive	VSD
Type of HRC	None
Thermal efficiency (%)	NA
Qnom (m3/s)	2,17
Pelec (kW)	2,9
SFPint (W/m3/s)	1338,363
Face velocity (m/s)	2,45
ps,ext (Pa)	712,35
ps,int (Pa)	NA
ps,add (Pa)	NA
Static efficiency fans (%)	62,3
External leakage rate (%)	3
Internal leakage rate (%)	NA
Filter performance	NA
Filter warning	NA
LWA dB(A)	71
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