



IRAB/IRAT-N

5132933300 - IRAB/4 315A N 230V50HZ 355/100 VE - IN-LINE DUCT FANS



Insulated rectangular self-cleaning duct fan. Very low profile design. Backward curved centrifugal impeller. Casing manufactured from heavy gauge galvanised sheet steel. 50mm thickness of M0 glass fibre internal acoustic insulation. External rotor motor, speed controllable, Class F insulation, IP44. External wiring terminal box. Safety thermal overload protection. They can be installed in any position. Brand S&P model IRAB/4 315A N 230V50Hz 355/100 VE.

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Theoretical Working Point

Airflow	-
Static Pressure	0,000 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	50 Hz

Construction

Discharge diameter	518 mm
Fan size	315
Weight	52,20 kg

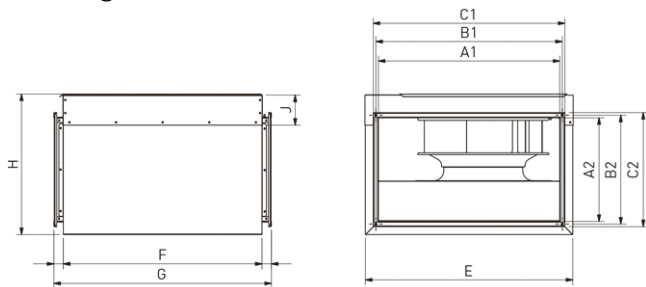
Motor Characteristics

Number of poles	4
Motor Power	-
Maximum absorbed current	1,2 A
Voltage	1-230V-50Hz
IP Rating	IP44
Motor insulation class	F

Working Point

Airflow	-
Static Pressure	-
Dynamic pressure	-
Total Pressure	-
Input power	-
Tot efficiency	-
Fan speed	1397
Specific Fan Power	-

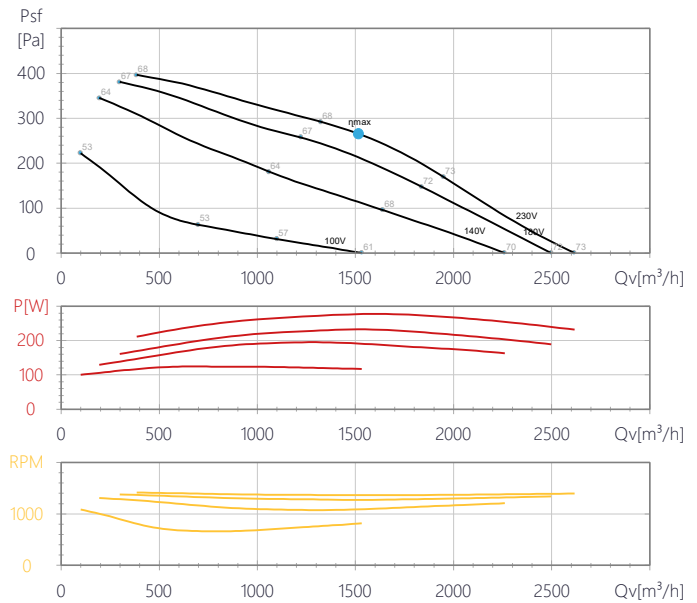
Drawing (mm)



A1	A2	B1	B2	C1	C2	E	F	G
600	350	620	370	640	390	705	700	765

H	J
500	115

Performance Chart



Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	49	71	64	65	62	58	56	47	73
Inlet LpA @ 1m	38	60	53	54	51	47	45	36	62
Outlet (LwA)	50	73	76	78	81	78	70	62	85
Outlet LpA @ 1m	39	62	65	67	70	67	59	51	74
Surrounding (LwA)	45	58	54	52	53	50	49	37	62
Surrounding LpA @ 1m	34	47	43	41	42	39	38	26	51



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ErP Data

Ecodesign	
Commission regulation (EU) N°1253/2014 of July 2014	
Information requirements (Annex V)	
Product description	IRAB/4 315A N 230V50Hz 355/100 VE
Manufacturer's Info	S&P
Identifier	-
Typology	NRVU unidirectional
Drive	VSD
Type of HRC	None
Thermal efficiency (%)	NA
Qnom (m3/s)	0,42
Pelec (kW)	0,28
SFPint (W/m3/s)	NA
Face velocity (m/s)	2
$\Delta p_{s,ext}$ (Pa)	264,8
$\Delta p_{s,int}$ (Pa)	NA
$\Delta p_{s,add}$ (Pa)	NA
Static efficiency fans (%)	46,2
External leakage rate (%)	2
Internal leakage rate (%)	NA
Filter performance	NA
Filter warning	NA
LWA dB(A)	57
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