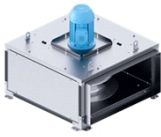




ILHT

5133744000 - ILHT/4-560 MV (230/400V50HZ) N8 - IN LINE DUCT FANS



Cabinet fan with modular structure certified F400 120 and prepared to transfer air up to 120°C in continuous. Manufactured with galvanized steel sheet panels mounted in an aluminum profile structure that allows multi-directional connections and installation in any axis position. Fitted with backward curved impeller, a three phase 4, F, IP55 motor speed controllable by frequency inverter and supplied with an on/off switch.

5133744000 - ILHT/4-560 MV (230/400V50HZ) N8

Theoretical Working Point

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

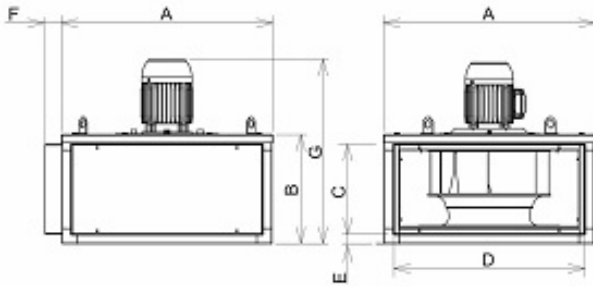
Construction

Discharge diameter	560 mm
Fan size	560
Blades	0
Weight	111,00 kg

Motor Characteristics

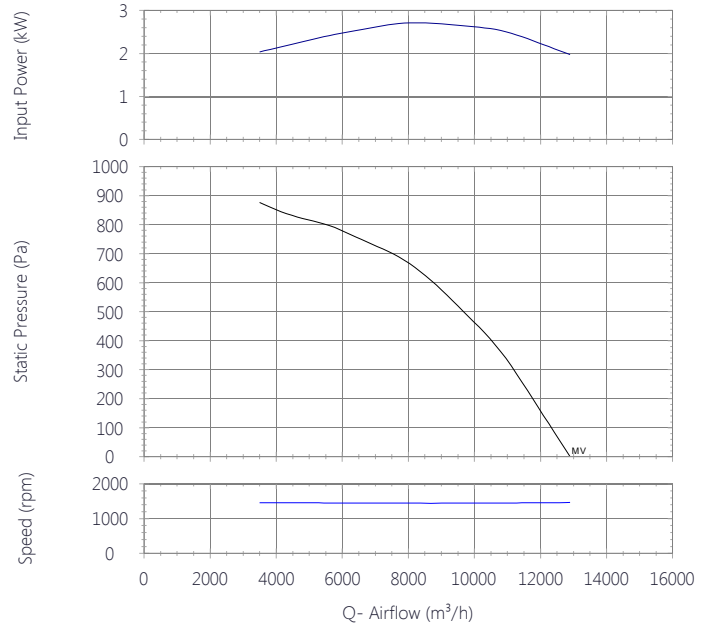
Number of poles	4
Motor Power	2,2 kW
Maximum absorbed current	8,0 A / 4,6 A
Voltage	3-230/400V-50Hz
IP Rating	IP55
Motor insulation class	F

Drawing



A	B	C	D	E	F	G
954	441	354	864	42	55	759

Performance Chart



Sound Performance

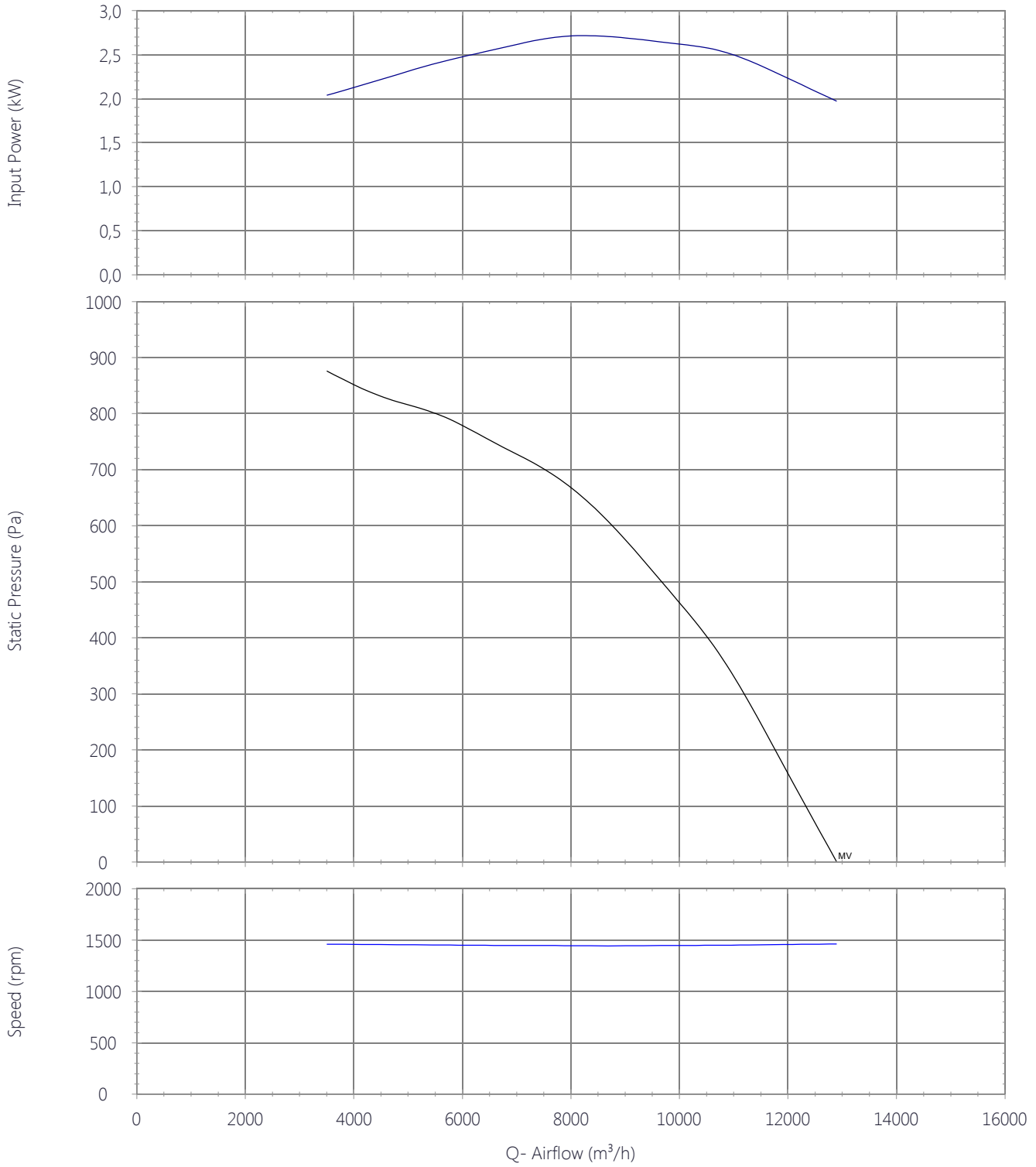
	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	58	76	75	73	80	78	75	69	85
Inlet LpA @ 1m	47	65	64	62	69	67	64	58	74
Outlet (LwA)	60	81	82	80	83	80	78	73	89
Outlet LpA @ 1m	49	70	71	69	72	69	67	62	78
Breakout (LwA)	47	66	67	64	68	66	62	55	74
Breakout LpA @ 1m	36	55	56	53	58	55	51	44	63



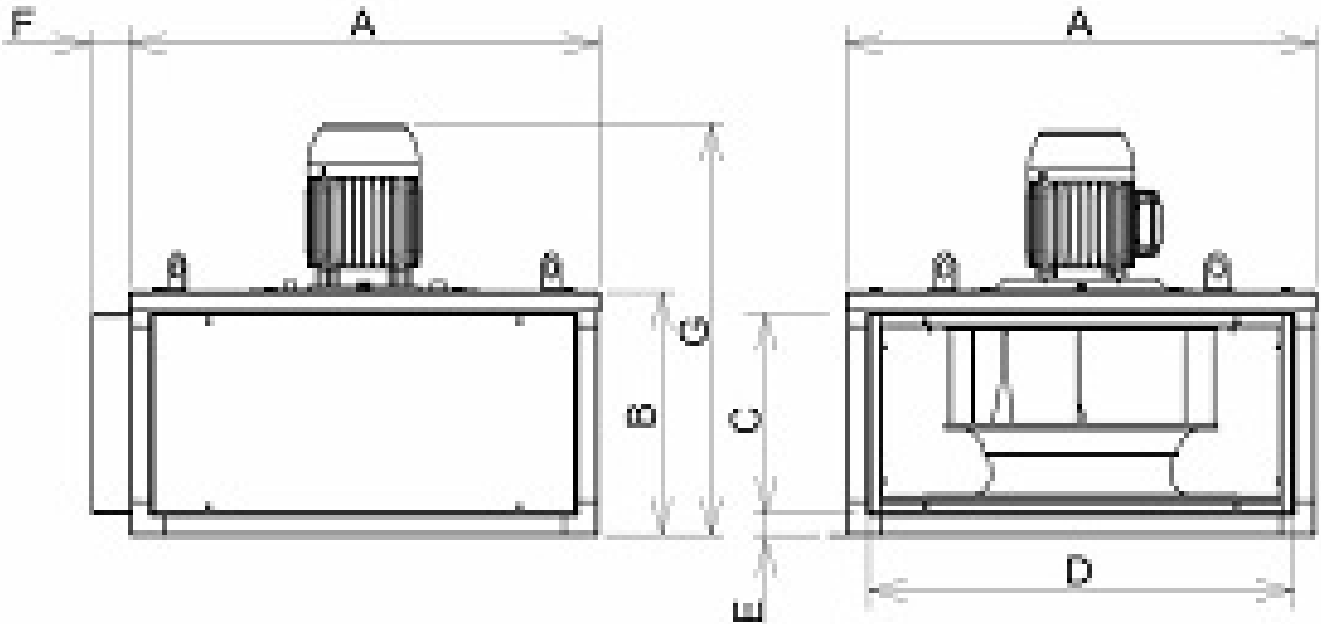
Q=1



Performance Chart



Drawing



A	B	C	D	E	F	G
954	441	354	864	42	55	759



ILHT

5133744000 - ILHT/4-560 MV (230/400V50HZ) N8 - IN LINE DUCT FANS

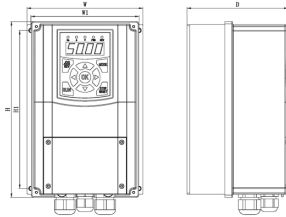
Accessories

L1000000662 - S&P UK DIGITAL INVERTER VFD-M 1PH>3PH 2.2KW 230V (10A MAX)

Single-phase 230V-50/60Hz Voltage supply. Motor kW protection programmable by a single parameter. Power on and drive status indication. Speed selection with UP/DOWN keys. Run/Fault relay output contacts. Motor overload and shortcut protections.



Dimensions



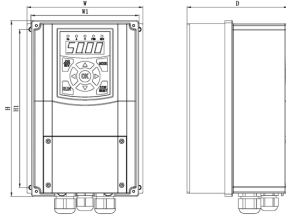
H	H1	W	W1	D	d
193	170	150	140	131	4.5

L1000000663 - S&P UK DIGITAL INVERTER VFD-M 1PH>3PH 3.7KW 230V (16A MAX)

Single-phase 230V-50/60Hz Voltage supply. Motor kW protection programmable by a single parameter. Power on and drive status indication. Speed selection with UP/DOWN keys. Run/Fault relay output contacts. Motor overload and shortcut protections.



Dimensions



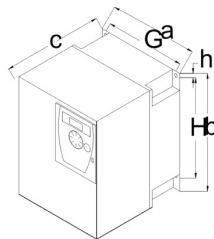
H	H1	W	W1	D	d
228	205	150	140	131	4.5

5401613100 - VFTM TRI 2,2

Adjustable frequency drive. Three phase supply (400V 50/60Hz), three phase 400V output.



Dimensions



a	b	c	G	h	H	I	nM4
142	184	152	126	6.5	157	5	4

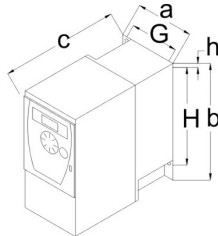


5401619400 - VFTM TRI 2,2 IP55

Adjustable frequency drive [INDPROT]. Three phase supply (400V 50/60Hz), three phase 400V output.



Dimensions



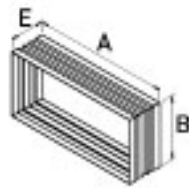
a	b	c	G	H	I
230	340	222	212	318	5

5133754900 - ILAR-560

Rectangular flexible connector



Dimensions



A	B	E
864	357	160

5133754100 - ILBR-560

Rectangular duct flange



Dimensions



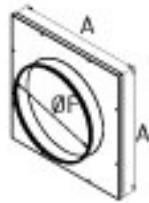
A	B
864	354

5133755700 - ILBC-560



Circular duct flange

Dimensions



A	F
864	63

5416988500 - ISA-ILHT-500/560/630



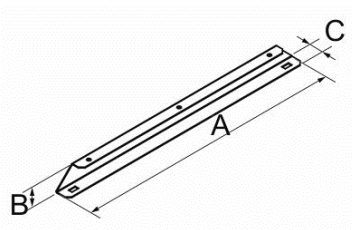
Antivibration mounts

5133753300 - ILSH-560 MV

Mounting support with motor in horizontal position.



Dimensions



A	B	C
762	50	35

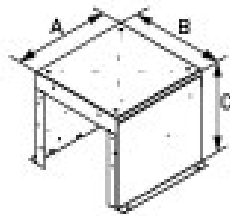


5133759300 - ILTM-500/560/630



Motor cover

Dimensions



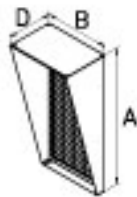
A	B	C
415	475	355

5133757300 - ILVV-560



Outdoor protection guard- Vertical motor shaft

Dimensions



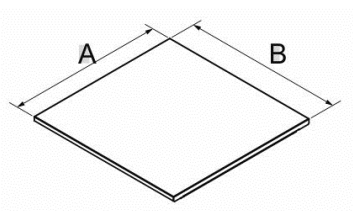
A	B	C
864	354	250

5133864300 - ILTI-560 MV



Pitched roof cover for outdoor mounted installations with motor in horizontal position.

Dimensions



A	B
985	504



ILHT

5133744000 - ILHT/4-560 MV (230/400V50HZ) N8 - IN LINE DUCT FANS

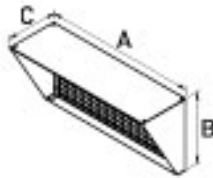


5133758100 - ILVH-560

Outdoor protection guard- Horizontal motor shaft



Dimensions



A	B	D
864	354	275

5133756500 - ILRC-560

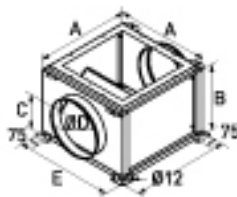
Rectangular-circular flange

5133758900 - ILPL-560

Double inlet plenum



Dimensions



A	B	C	D	E
948	755	389	630	988

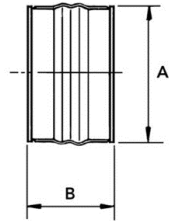


5138921500 - ACOPEL F400-630/160 N

FLEXIBLE CONNECTOR



Dimensions



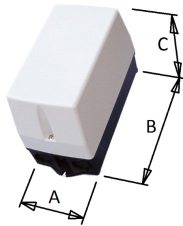
A	B
640	160

L0111000000414 - CONTACTOR INTERFACE STATION -9A - 2xN/C & 2xN/O CONTACTS

9A 2 x N/O / 2 x N/C relay in IP65 enclosure for switching of fans from an external source.



Dimensions



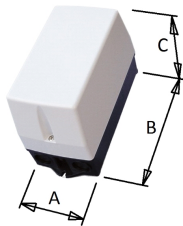
A	B	C
110	234	149

L0111000000199 - CONTACTOR INTERFACE STATION -9A - 4xN/O CONTACTS

9A N/O relay in IP65 enclosure for switching of fans from an external source, particularly useful for the on/off control of 3-phase units.



Dimensions



A	B	C
110	234	149



Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	58	76	75	73	80	78	75	69	85
Inlet LpA @ 1m	47	65	64	62	69	67	64	58	74
Outlet (LwA)	60	81	82	80	83	80	78	73	89
Outlet LpA @ 1m	49	70	71	69	72	69	67	62	78
Breakout (LwA)	47	66	67	64	68	66	62	55	74
Breakout LpA @ 1m	36	55	56	53	58	55	51	44	63



Q=1



ILHT

5133744000 - ILHT/4-560 MV (230/400V50HZ) N8 - IN LINE DUCT FANS



ErP Data

Ecodesign	
Commission regulation (EU) N°1253/2014 of July 2014	
Information requirements (Annex V)	
Product description	ILHT/4-560 MV (230/400V50HZ) N8
Manufacturer's Info	S&P ES-08150 CIF-B64911928
Identifier	-
Typology	NRVU unidirectional
Drive	VSD
Type of HRC	None
Thermal efficiency (%)	NA
Qnom (m3/s)	2,22
Pelec (kW)	2,71
SFPint (W/m3/s)	NA
Face velocity (m/s)	7,27
$\Delta p_{s,ext}$ (Pa)	669,6
$\Delta p_{s,int}$ (Pa)	NA
$\Delta p_{s,add}$ (Pa)	NA
Static efficiency fans (%)	57,4
External leakage rate (%)	1
Internal leakage rate (%)	NA
Filter performance	NA
Filter warning	NA
LWA dB(A)	73
https://www.solerpalau.com/	