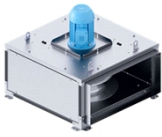




ILHT

5133743000 - ILHT/4-500 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 a



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

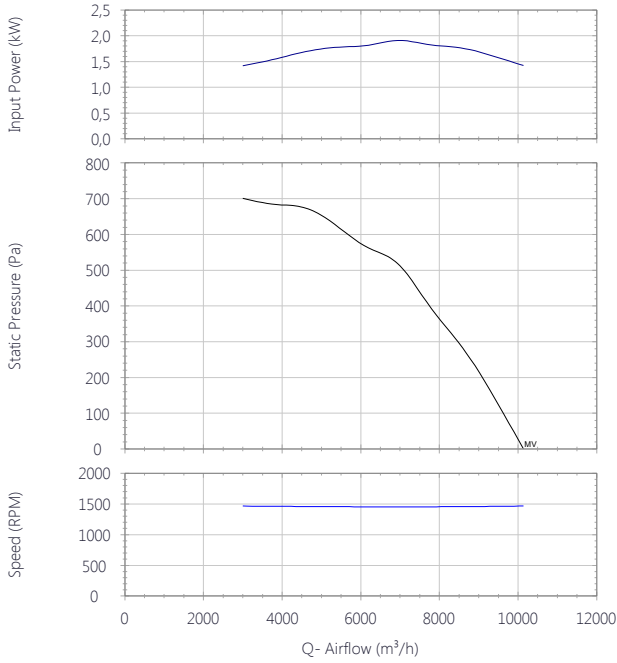
Discharge diameter	500 mm
Fan size	500
Blades	0
Weight	88,00 kg

Motor Characteristics

Number of poles	4
Motor Power	1,5 kW
Maximum absorbed current	5,5 A / 3,2 A
Voltage	3-230/400V-50Hz
IP Rating	IP55
Motor insulation class	F



Performance Chart



Drawing

A	BH	BV	C	D	E	F	G	J
858	925	424	338	768	700	890	42	112
I	K	L						
55	805	351						

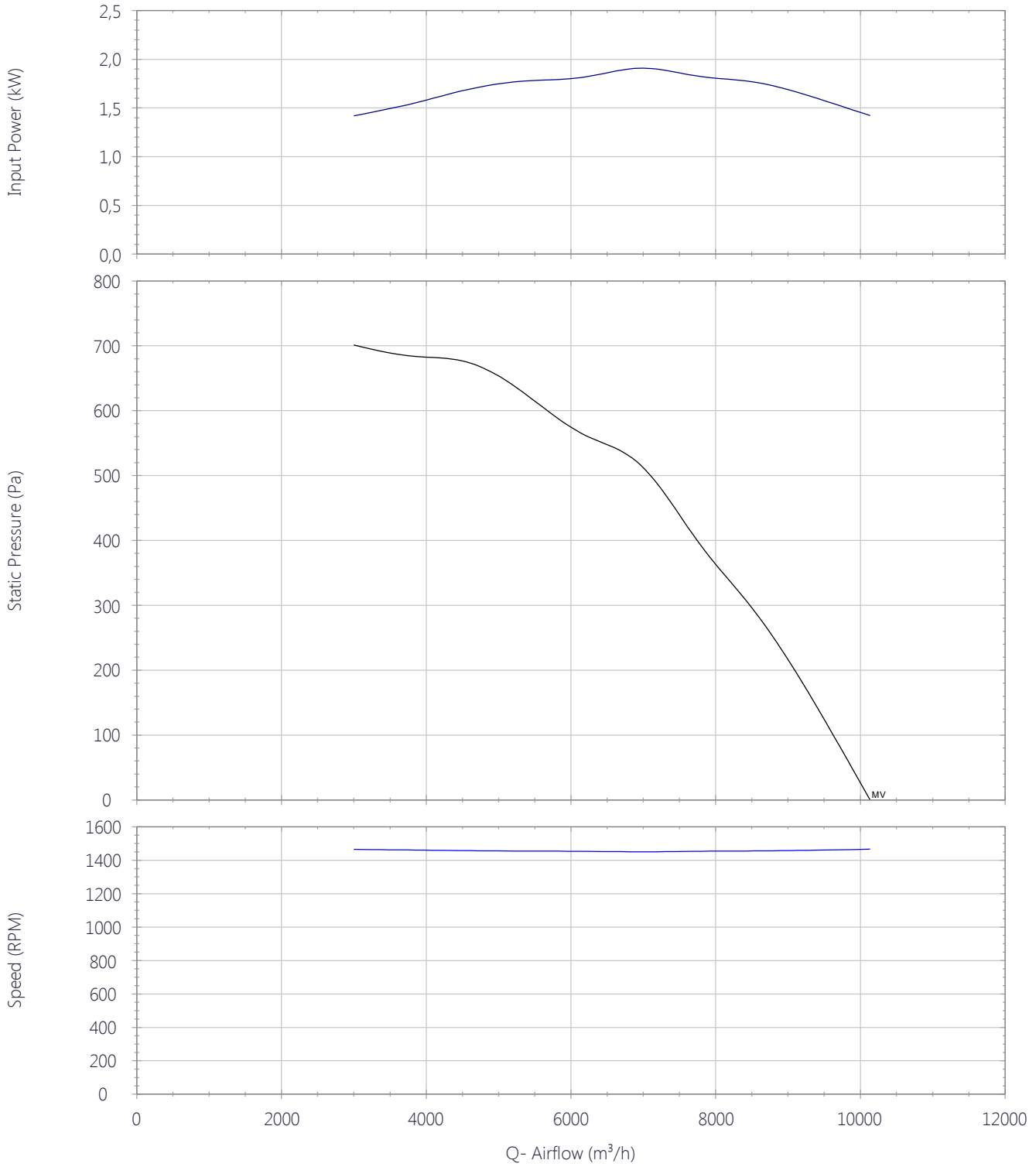
Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	58	74	73	73	78	77	75	70	83
Inlet LpA @ 1m	47	63	62	62	67	66	64	59	72
Outlet (LwA)	59	77	80	78	81	78	76	71	87
Outlet LpA @ 1m	48	66	69	67	70	67	65	60	76
Breakout (LwA)	50	65	65	63	67	66	65	59	73
Breakout LpA @ 1m	39	54	54	52	56	55	54	48	62





Performance Chart





Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	58	74	73	73	78	77	75	70	83
Inlet LpA @ 1m	47	63	62	62	67	66	64	59	72
Outlet (LwA)	59	77	80	78	81	78	76	71	87
Outlet LpA @ 1m	48	66	69	67	70	67	65	60	76
Breakout (LwA)	50	65	65	63	67	66	65	59	73
Breakout LpA @ 1m	39	54	54	52	56	55	54	48	62





ILHT

5133743000 - ILHT/4-500 MV (230/400V50HZ) N8 - IN-LINE DUCT FANS

Drawing

A	BH	BV	C	D	E	F	G	J	I	K	L
858	925	424	338	768	700	890	42	112	55	805	351

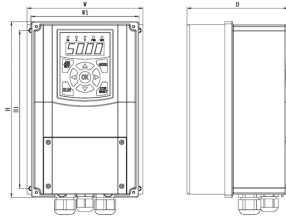
Accessories

L1000000662 - S&P VFD-M 10A IP54 (1-PH)



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



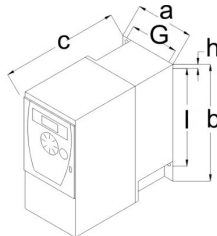
H	H1	W	W1	D	d
193	170	150	140	131	4.5

5401227500 - VFTM320 MONO 1,10 IP66



Adjustable frequency drive. Single phase supply 230V-50/60Hz, three phase 230V output.

Dimensions



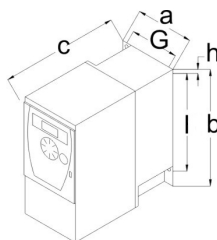
a	b	c	G	I	h
250	340	235	231	323	6.6

5401225600 - VFTM320 MONO 1,10



Adjustable frequency drive. Single phase supply 230V-50/60Hz, three phase 230V output.

Dimensions



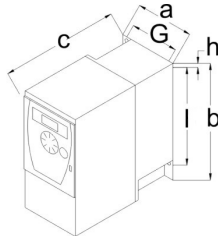
a	b	c	G	I	h
105	142	158	93	118	5

5401227600 - VFTM320 MONO 1,5 IP66

Adjustable frequency drive. Single phase supply 230V-50/60Hz, three phase 230V output.



Dimensions



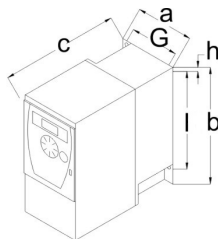
a	b	c	G	I	h
250	340	235	231	323	6.6

5401225700 - VFTM320 MONO 1,5

Adjustable frequency drive. Single phase supply 230V-50/60Hz, three phase 230V output.



Dimensions



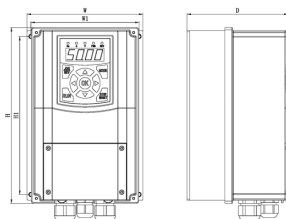
a	b	c	G	I	h
105	142	158	93	118	5

L1000000664 - S&P VFD-T 5A IP54 (3-PH)

Three-phase 400V-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

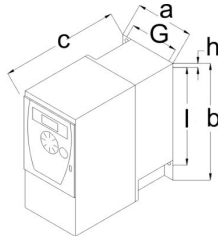


5401228200 - VFTM320 TRI 1,5 IP66



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

Dimensions



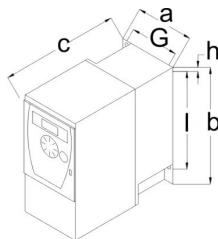
a	b	c	G	I	h
250	340	200	231	323	6.6

5401226300 - VFTM320 TRI 1,5



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

Dimensions



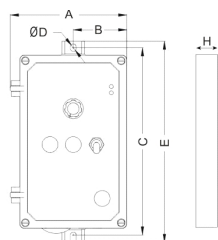
a	b	c	G	I	h
105	142	158	93	118	5

5401617800 - VFKB-24



Adjustable frequency drive with die cast aluminium IP55 case. Single phase supply (230V 50/60Hz), three phase 230V output .

Dimensions



A
140



ILHT

5133743000 - ILHT/4-500 MV (230/400V50HZ) N8 - IN-LINE DUCT FANS

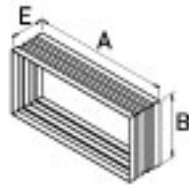


5133754800 - ILAR-500

Rectangular flexible connector



Dimensions



A	B	E
768	341	160

5133035600 - ICAH-500

Horizontal backdraft shutter



Dimensions

A	B	C
768	338	80

5133034500 - ICAV-500

Vertical backdraft shutter



Dimensions

A	B	C
768	338	80



ILHT

5133743000 - ILHT/4-500 MV (230/400V50HZ) N8 - IN-LINE DUCT FANS

5416988500 - ISA-ILHT-500/560/630



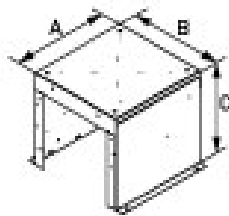
Antivibration mounts

5133759300 - ILTM-500/560/630



Motor cover

Dimensions



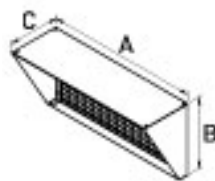
A	B	C
415	475	355

5133758000 - ILVH-500

Outdoor protection guard- Horizontal motor shaft



Dimensions



A	B	D
768	338	249

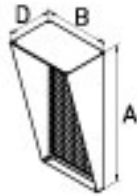


5133757200 - ILVV-500

Outdoor protection guard- Vertical motor shaft



Dimensions



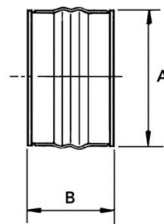
A	B	C
768	338	240

5138921400 - ACOPEL F400-560/160 N

FLEXIBLE CONNECTOR



Dimensions



A	B
568	160

5133036500 - IJKH-500

Manual adjustment damper



Dimensions

A	B	C
768	338	256



ILHT

5133743000 - ILHT/4-500 MV (230/400V50HZ) N8 - IN-LINE DUCT FANS

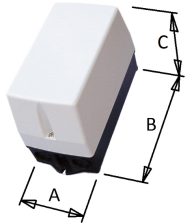


L011100000414 - CONTACTOR INTERFACE STATION - 9A-2 x N/C AND 2 x N/O CONTACTS

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



Dimensions



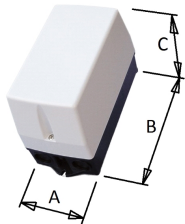
A	B	C
110	234	149

L011100000199 - CONTACTOR INTERFACE STATION - 9A - 4 x N/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



ILHT

5133743000 - ILHT/4-500 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/4-500 MV (230/400V50HZ) N8
Manufacturer's Info	S&P
Identifier	-
Typology	NRVU unidirectional
Drive	VSD
Type of HRC	None
Thermal efficiency (%)	NA
Qnom (m3/s)	1,77
Pelec (kW)	1,84
SFPint (W/m3/s)	NA
Face velocity (m/s)	6,81
$\Delta p_{s,ext}$ (Pa)	553,5
$\Delta p_{s,int}$ (Pa)	NA
$\Delta p_{s,add}$ (Pa)	NA
Static efficiency fans (%)	56,1
External leakage rate (%)	1
Internal leakage rate (%)	NA
Filter performance	NA
Filter warning	NA
LWA dB(A)	72
https://www.solerpalau.com/	