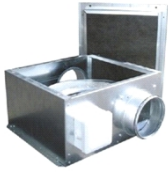




CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS



Acoustic cabinet fans for extraction or blowing, ultra-thin, made of galvanized steel sheet and internally lined with 25 mm thickness of fireproof acoustic insulation (M0). Horizontal or vertical mounting. All models incorporate single phase direct-drive forward curved centrifugal fan. Specially design for roof installation. All cabinets can be installed outdoors as standard. Operating temperature of -20 °C to + 50 °C. CAB-PLUS 125 and 160, external rotor motor, Class B, IP44, 2-speed speed. CAB-250 PLUS, asynchronous motor, Class B, IP20, 2-speed speed. CAB-315 PLUS, synchronous motor, B, IP44, 2 speed. All motors are with thermal protection with manual reset. IP44 external terminal box. Power supply: Single phase 230V-50Hz. Variable voltage on the high speed. Trade S&P model CAB-PLUS 160 (230V50/60HZ) VE.

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	160 mm
Fan size	160
Weight	9,90 kg

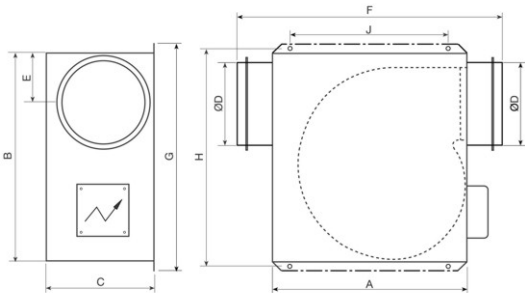
Motor Characteristics

Number of poles	4
Voltage	1-230V-50Hz
Maximum absorbed current	0,4 A
IP Rating	IP44
Motor insulation class	B

Working Point

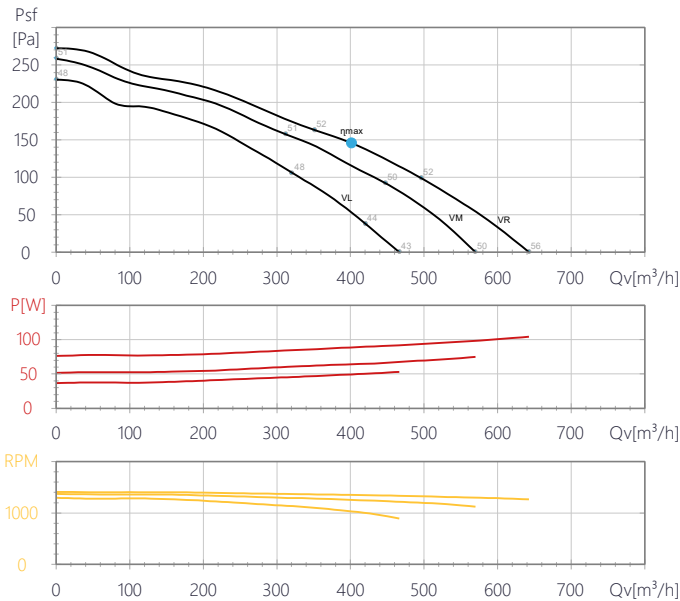
Fan speed	1317
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Drawing (mm)



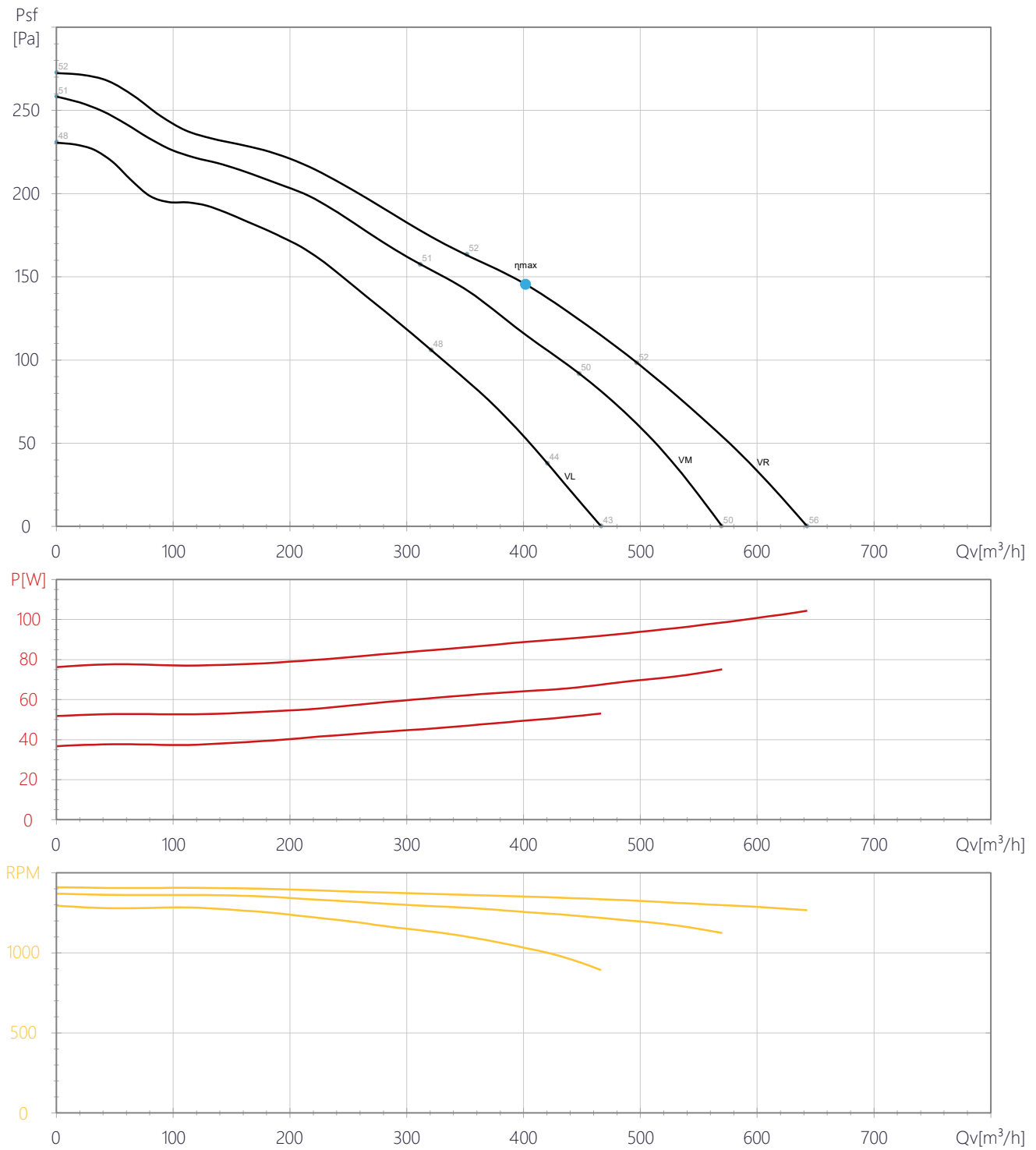
A	B	C	D	E	F	G	H	J
406	468	277	160	123	486	518	496	434

Performance Chart





Performance Chart





CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	42	50	51	50	47	46	40	34	56
Inlet LpA @ 1m	31	39	40	39	36	35	29	23	45
Outlet (LwA)	42	53	54	62	64	60	58	51	68
Outlet LpA @ 1m	31	42	43	51	53	49	47	40	57
Surrounding (LwA)	42	48	46	44	44	43	34	27	53
Surrounding LpA @ 1m	31	37	35	33	33	32	23	16	42

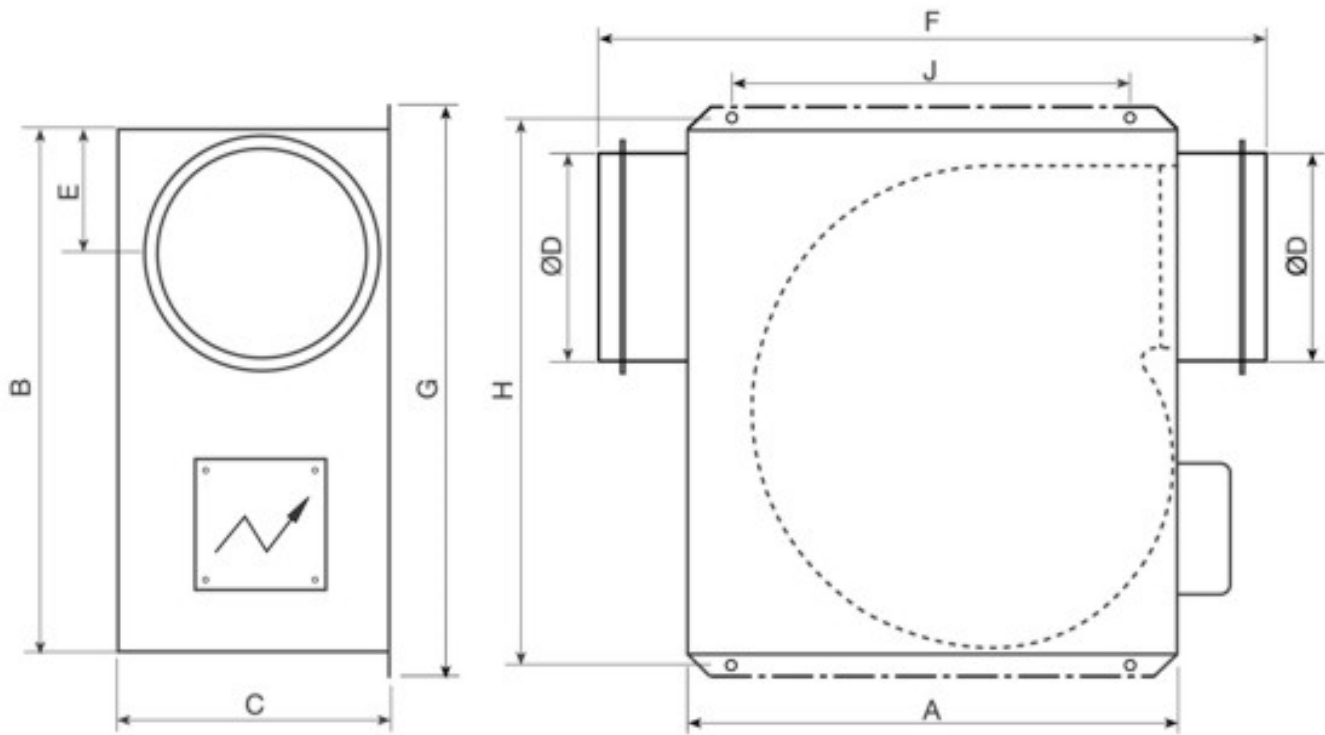




CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

Drawing (mm)



A	B	C	D	E	F	G	H	J
406	468	277	160	123	486	518	496	434



CAB-PLUS

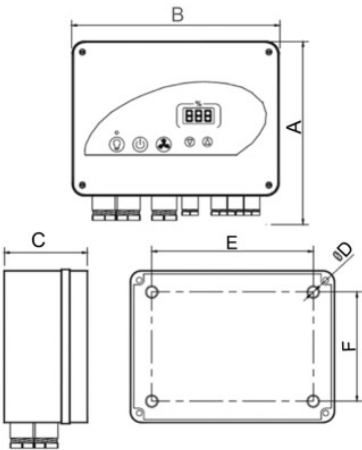
5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

Accessories

5401626900 - VRPU-5



Electronic control with display for single phase 230V-50/60Hz fans. Analogical input 0-10V or 4-20mA: The fan works proportionally to the input value with adjustments of the minimum and maximum values of the inputs and outputs. "ON/OFF": when the potential free contact (f.e. clock) close, the fan putting into operation according to the voltage of the analogical input. This connection associated to a PIR detector allows to have a ventilation system type minimum-maximum. Input « maximum speed »: given an external signal, the fan works at a maximum adjusted speed. Outputs: Magneto-termic dry contact. Illumination 230V 50Hz (max. 8A). Electrical supply master/slave 24Vdc (max. 100mA).



Dimensions					
A	B	C	D	E	F
176	200	80	5	155	105

5401304100 - REB-CVF (0-10V)



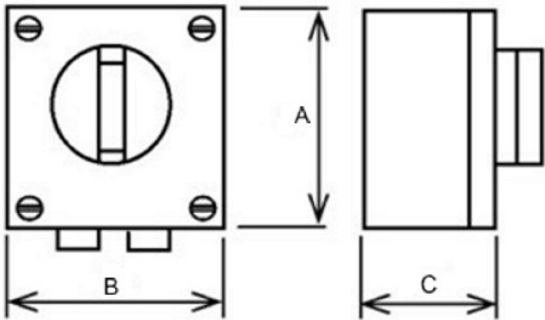


CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

5401640600 - INTER 4P

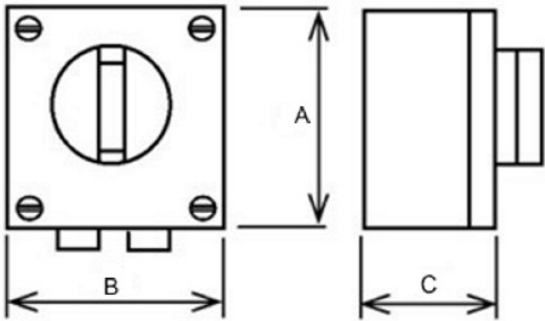
Three speed switch.Fan ON/OFF and speed selector.Maximum current rating 4A.



Dimensions		
A	B	C
86	86	60.4

5401306500 - COM-3

Three-speed switch.Fan ON/OFF and speed selector.Maximum current rating 4A.



Dimensions		
A	B	C
90	90	75

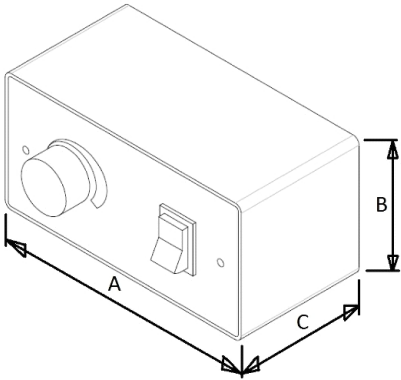


CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

L0111000000081 - REB-1 230V 50/60 ELECTRONIC SPEED CONTROLLER

Electronic single phase speed controller, 3-wire control, surface mounted, fuse protected with separate on/off switch.

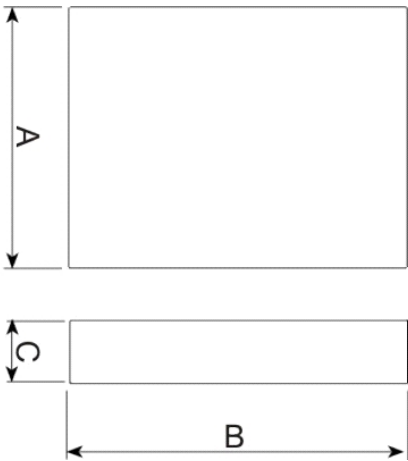


Dimensions		
A	B	C
105	83	40

5401620900 - CONTROL ECOWATT AC/4A (230VAC 50HZ)



Control element for demand controlled ventilation systems in public, commercial residential building it automatically modifies the fan speed to adapt it to the needs defined in the system, measured with sensors. It has three basic modes of operation: 1. Integral proportional control at constant pressure. 2. Proportional control with maximum demand criteria with multiple sensor input: temperature, CO2 and relative humidity. 3. Minimum-maximum control with three-sensor input: CO2, temperature, relative humidity or presence detectors (PIR). DC signal output of 1 to 10 V or signal output for AC voltage variation for single phase motors at 230 V. ECOWATT C CONTROL: for single phase ventilation units. ECOWATT C CONTROL: for DC ventilation units . Power supply:- AC model: 1~230 V. - DC model: 1~230 V or 24 VDC..



Dimensions		
A	B	C
165	220	110

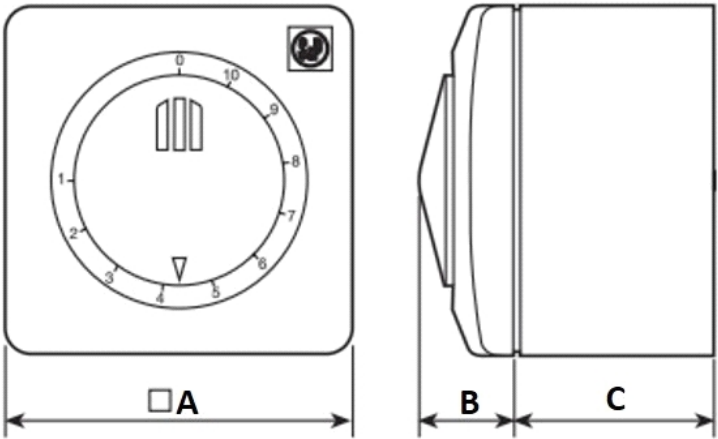


CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

5401270300 - REB-1 N (230V 50)

Electronic speed controller



Dimensions		
A	B	C
80	22	46

5401271100 - REB-1 N E (230V 50)

Electronic speed controller





CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

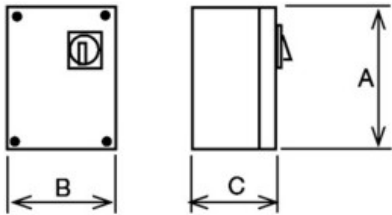
5401625700 - REV-1,5



Auto-transformer. Single phase 230V-50 Hz. Wall mounting. IP44. Motor PTO connection. Maximum switch output: (1A).

WEB

Accessory code
PRODUCTOACCESORIOCOMERICAL

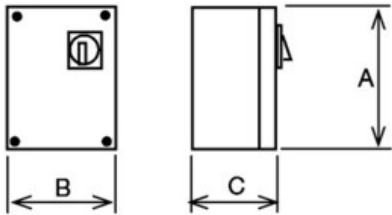


Dimensions		
A	B	C
220	170	180

5401245500 - RMB-1,5 (220V 50Y60)



AUTOTRANSFORMER SPEED CONTROLLER



Dimensions		
A	B	C
230	180	95



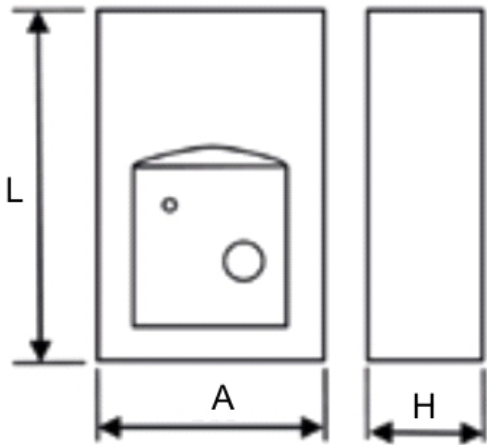
CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

5401620500 - VAPZ-3

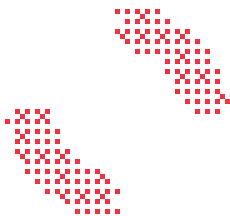


Electronic voltage regulator



Dimensions		
L	A	H
205	115	92

5401279400 - REB-1 R 230V 50



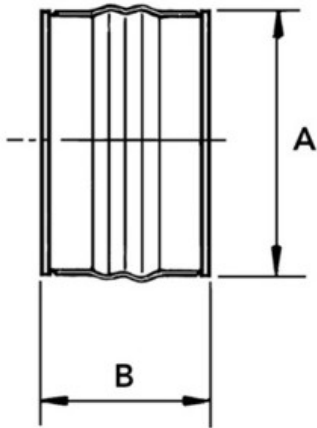


CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

5138920300 - ACOPEL F400-160/160 N

FLEXIBLE CONNECTOR



Dimensions	
A	B
163	160

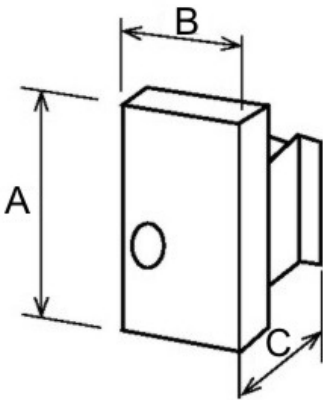
5132867200 - TTC-2000 (REG-16)



ELECTRICAL HEATER BATTERY CONTROLLER

WEB

Accessory code
PRODUCTOACCESORIOCOMERICAL



Dimensions		
A	B	C
280	160	140



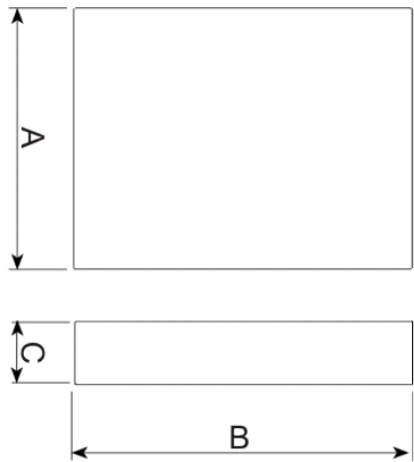
CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

5416349800 - PULSER D



Single phase electric heater controller. Similar controller to the PULSER designed to be fitted in a cabinet on DIN-rail (IP20). Set point: 0-30°C, the sensor determines the scale range (for use with NTC-sensor). Output (load): 16 A (min. 1 A). Maximum absorbed power: 3.6 kW.



Dimensions		
A	B	D
88	115	59

5416354800 - PULSER M



Single phase electric heater controller. Supplementary unit for slave control from another PULSER to control electric heaters with power ratings high to the PULSER capacity (3600W-230V).



Dimensions		
A	B	C
83	153	40



CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

5416365400 - PULSER-ADD

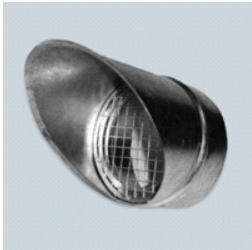


Single phase electric heater controller. Set point: 0-30°C, the sensor determines the scale range (for use with NTC-sensor). Output (load): 16 A (min. 1 A). Protection class: IP30.Input regulation maximum and minimum.Maximum absorbed power: 3.6 kW.

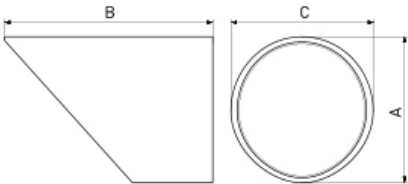


Dimensions		
A	B	C
83	153	40

5137915400 - APC-160



Protection guards for direct connection to the inlet-outlet fan flange connector.



Dimensions	
A	B
160	252



CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

5416582400 - TG-K330 (STC)

Duct temperature sensor. Used in conjunction with electric heater and controller. NTC type with liner scale. Protection class IP20.- TG-K330: from 0 to 30°C.



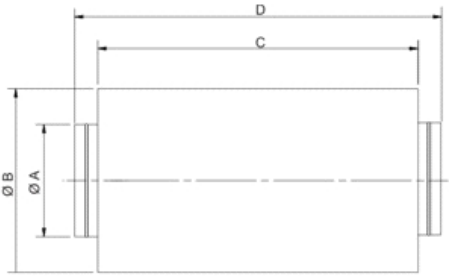
5416578200 - TG-R530 (STA)

Used in conjunction with electric heaters and controllers. NTC type with liner scale. Range of temperature 0-30°C. Protection class IP30.- Room sensor without set point adjustment, 0-30°C (TG-R530).



5211810600 - SIL-160

Silencer to be installed either at the inlet or outlet of the fan.



Corrections							
63	125	250	500	1k	2k	4k	8k
-2	-4	-8	-16	-26	-26	-23	-10

Dimensions			
A	B	C	D
160	250	600	700

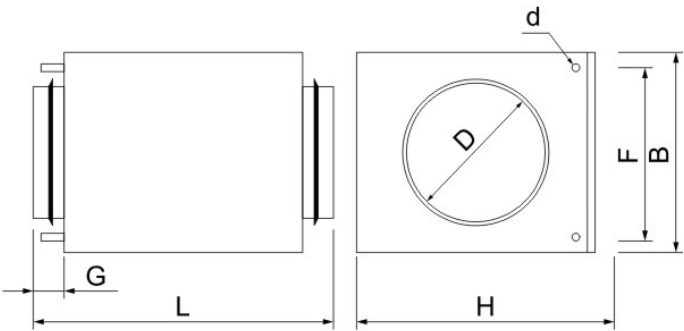
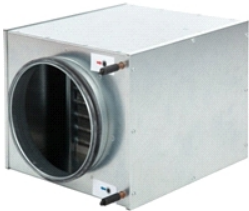


CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

5132864200 - MBW-160

Hot-water coil

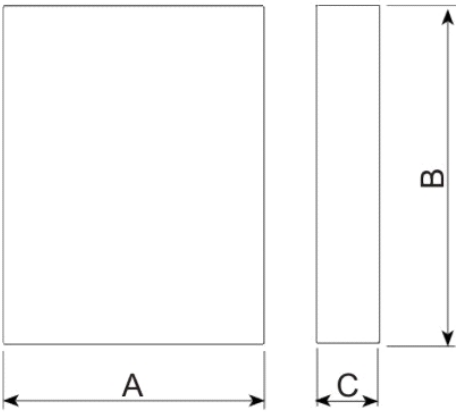


Dimensions						
B	D	H	J	K	L	R
258	160	305	40	215	380	10

5132869800 - PULSER (REG-6)



Single phase electric heater controller. Electronic controller to regulate the heat output of electric heater in order to maintain a constant pre-selected temperature. Depending on the selected temperature, the controller pulses the entire power output and uses a timeproportional control to maintain that temperature.



Dimensions		
A	B	C
83	153	40



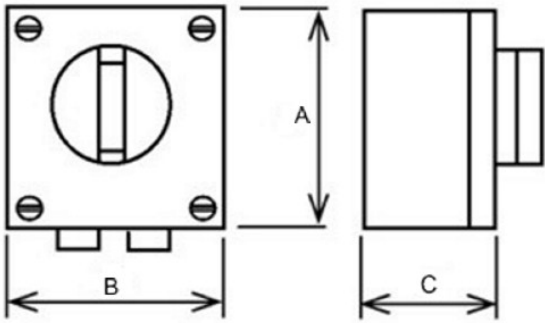
CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

5401259600 - COM-2



Two speed switch

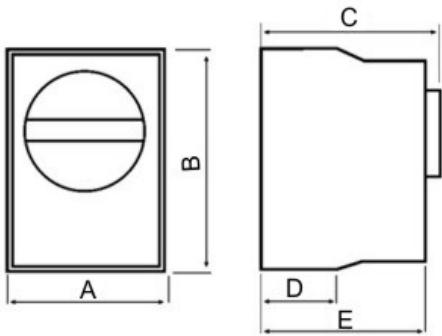


Dimensions		
B	H	T
82	82	37

5401285100 - INTERRUPTOR PARO-MARCHA 5P



Rotatory switch. Maximum current rating 20 A. 5 wires for two speed motors. IP-66-IP-67 protection 3x380V, 440V.



Dimensions		
B	H	T
86	86	120



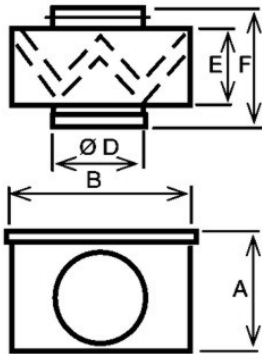
CAB-PLUS

5113217300 - CAB-PLUS 160 (230V50/60HZ) VE - ACOUSTIC CABINET FANS

5416592300 - MFL-160 G4



MFL filtration boxes are of G4 grade filtration and are designed for direct connection with standard circular ducting. The MFL-G4 filtration boxes are supplied with a cover easily removable to replace the filter.



Dimensions				
A	B	D	E	d
206	229	160	154	218