

airtècnics

# **Airbox<sup>®</sup>**

*Ventilation units  
with variable airflow*



**ENERGY SAVING  
TECHNOLOGIES**



airtèc

# Airbox® Ventilation Units

## General Description

A complete range of ventilation units, equipped with centrifugal fans with external rotor motor, designed to satisfy the most demanding up-to-date installations. Very silent, solid, versatile and easy to mount. All panels can be registered.

### Characteristics

Centrifugal fans of variable airflow, equipped with an external rotor motor protected through thermal contact. Voltage 100% controllable through electronic control or transformer.

In the characteristics section are indicated the more appropriated manual controllers for each type of fan. There are also available controllers with the entrance for control signal



High efficiency radial impellers balanced statically and dynamically, type 2,5 according to DIN/ISO 1940. Extremely silent and vibrations free.



0-10V or 4-20mA, 2 speed switches and motor protectors.

Casing made of extrusion aluminium profiles, ensembled by plastic corner of high resistance against impacts. All panels can be registered and exchangeable.

To make installation easier there are available a wide range of mounting accessories: flexible gaskets, shutters, grills, circular and rectangular hoppers, protection visors, dampers, duct silencers, electrical



The use of screws of metallic metric thread (not auto-threadable) makes it easy a quick and professional



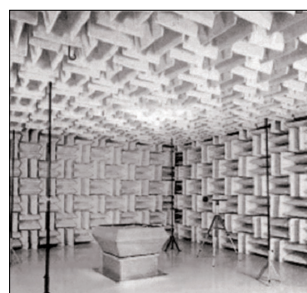
heating and water coils, filtration modules, mounting consoles and other special accessories on request.

The standard series is supplied with zinc plated steel panels with the internal part coated with 25mm of fibber glass insulation of high sound absorber capacity. On request there can be mounted sandwich panels and acoustic panels with

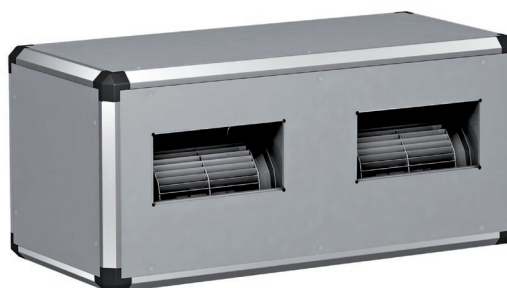
The sound levels indicated on the characteristic panels correspond to noise level pressure in ponder "A", taken at a distance of 1,5 meters with the suction and discharge connected to the duct.



50mm insulation of high density fibber glass. The sizes of the boxes with acoustic panels can be different from the indicated in the dimensions sheet. Please consult us.



## Specifications



## AIRBOX

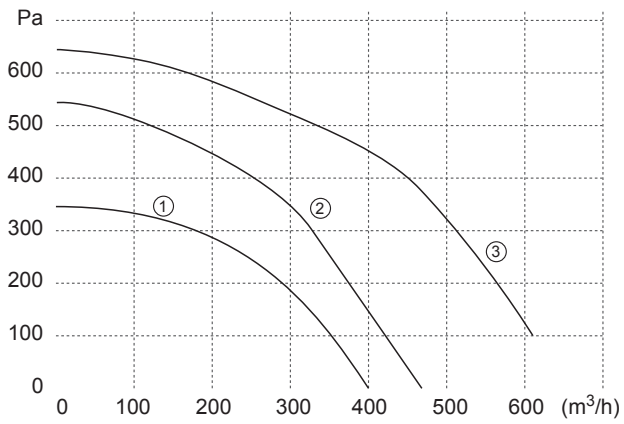
Modelo	Voltage V (50 Hz)	Intensity A	Power kW	Speed rpm	Air Flow m <sup>3</sup> /h	Max Pressure ΔPa
AIRBOX 22-1402	1x230V	0,56	0,12	1575	400	440
AIRBOX 22-1602K	1x230V	0,72	0,16	1565	465	540
AIRBOX 22-1602	1x230V	1,12	0,25	2110	640	610
AIRBOX 25-1202	1x230V	0,47	0,10	1640	415	295
AIRBOX 25-1334	1x230V	0,31	0,07	1100	535	100
AIRBOX 25-1332	1x230V	1,10	0,20	1365	680	380
AIRBOX 33-1332	1x230V	1,00	0,21	1465	758	410
AIRBOX 33-1334	1x230V	0,35	0,07	1160	680	110
AIRBOX 33-1464	1x230V	0,53	0,12	1110	870	145
AIRBOX 33-1462	1x230V	1,20	0,27	1865	900	520
AIRBOX 43-7/74	1x230V	1,40	0,32	1080	1700	280
AIRBOX 43-7/76	1x230V	0,75	0,17	760	1450	125
AIRBOX 43-7/94	1x230V	2,60	0,57	1240	3000	260
AIRBOX 54-9/74	1x230V	2,00	0,45	1000	2500	360
AIRBOX 54-9/76	1x230V	1,35	0,30	750	2200	170
AIRBOX 54-9/94	1x230V	3,90	0,87	950	3600	360
AIRBOX 54-9/96	1x230V	1,60	0,36	660	2600	170
AIRBOX 64-10/104	1x230V	4,80	1,10	1050	4200	500
AIRBOX 64-10/106	1x230V	2,80	0,60	875	4000	250
AIRBOX 77-12/126	1x230V	5,20	1,15	820	5700	340
AIRBOX 64-10/104D	3x400V	2,10	1,15	1080	4500	500
AIRBOX 77-12/126D	3x400V	2,70	1,45	810	7000	345
AIRBOX 97-15/156D	3x400V	6,00	2,90	835	10000	550
AIRBOX 97-15/156/6D	3x400V	6,0/3,0	2,9/1,6	835/620	10000/7500	550/470

## AIRBOX DUO

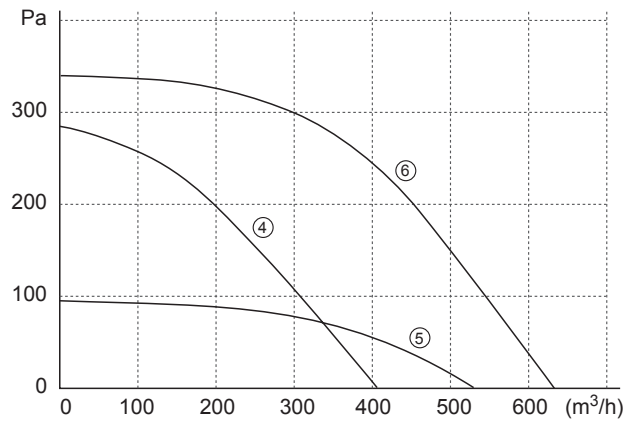
Modelo	Voltage V (50 Hz)	Intensity A	Power kW	Speed rpm	Air Flow m <sup>3</sup> /h	Max Pressure ΔPa
AIRBOX 33/2-1464	1x230V	1,06	0,24	1110	1740	145
AIRBOX 33/2-1332	1x230V	2,00	0,42	1465	1516	410
AIRBOX 33/2-1462	1x230V	2,40	0,54	1865	1800	520
AIRBOX 43/2-7/74	1x230V	2,80	0,64	1080	3400	280
AIRBOX 43/2-7/76	1x230V	1,50	0,34	760	2900	125
AIRBOX 43/2-7/94	1x230V	5,20	1,14	1240	6000	260
AIRBOX 54/2-9/74	1x230V	4,00	0,90	1000	5000	360
AIRBOX 54/2-9/94	1x230V	7,80	1,74	950	7200	360
AIRBOX 54/2-9/96	1x230V	3,20	0,72	660	5200	170
AIRBOX 64/2-10/104	1x230V	9,60	2,20	1050	8400	500
AIRBOX 64/2-10/106	1x230V	5,60	1,20	875	8000	250
AIRBOX 64/2-10/104D	3x400V	4,20	2,30	1080	9000	500

## Performance Curves

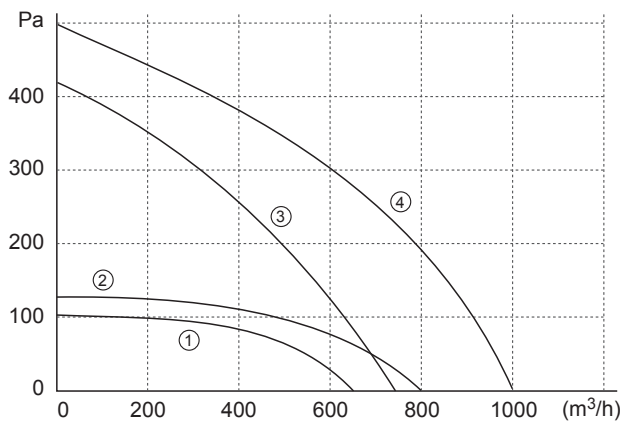
### AIRBOX 22



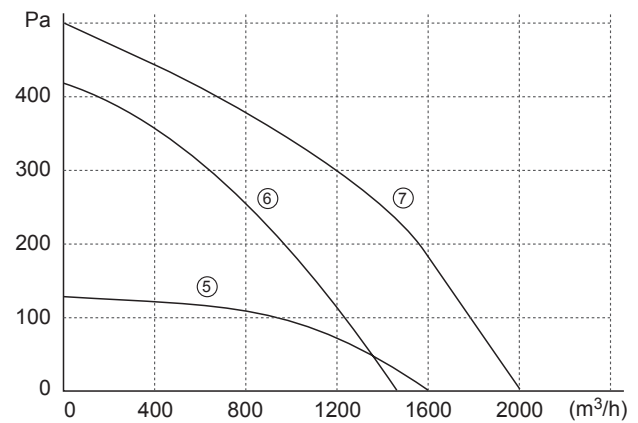
### AIRBOX 25



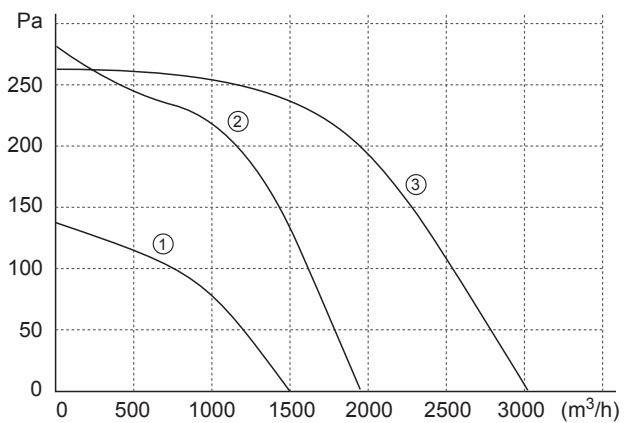
### AIRBOX 33



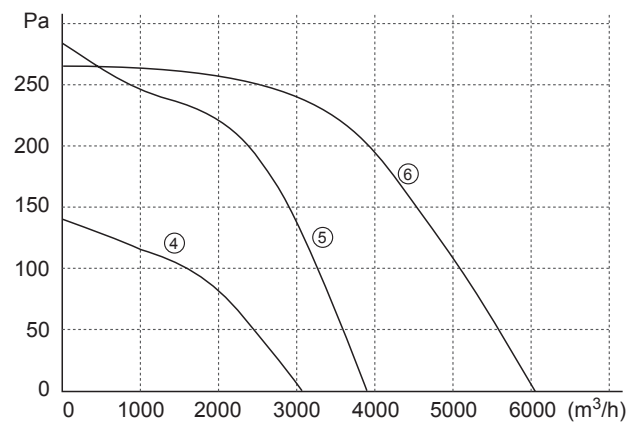
### AIRBOX 33/2

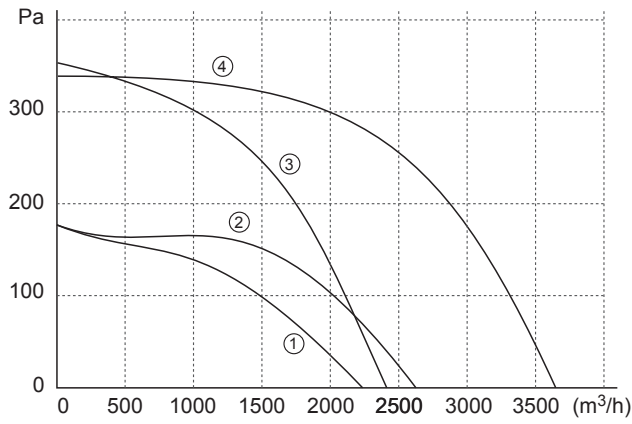
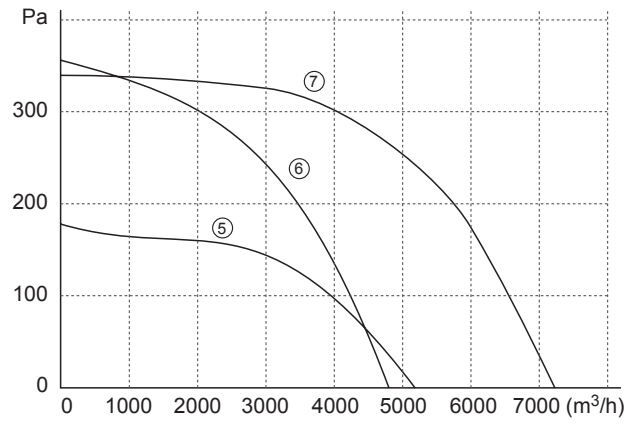
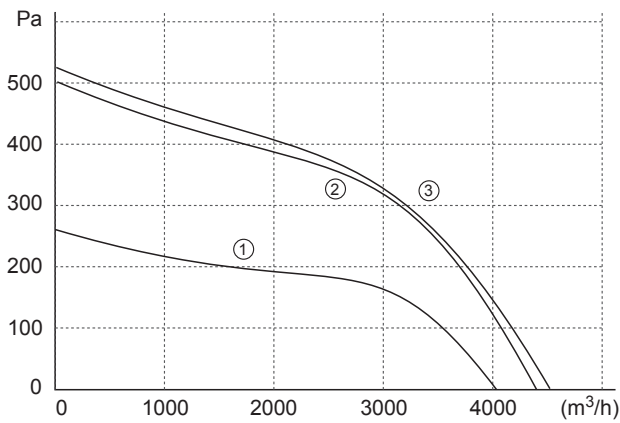
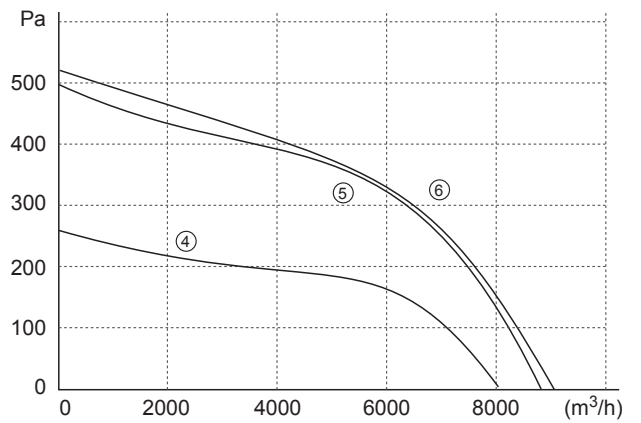
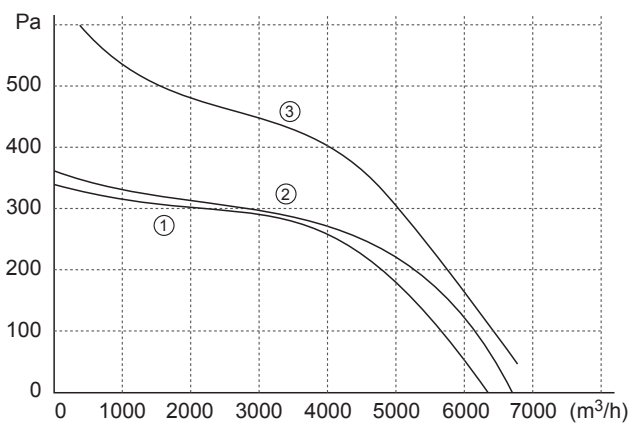
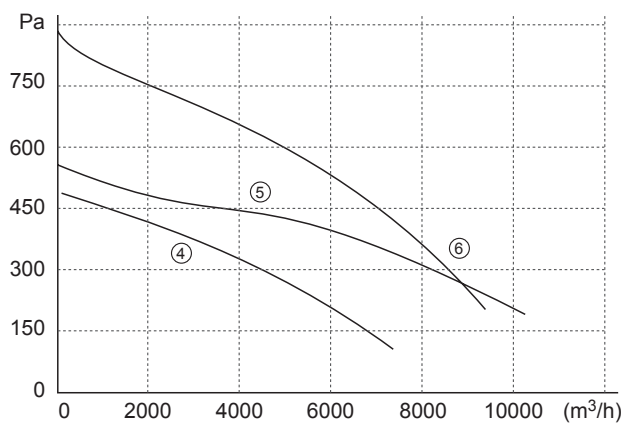


### AIRBOX 43

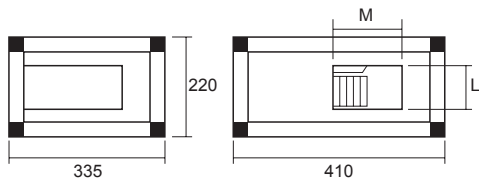


### AIRBOX 43/2

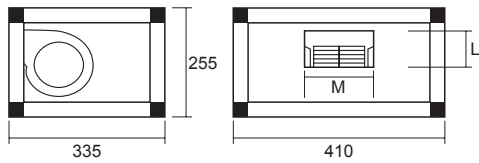


**AIRBOX 54**

**AIRBOX 54/2**

**AIRBOX 64**

**AIRBOX 64/2**

**AIRBOX 77**

**AIRBOX 97**


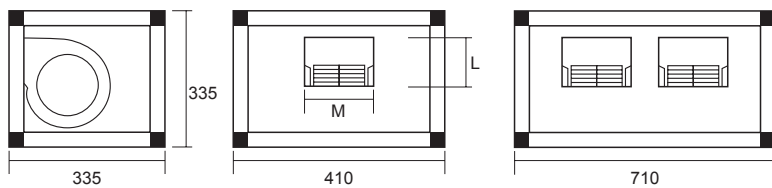
## Dimensions



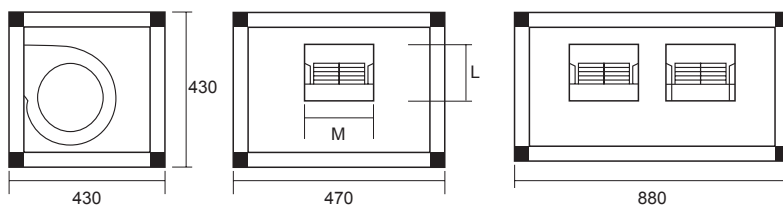
Airbox 22-...	
Airbox 22-1402	L x M = 98 x 98
Airbox 22-1602K	L x M = 98 x 98
Airbox 22-1602	L x M = 98 x 98



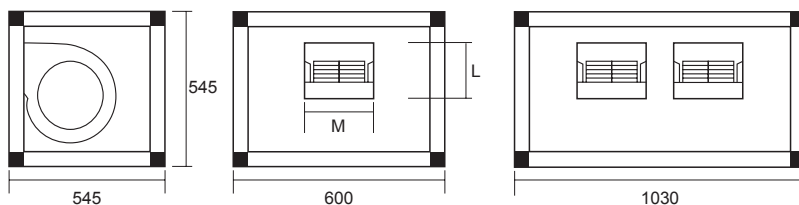
Airbox 25-...	
Airbox 25-1202	L x M = 69 x 146
Airbox 25-1334	L x M = 71 x 215
Airbox 25-1332	L x M = 71 x 215



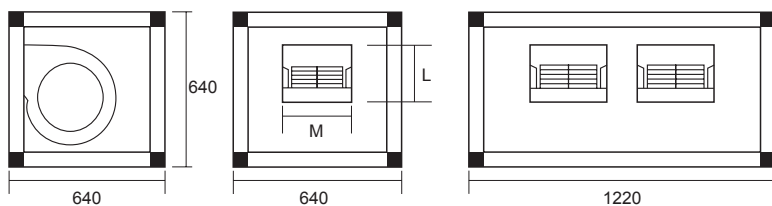
Airbox 33-... / Airbox 33/2-...	
Airbox 33-1334	L x M = 104 x 232
Airbox 33-1334L	L x M = 104 x 232
Airbox 33-1332	L x M = 104 x 232
Airbox 33-1463	L x M = 104 x 232
Airbox 33/2-1334L	L x M = 104 x 232
Airbox 33/2-1332	L x M = 104 x 232
Airbox 33/2-1462	L x M = 104 x 232



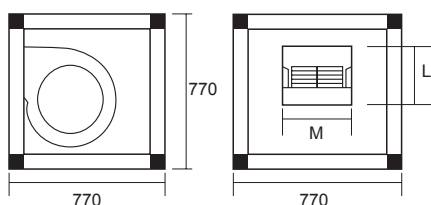
Airbox 43-... / Airbox 43/2-...	
Airbox 43-774	L x M = 208 x 230
Airbox 43-776	L x M = 208 x 230
Airbox 43-794	L x M = 208 x 299
Airbox 43/2-774	L x M = 208 x 230
Airbox 43/2-776	L x M = 208 x 230
Airbox 43/2-794	L x M = 208 x 299



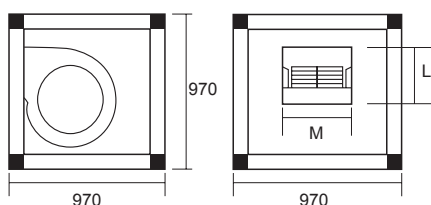
Airbox 54-... / Airbox 54/2-...	
Airbox 54-974	L x M = 261 x 230
Airbox 54-976	L x M = 261 x 230
Airbox 54-994	L x M = 261 x 299
Airbox 54-996	L x M = 261 x 299
Airbox 54/2-974	L x M = 261 x 230
Airbox 54/2-994	L x M = 261 x 299
Airbox 54/2-996	L x M = 261 x 299



Airbox 64-... / Airbox 64/2-...	
Airbox 64-104	L x M = 291 x 330
Airbox 64-106	L x M = 291 x 330
Airbox 64-104D	L x M = 291 x 330
Airbox 64/2-104	L x M = 291 x 330
Airbox 64/2-106	L x M = 291 x 330
Airbox 64/2-104D	L x M = 291 x 330

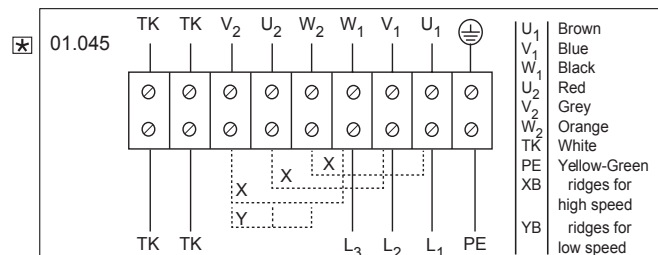
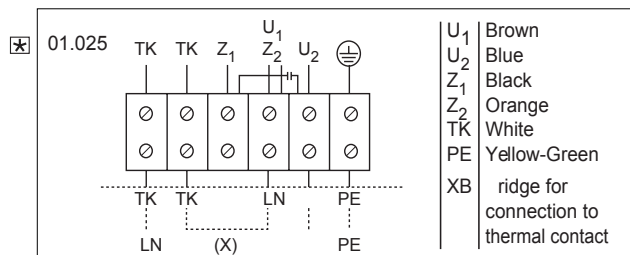
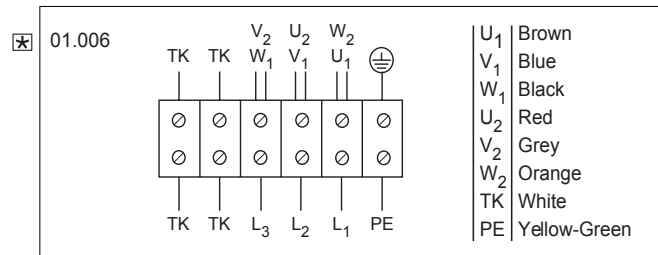
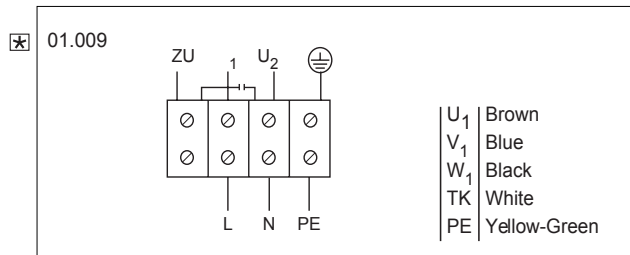


Airbox 77-...	
Airbox 77-126	L x M = 341 x 396
Airbox 77-126D	L x M = 341 x 396
Airbox 77-281/4D	L x M = 196 x 378



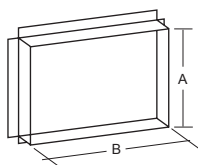
Airbox 97-...	
Airbox 97-156D	L x M = 403 x 473
Airbox 97-156/6D	L x M = 403 x 473
Airbox 97-316/4LD	L x M = 250 x 448

## Electrical Connections

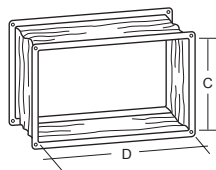


## Accessories

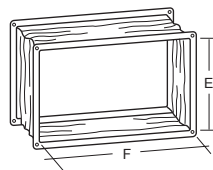
Outlet flange



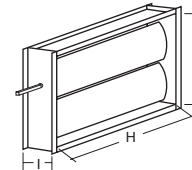
Inlet flexible gasket



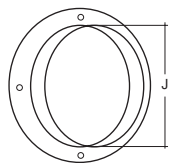
Outlet flexible gasket



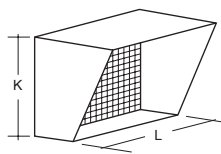
Control shutter



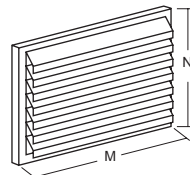
Circular flange



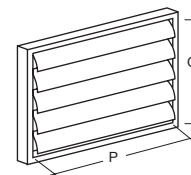
Protection visor



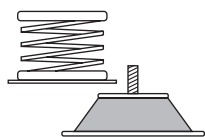
External air intake



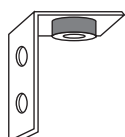
Shutter



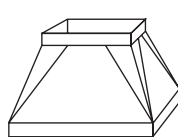
Size	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Airbox 22	98	98	125	315	125	315	105	295	120	150	125	315	125	315	150	150
Airbox 25	71	215	160	315	160	315	140	295	120	200	160	315	160	315	100	250
Airbox 33	104	232	240	300	240	315	200	295	120	250	240	315	240	315	150	250
Airbox 33/2	104	232	240	645	240	645	200	295	120	250	240	645	240	645	150	650
Airbox 43	208	299	335	335	250	350	315	315	120	315	335	335	335	335	300	350
Airbox 43/2	208	299	335	785	250	800	315	765	120	315	335	785	335	785	300	750
Airbox 54	261	299	450	450	300	350	430	430	120	315	335	335	450	450	350	350
Airbox 54/2	261	299	450	935	300	850	430	915	120	315	335	785	450	935	350	800
Airbox 64	291	330	545	545	300	350	525	525	120	350	335	335	545	545	400	400
Airbox 64/2	291	330	545	1125	300	900	525	1105	120	350	335	900	545	1125	400	900
Airbox 77	341	396	675	675	350	400	655	655	120	450	350	400	675	675	500	500
Airbox 97	403	473	875	875	450	500	855	855	120	500	450	500	675	675	500	500



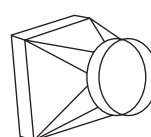
Floor silent-blocks



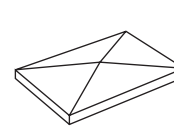
Ceiling silent-blocks



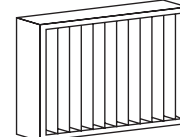
Rectangular hopper



Circular hopper



Roof



Roof filter Z-line EU3



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