



**Product**

BVIEC

**Application**

Civil applications

**Construction**

In galvanized sheet metal with panels lined with sound-absorbing material

**FEATURES**

The SILENT BOX series consists of carefully soundproofed ventilation box units. The range comprises 5 models with port diameters from 125 to 315 mm. The high thickness of the high-density sound-absorbing lining containing the fan, the minimal height of the plenum, the adjustable speed of the high-efficiency EC brushless motor, make the SILENT BOX EC indispensable in installations where compact dimensions or low noise levels are required.

**FAN**

Galvanized sheet metal containment housing with walls insulated with high-density sound-absorbing material, 50 mm thick. Circular duct connection ports. Openable panel for fan access. Centrifugal fan with backward curved blade impeller.

**MOTOR**

Single-phase EC brushless high-efficiency electric motor IP44 (IP54 mod.315) 100% adjustable with a potentiometer or 0-10V signal with thermal protection. External terminal box IP55.

**APPLICATIONS**

Ideal for extracting or supplying air through circular ducts in environments such as: public premises, offices, shops, bars, gyms, workshops, bathrooms, garages, restaurants.

## APPLICATIONS



**PUBLIC PREMISES**



**OFFICES**



**SHOPS**



**BAR**



**GYMS**



**LABORATORIES**



**BATHROOMS**



**WORKSHOPS**



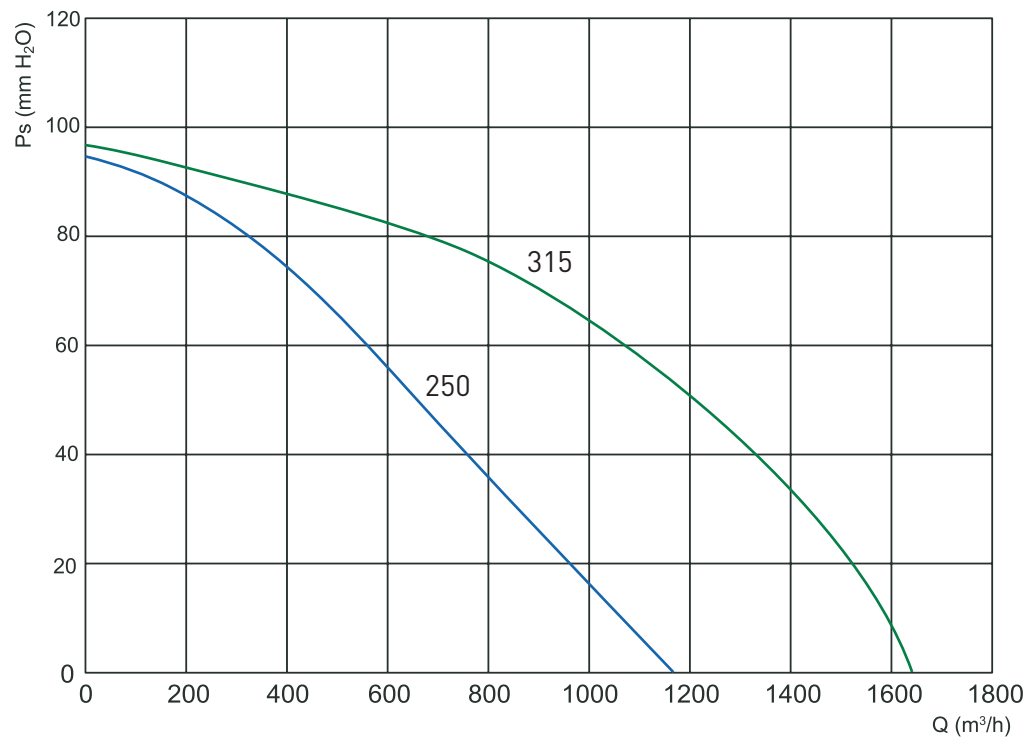
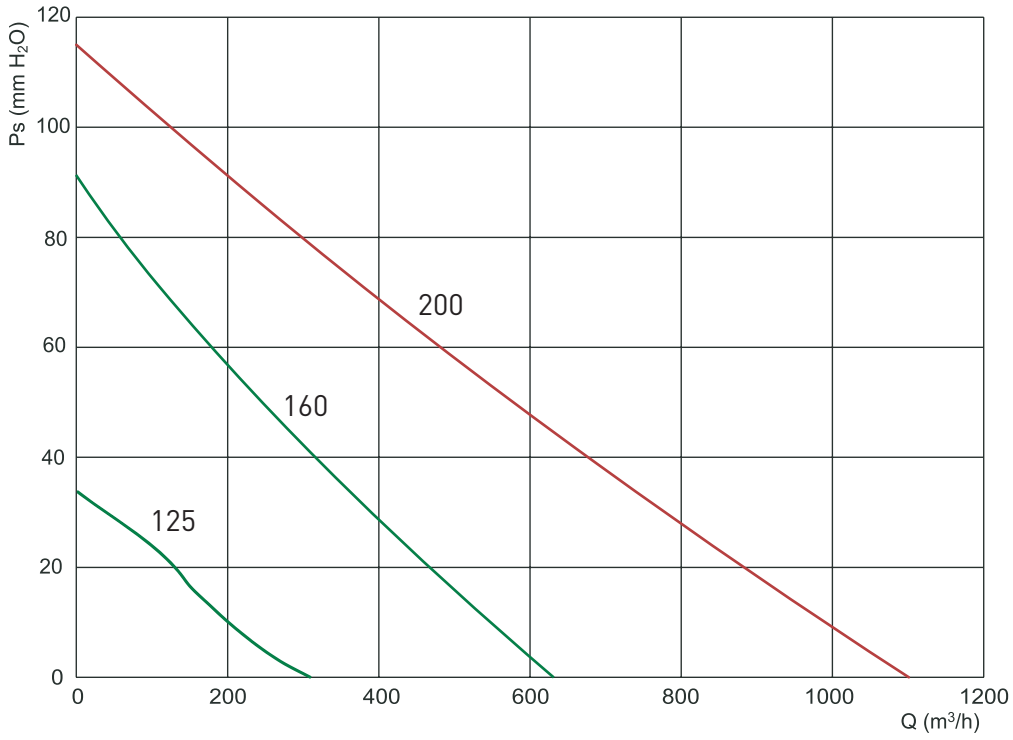
**RESTAURANTS**

## TECHNICAL CHARACTERISTICS

Ducted air	Clean
Air temperature	-20°C/+50°C
Supply voltage	single-phase 230V-1ph-50Hz
Speed controller	0-10V (SRC10)

## CHARACTERISTIC CURVES

### BVIEC





## QUICK SELECTION TABLE

Model	RPM	Pm (W)	In max (A)	Lp dB(A)
125 M	4480	53	0,4	47
160 M	3490	114	0,99	54
200 M	3380	195	1,45	58
250 M	3220	213	1,69	63
315 M	3400	400	3	65

Rpm= Rated motor speed

Pm= Motor power

In= Absorbed current

Lp=Sound pressure level in free field at 1 m from the fan with ducted openings.

## DIMENSIONS

Model	B mm	W mm	H mm	M mm	N mm	D mm	E mm	F mm	Kg
125 M	400	410	325	205	165,5	125	440	330	12,3
160 M	550	485	340	149	193	160	590	405	19
200 M	600	545	425	170	259,3	200	640	465	25
250 M	600	545	425	194	234,5	250	640	465	25
315 M	437	595	475	297,5	238	315	477	515	31

