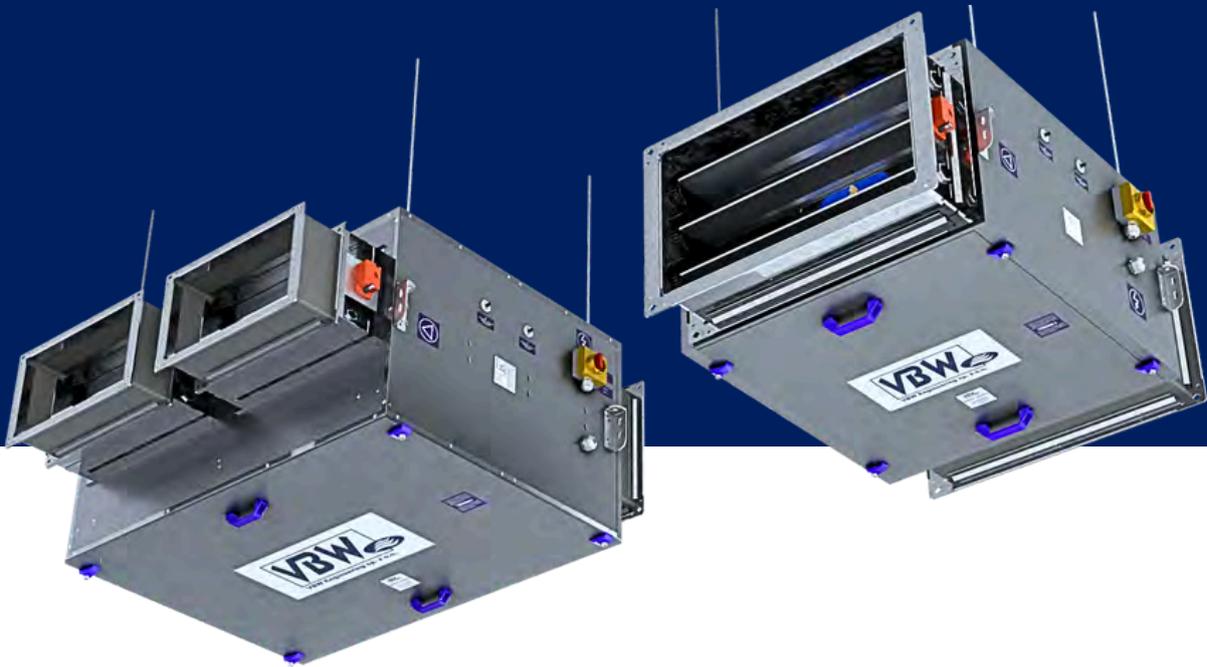


GARAGE UNITS

Exhaust air handling unit, prepared for cooperation with internal ventilation duct systems



GARAGE UNIT

Garage air handling units are designed for the ventilation of garages and underground car parks. They are used to remove air contaminated with carbon monoxide and all types of sulphur and lead compounds contained in car engine exhaust fumes. Garage air handling units are equipped with two equal-sized fan units. They allow for the removal of excessive exhaust fume concentration and maintaining the air at the appropriate level.

- **SPS-G**

This is a suspended device, made in a self-supporting construction, adapted for installation and operation inside buildings.

- **BO-G**

This is a standing device, made in a frame construction, adapted for installation and operation inside buildings.

- **BD-G**

This is a standing device, made in a frame construction, adapted for installation and operation outside buildings.



Models

SPS, BO, BD



Air flow [m³/h]

100 – 27 000



Compact
device



Dual
EC fan system



Internal
execution



**Self-supporting /
frame**
construction



Suspended
device



Automation
System
(option)

Basic information



Case

- The air handling unit is made in self-supporting technology without aluminum profiles (SPS) or frame construction (BO,BD)
- The external covers of the air handling unit are made of coated sheet Magnelis ZM310, the internal ones are made of galvanized sheet
- Internal execution
- 50mm device insulation
- Unit in suspended system
- Covers mounted using hinges and quick-release clamps
- In the BD model : Air outlets, roof and dampers placed inside the unit
- In the BD model: Air outlet attached directly to the air handling unit (made in the form of a shutter equipped with blades)
- Flexible connections at the inlet and outlet of the device.



Fans

- Highly efficient EC motors
- Engine operation in the optimal speed range
- Reduced heat generation



Heater

- Water heater
- Small dimensions in relation to heating power
- PTC electric heater (option)



Filters

- ISO Coarse>65% (G4)



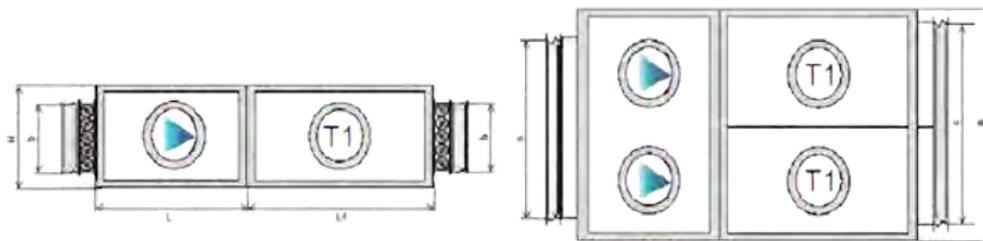
Automation (option)

- Power and control switchboard integrated with the device
- Device have the ability to "detach" the power supply and control switchboard from the unit and instal it in a location optimal for the customer
- Cooperation of the device with external elements



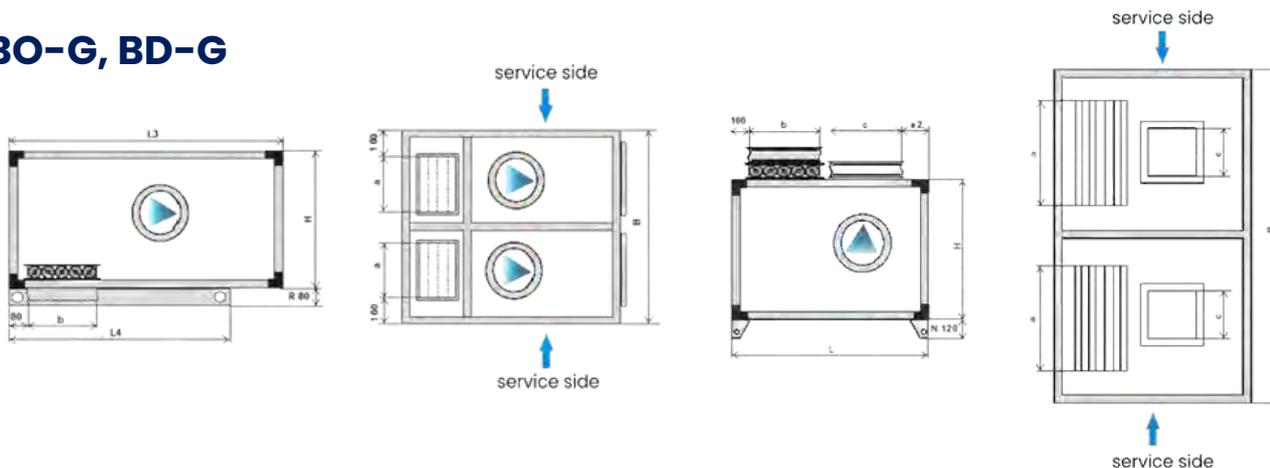
Technical data

SPS-G



Size			SPS-G	SPS-G-T1	SPS-G-2T1
Air flow	min.	[m³/h]		500	
	max.			6000	
Weight		[kg]	120	200	260
Dimensions	L	[mm]	720	1 720	2 420
	B	[mm]		1 090	
	H	[mm]		435	
Insulation thickness		[mm]		50	
Voltage		[V,Hz]		3~400, 50	
Filters	ISO Coarse>65% (G4)				

BO-G, BD-G



Size			BO/BD-G-1	BO/BD-G-2	BO/BD-G-3	BO/BD-G-4	BO/BD-G-5	BO/BD-G-6
Air flow	min.	[m³/h]	1 000	2 500	3 600	5 000	6 500	10 000
	max.		6 800	8 600	10 900	13 800	21 600	27 000
Weight		[kg]	240	310	340	490	690	820
Dimensions	L	[mm]	800	900	1 030	1 150	1 250	1 350
	B	[mm]	600	730	730	900	1 100	1 100
	H	[mm]	1 050	1 250	1 300	1 550	1 750	2 100
Insulation thickness		[mm]				50		
Voltage		[V,Hz]				3~400, 50		
Filters	ISO Coarse>65% (G4)							