



Central vacuum cleaner consisting of:

- one silenced SIEMENS turbine with three-phase side channel motor without transmission, secured on a metal frame;
- electronic inverter for continuous modulation of the frequency and the other motor parameters with electromagnetic shielding of type B (for applications within the private and the industrial sector);
- cyclonic dust separator in steel, painted with epoxy powder, secured on a metal frame, filter chamber equipped with industrial-conceived star filter made of special polyester cloth with high withholding properties, deflector for the mechanical-gravitational separation of dust, dirt receptacle on wheels with disposable plastic bags and cushioned fasteners, safety and compensation valves, arranged for pressure compensation system in the dust bag;
- automatic self-cleaning filter device through programmable shaking device;
- electric control box with IP55 safety degree, realized in accordance with CEI norms, with low-voltage (12 V) outlet and equipped with electric chart for linkage;
- Ø70 metal muffler for low noise level;
- connections for correct linkage to the piping network and all other parts and accessories for the professional setting of the system.

**No need of sequential starting devices or resistance**

## Included



Automatic self-cleaning filter device  
code IS92



Industrial Polyester filter Ø460 mm  
code ER17080



Zinc-coated muffler Ø70  
code IS10



Grill and pipe  
code IS05



Disposable plastic bag  
code IE601

### DS BC 100i

### code BC100i

Nominal motor power	Kw	3,30@50Hz
Electrical absorption max	Kw	5,88@86Hz
Electrical absorption min	Kw	2,24@34Hz
Voltage requirement	V	380-400
Suction power max	mbar 340	inch H <sub>2</sub> O 136"
Airflow max	m <sup>3</sup> /h 540	CFM 320
Airflow @ 140 mbar	m <sup>3</sup> /h 440	CFM@56" 258
Filter chamber capacity	l 160	gallons 42
Dirt receptacle capacity	l 100	gallons 26
Filter surface	cm <sup>2</sup> 16.500	sq. inch 2,577
Motor weight	kg 65	pound 143
Motor dimensions hxwx	cm 58x47,5x53	inch 22x18,7x20,8
Separator weight	kg 61,8	pound 130
Separator dimensions hxwx	cm 153x65x63	inch 60x25,5x25
Sound level	dB	68