

# BEAM *Commercial* Operation Manual



This appliance is suitable for commercial use, for example in hotels, schools, hospitals, factories, shops, offices, and rental businesses, etc.

**CAUTION:** This appliance is not suitable for picking up hazardous dust.  
Read these instructions manual before using this appliance.



**BEAM**  
Electrolux

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# IMPORTANT SAFEGUARDS

Read this manual carefully before starting operations of movement, unpacking, installation, use, maintenance and decommissioning of the BEAM *Commercial* central vacuum unit.

## WARNING

### To reduce the risk of fire, electric shock or injury:

- Vacuum units are for commercial use.
- Do not use the machine for inappropriate purposes.
- Do not suck up glowing embers, cigarette ends still lit, inflammable products or materials that could cause flames in the dust collection container, materials with a high risk of explosions or materials that individually are inert but that when mixed together may cause dangerous chemical reactions.
- It is prohibited to use vacuum units for unintended purposes in industrial facilities in the presence of values of temperatures, pressure and humidity in excess of those of normal workplaces.
- Do not suck up liquids, ashes in fireplaces, large quantities of flour, printer toner, building site dust, fine powder, cement or plaster, or hazardous dust.
- Do not suck up plaster, cement or rubble.
- Always disconnect the power supply at the electrical panel: during installation; if maintenance or repair operations are necessary; if the system is not to be used for a long period.
- Do not under any circumstances whatsoever work on the unit while it is operating.
- Wear protective gloves and a face mask for all maintenance work (emptying of dust container, cleaning or replacement of filter).
- Use only original spare parts.
- Do not use the vacuum unit without the filter.
- After all maintenance operations ensure that the filter has been replaced and correctly tightened.
- Do not obstruct air inlets or outlets.
- Keep fingers and hands away from nozzles of accessories and openings of the vacuum unit, and never direct the suction mouthpiece toward persons or animals.
- This system is designed to be installed by adequately trained and instructed personnel. Ask the installer carrying out the final system test to certify that the system has been correctly installed.
- In case of fire, do not attempt to extinguish it with water. Failure to observe this instruction may expose the operator to the risk of electric shock.

## SAVE THESE INSTRUCTIONS

# 1. GENERAL SAFETY INFORMATION

## 1.1. Purpose of this manual

This installation, use and maintenance manual are an integral and essential part of the BEAM *Commercial* Central Vacuum unit.

Its purpose is to provide all necessary information to allow the installer to install the system in full compliance with the manufacturer's specifications, the user to operate the system in the safest and most independent way, and maintenance technicians carrying out programmed maintenance operations to ensure the correct operation of machinery and the system as a whole.

The manufacturer declines all liability for damage deriving from failure to observe the instructions given in this manual. In case of doubts on the correct interpretation of instructions, contact your local distributor/dealer to receive the necessary explanations.

## 1.2. Composition of the manual and consultation details

This installation, use and maintenance manual are composed of chapters divided into sections, identified by a progressive numbering system at the start of each different topic. The table of contents lists the chapters and sections, allowing the desired topic to be easily found.

The descriptions and illustrations provided in this manual are not binding. BEAM Electrolux reserves the right to make any modifications it deems necessary at any moment, without any obligation for prior notification.

## 1.3. General safety precautions

The purpose of this information is to make persons interacting with the system aware of all possible conditions of danger, and thereby to avoid injuries either to themselves or to others.

### **Design for safety**

During the design and construction phase, the manufacturer dedicated particular attention to aspects that may cause risks for the safety or health of persons using the system.

In addition to complying with applicable laws, the manufacturer followed all rules for Good Manufacturing Practices.

Nevertheless, some parts of the system could cause risks that are not immediately evident. It is therefore advisable to take particular care during use of the system and during routine maintenance operations.

### **Safety during use**

Before starting to use the system in any way whatsoever, the instructions given in this manual supplied must be read carefully and completely, together with the indications provided directly on the system with safety warning symbols.

Do not tamper with, bypass or remove the safety devices installed on the system. Failure to observe these instructions may cause risks for the safety or health of persons.

### **Safety during maintenance**

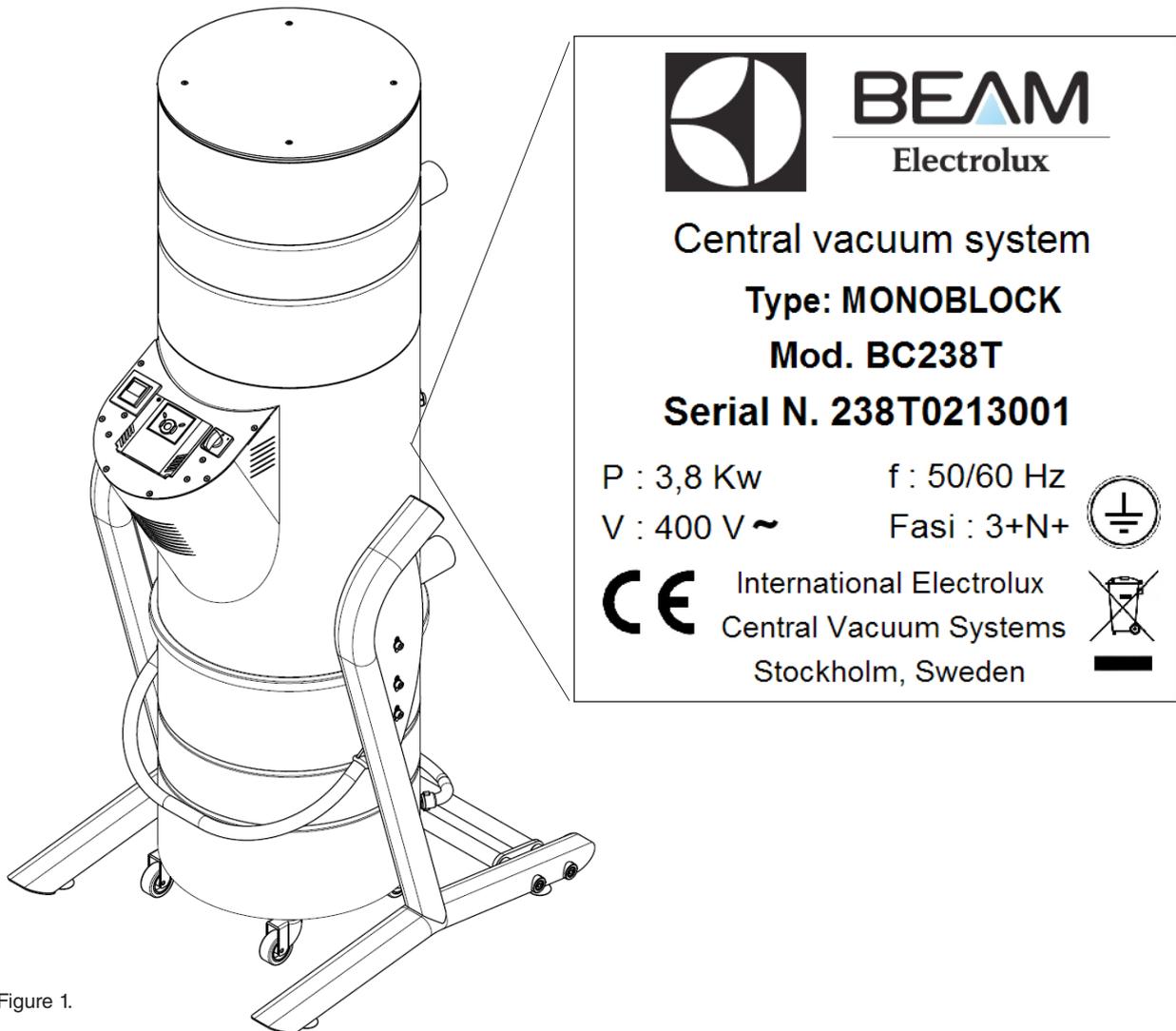
Personnel carrying out any kind of routine maintenance on the system during its entire lifespan must possess specific technical skills, special capacities and acquired experience recognized in the sector in question.

The absence of these requisites may cause risks for the safety or health of persons.

During normal use or during any kind of operations on the system, the safety distances around it must be maintained in order to avoid causing risks for the safety or health of persons. For some operations the help of one or more assistants may be necessary.

#### 1.4. Identification of the manufacturer

This BEAM *Commercial* central vacuum unit was designed and produced by BEAM Electrolux. For all requests regarding installation, use, maintenance or the supply of spare parts, customers are to contact the dealer or the distributor, the identification data for the unit can be found on the rating plate (Figure 1).



The rating plate is located on the right-hand side of the vacuum unit.

For all requests for technical assistance, in addition to details of the problem encountered, customers are asked to inform your local distributor/dealer of all system information given on the rating plate, as follows:

- model number
- serial number

For all requests regarding installation, use, maintenance or the supply of spare parts, contact your local distributor/dealer, the identification data for the unit can be found on the rating plates.

## 1.5. Technical documentation supplied

- Operation Manual for BEAM *Commercial* central vacuum units

## 1.6. Standard equipment supplied

The following are supplied as standard accessories:

- 2 fittings with fixing clamps for connecting the vacuum unit to the system
- 1 dust collection bag

## 1.7. Correct and improper uses

BEAM *Commercial* central vacuum units are designed and constructed solely to suck up dust of a domestic type into a central unit inside civil buildings.

The BEAM *Commercial* system must be used to suck up only dust and objects of small dimensions. For specific needs contact your local distributor/dealer. The manufacturer declines all and any liability for damage to the system or to other things and/or injuries to persons caused by improper use of the system.

**ATTENTION:** Uses other than those indicated are not permitted. No modifications or adaptations of the vacuum unit are permitted. Any use whatsoever other than the use for which the product has been designed represents improper use that may damage the vacuum unit and constitute a serious hazard for the user.

# 2. TECHNICAL CHARACTERISTICS

## 2.1. Description of the BEAM *Commercial* central vacuum unit

BEAM *Commercial* central vacuum units are designed and manufactured for the suction of dust both in residential buildings and in service sector premises, such as hotels, cinemas, theatres, games arcades, conference halls, offices, factories, etc.

BEAM *Commercial* central vacuum units use a suction turbine with an electric motor that generates suction pressure when switched on. The rotation speed of the suction turbine is controlled by an inverter. Depending on the suction pressure setting, the inverter controls the rotation frequency according to the suction pressure detected by a pressure transducer.

The air sucked in is channelled into the central section, where dust particles fall into a collection container. Finer particles are drawn towards the upper part of the separator, where they are trapped by the filter cartridge. The filtered air is then expelled towards the exterior through the outlet ducts of the turbine.

## 2.2. Standard models and approximate dimensions

Characteristics	BC126M	BC126A	BC238M	BC238A
Number of operators	1	1	2	2
Work area (m <sup>2</sup> )	up to 1500	up to 1500	up to 3000	up to 3000
Self-cleaning function	no	yes	no	yes
<b>Technical data – Dimensions</b>				
Container capacity (L)	90	90	90	90
Diameter (cm)	46	46	46	46
Filter surface (m <sup>2</sup> )	2	2	2	2
Inlet/outlet diameter (mm)	63	63	63	63
Height (cm)	177	177	177	177
Width (cm)	70	70	70	70
Depth (cm)	85	85	85	85
Weight (kg)	104	112	104	112

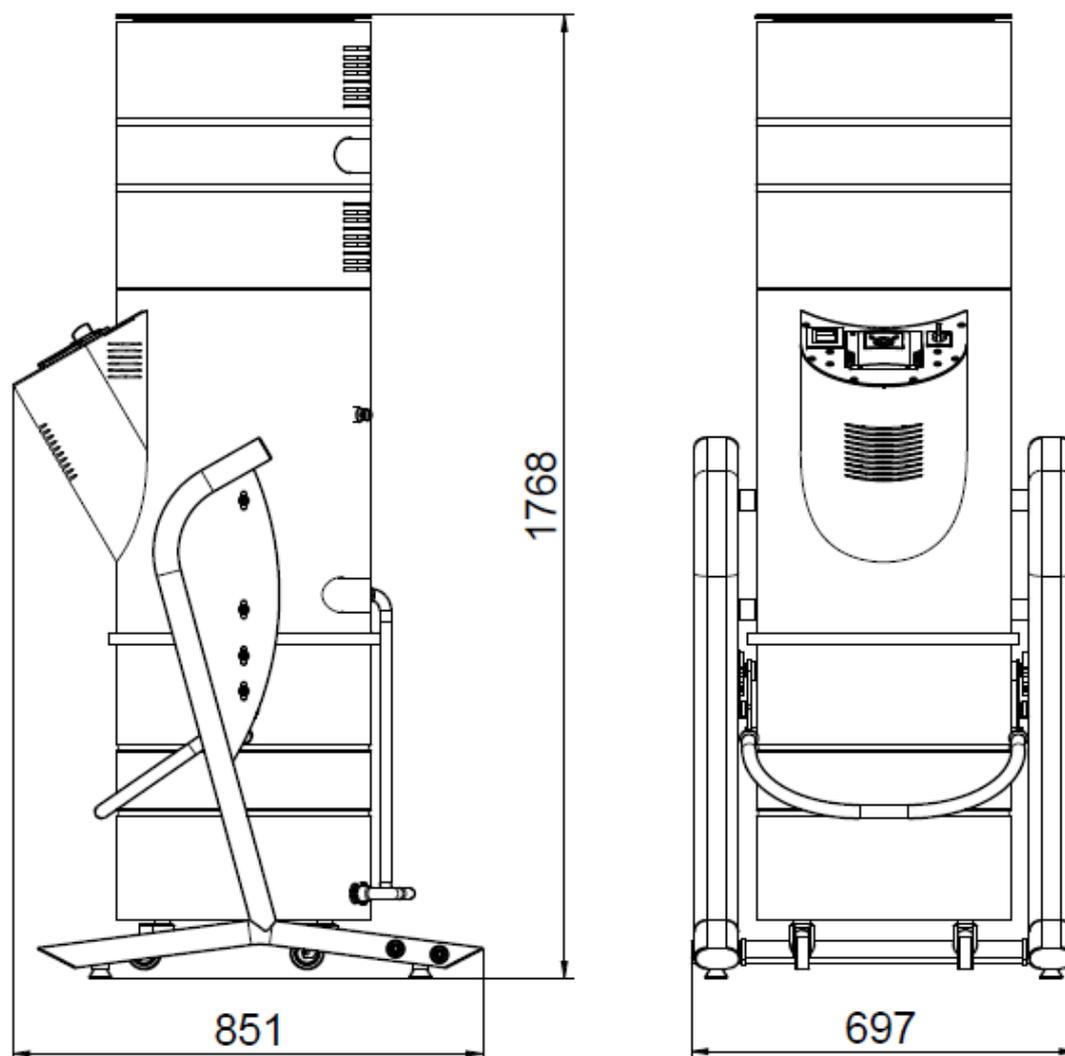


Figure 2.

## 2.3. Technical data and characteristics

Technical performance data	BC126M	BC126A	BC238M	BC238A
Maximum airflow (m <sup>3</sup> /h)	350	350	460	460
Airflow operating at 160 mBar (m <sup>3</sup> /h)	180	180	340	340
Operating suction pressure (mBar)	160	160	160	160
Noise emission (dBA)	63	63	68	68
Electrical technical data				
Motor power (kW)	2.6	2.6	3.8	3.8
Power supply voltage (V)	230	230	400	400
Power supply frequency (Hz)	50/60	50/60	50/60	50/60
Power absorbed (A)	6.7	6.7	9.7	9.7
Inverter	yes	yes	yes	yes
Maximum frequency (Hz)	70	70	86	86
Protection rating	IP20	IP20	IP20	IP20
Electrical insulation	Class 1	Class 1	Class 1	Class 1

**Electrical protection class** – Class 1 – Device with fundamental electrical insulation. Must be connected to the grounding circuit of the main electrical system.

**IP protection rating** – IP20 (Devices protected against solid bodies greater than 12 mm in diameter and not protected against the penetration of water).

A 0.3 A Class B safety cut-out breaker must be installed before the electrical panel.

Figure 3 gives a transparent view of the vacuum unit, allowing the main components to be seen.

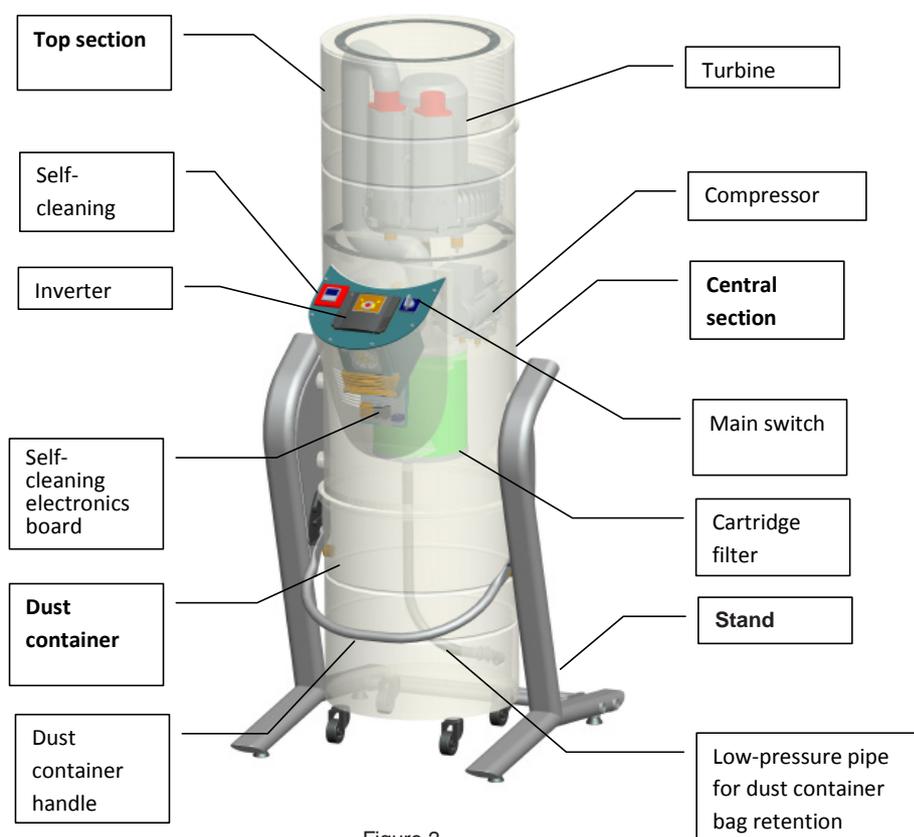


Figure 3.

## 2.4. Stand

The frame is the support structure of the BEAM *Commercial* vacuum unit. Its adjustable support feet allow the vacuum unit to be levelled even on irregular surfaces.

## 2.5. Dust container

The dust container has a collection capacity of 90 liters. The container has a dust collection bag for the disposal of dust. The level of dust in the dust container must be checked approximately every two months, depending on the conditions of use.

The handle is used to open the dust container, also making the cartridge filter accessible.

The dust container also has a low-pressure pipe that warrants the retention of the dust collection bag.

## 2.6. Central section

The central section contains the main control components of the BEAM *Commercial* central vacuum unit, as follows:

- Electrical control panel
  - Inverter
  - Main switch
  - Self-cleaning timer (BC126A and BC238A)
  - Electronics board for control of the filter self-cleaning function (BC126A and BC238A)
- Cartridge filter
- Pressure transducer for regulation of the operating suction pressure
- Compressor for filter self-cleaning function (BC126A and BC238A)
- Compressed air tank for filter self-cleaning function (BC126A and BC238A)
- Solenoid valve for filter self-cleaning function (BC126A and BC238A)
- Suction inlet pipe Ø63 mm

## 2.7. Top section

The top section contains the turbine, and is soundproofed to make operation of the BEAM *Commercial* central vacuum unit as silent as possible. The top section is fitted with a Ø63 mm air exhaust pipe.

## 2.8. Safety and hazard stickers

Figure 4 on the following page shows the points where stickers with recommendations, hazard warnings and prohibitions are applied, helping to make the BEAM *Commercial* central vacuum unit safer to use.

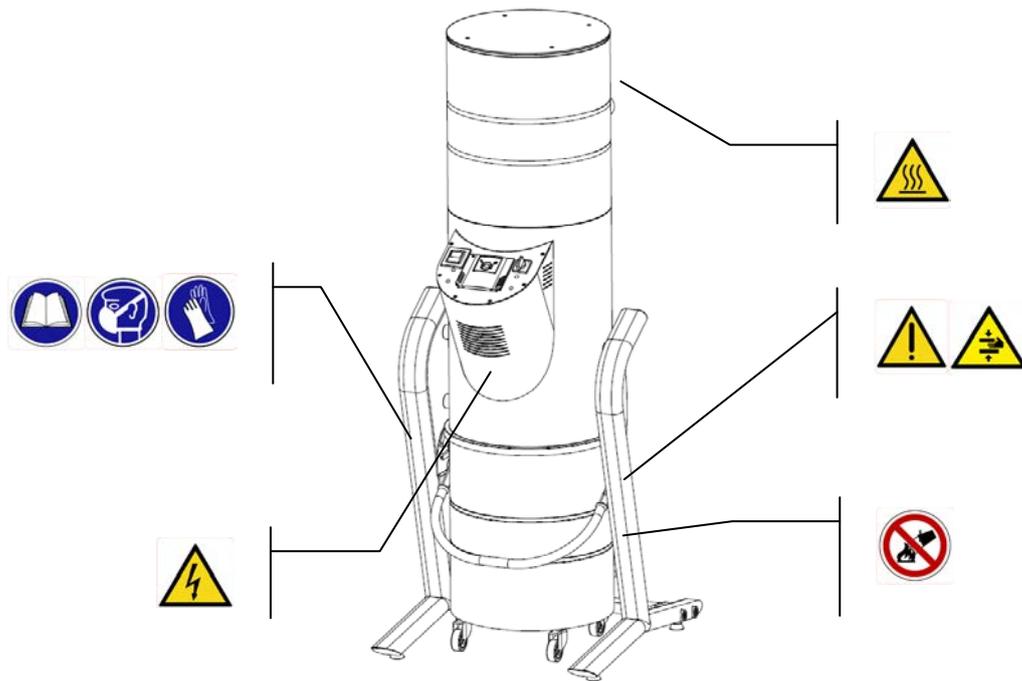


Figure 4.

### 3. MOVEMENT AND UNPACKING

The BEAM *Commercial* central vacuum unit is shipped fixed to a europallet inside a cardboard carton to protect it during transport and delivery.

It is advisable not to remove the packaging until the moment of installation, to avoid possible damage.

Upon delivery check that the shipment is correct without any damages.

In case of any missing parts and/or damages proceed as follows:

- Note the type of damage on the transport document (transporter's copy);
- Send the transporter a registered letter requesting compensation for the damage within two days;
- Contact the distributor for any necessary replacement parts.

#### ATTENTION:

- Suitable lifting equipment must be used when moving the vacuum unit and particular care must be taken to correctly balance loads.
- The support surface must not have a slope of more than 8%, to avoid the risk of overturning due to loss of stability.
- During movement operations use appropriate items of personal protection equipment.
- Failure to use appropriate items of personal protection equipment during movement and unpacking may expose the operator to the risk of crushing of the feet due to loss of stability.
- Wear safety gloves for a safe grip during movement.

#### CAUTION:

- Keep the vacuum unit right-side up at all times.
- Do not use box cutters to remove packaging materials.
- The manufacturer declines all and any liability for damage caused by the incorrect unpacking of materials.

## 4. INSTALLATION

This system is designed to be installed by adequately trained and instructed personnel. The entire system must be installed by qualified personnel in full compliance with standards of workmanship and with applicable standards and regulations.

### **ATTENTION:**

During installation operations use appropriate items of personal protection equipment.

### 4.1. Choice of installation position for the main vacuum unit

The choice of installation position must be based on these criteria:

- The BEAM *Commercial* vacuum unit must be installed indoors in well-ventilated rooms, preferably in a service room on the lowest floor of the building, like a garage or technical utilities room, or in external locations, provided that the vacuum unit is always protected against bad weather.
- The selected position must have a clear and well-lit space around the main vacuum unit, so as to facilitate maintenance and repair operations.
- The main vacuum unit must not be installed in rooms where:
  - there is a source of heat in the immediate vicinity
  - ambient temperature can reach values lower than 5°C and above 35°C
  - humidity is very high or flooding may occur
  - flammable or explosive products are present
- The installation position must permit the fitting of air exhaust pipes no longer than five metres with Ø63 mm pipes. After this distance, Ø80 mm pipes must be used.

### 4.2. Installation of the BEAM *Commercial* central vacuum unit

This unit has been designed for easy and convenient installation.

The vacuum unit must be positioned respecting the clearance distances indicated in Figure 5. There must be a space of 5 cm on each side of the vacuum unit, and a space of 25 cm to the rear.

In these installation conditions, the suction inlet is 70 cm above floor level and 25 cm from the rear wall. The air exhaust outlet is 150 cm above the floor and also 25 cm from the rear wall.

The BEAM *Commercial* vacuum unit must now be connected to the suction pipes of the system and to the air exhaust pipe, using the rubber hoses with metallic fixing clamps provided.

### **IMPORTANT:**

- For the air exhaust pipe, the first five metres must consist in Ø63 mm pipes. After the first five metres, pipe diameter must be increased to Ø80 mm.

### 4.3. Electrical connections

Complete installation without connecting the vacuum unit to the mains electrical system.

After connecting the air pipes, the main electrical power supply must be connected to the machine, using a single-phase 230 V supply for models BC126A and BC126M and a triple-phase 400 V supply for models BC238A and BC238M.

To complete installation, connect the low-volt wires.

The power supply cord and the low-volt wires are connected to the vacuum unit from the rear (Figure 5).

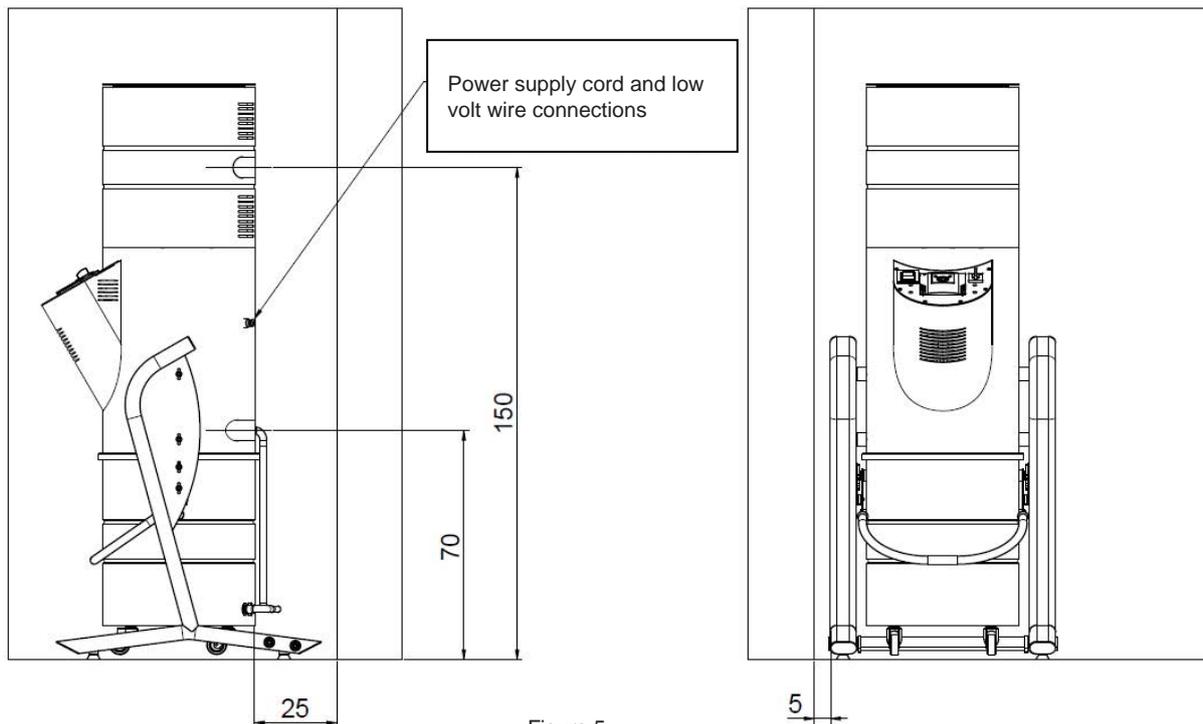


Figure 5.

**Electrical protection class** – Class 1 – Device with fundamental electrical insulation. Must be connected to the grounding circuit of the main electrical system.

A 0.3 A Class B safety cut-out breaker must be installed before the electrical panel.

## 5. USE AND OPERATION

The completed system must be started for the first time only by an authorized technician.

### 5.1. Switching on first time

After the safety and correct operation of the system have been checked, it is essential to ensure that all persons who will be involved in operation of the system are suitably trained and made aware of all the information provided in this manual. In particular, they must be informed of the risks involved in operation of the system and of the precautions to be taken to reduce risks during operation to a minimum.

### 5.2. Operation instructions

#### Switching on

- move the main switch on the control panel to position 1 (Figure 3);
- insert the flexible hose into an inlet valve, and switch on the system on the hose handle.

#### Switching off

- switch the system off on the hose handle, and remove the flexible hose from the inlet valve.

**NOTE:** It is advisable to keep the power supply to the vacuum unit turned on, allowing it to be restarted for subsequent uses. If instead the system will not be used for a long period of time, it is recommended to move the main switch on the control panel to the 0 position.

### 5.3. Final system test

After the industrial vacuum unit has been started for the first time, the system can be checked. It must have no leaks.

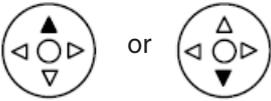
To check that the system has no leaks, first inspect the suction points (with the turbine operating) and check that they are airtight with the cover closed.

Finally check the airtightness of the vacuum pipes, using a VACUUM METER to measure the low-pressure value at one suction point on every operation line of the system, and comparing the value obtained with the values measured on the vacuum unit when this is disconnected from the system.

### 5.4. Operation of the inverter on the control panel

On BEAM *Commercial* central vacuum units, the inverter controls operation of the suction turbine. A transducer that measures operating suction pressure is connected to the inverter. Using the signals received, the inverter maintains the pre-set operating parameters constant, increasing or reducing the rotation frequency of the turbine as the conditions of use vary or according to the number of suction hoses connected.

For BC238M and BC238A vacuum unit models, the operating suction pressure can be pre-set from a maximum of 250 mBar H<sub>2</sub>O to a minimum of 130 mBar H<sub>2</sub>O as follows:

- 
Double-click to move to the REF menu.
- 
Use the central button to enter the REF menu.
- 
Scroll through the numerical values with the left or right buttons.
- 
Increase or decrease the values with the up/down buttons.
- 
Confirm the value set with the central button.
- 
Press the up button twice to return to the main display.

All operating parameters are optimized by the manufacturer, and the suction pressure is pre-set to -160 mBar H<sub>2</sub>O.

## 5.5. Operation of the self-cleaning system

Models BC126A and BC238A have a self-cleaning system for the filter that can operate at intervals programmable according to requirements, limiting maintenance to the replacement of the collection bag.

A timer controls for frequency of daily cleaning of the filter (Figure 3).

Operation of the device is triggered by a compressor that feeds a pressure tank with a capacity of three liters of air up to a predetermined pressure of 5 bar. At this point an instantaneous air jet is channelled into the filter through a nozzle. This allows the filter to be kept clean for a longer period.

The filter cleaning parameters pre-set by the manufacturer are as follows:

- 1 daily filter cleaning cycle
- Duration of cleaning cycle 3 minutes
- Start of cleaning cycle at 5 AM

The start time, duration and number of filter cleaning cycles can be varied by changing the timer settings. The date and time of the timer can also be regulated.

**IMPORTANT:** During the self-cleaning cycle do not open the dust collector container, and after the end of the cycle wait at least one minute before opening it

**Make annual inspections on the filter to ensure that it is undamaged and to check if it needs washing (if washed, the filter must be dry before being replaced).**

## 6. MAINTENANCE

### 6.1. Routine maintenance

Accurate maintenance extends the operational life of the system and ensures constant performance over time, helping to prevent problems due to unexpected system stop.

**ATTENTION:** Before proceeding with maintenance operations of any kind whatsoever, unplug the system from the electrical power supply. Failure to comply with this instruction may expose the operator to the risk of electric shock.

The intervals between periodic maintenance operations may vary according to the type of use.

Periodic operations	Normal frequency
Check filling level of the dust collector bag in the dust container	Every month
Check filter cartridge for possible clogging	Every month
Cleaning of filter cartridge (models without self-cleaning)	Max. every 2 months
Cleaning of filter cartridge (models with self-cleaning)	Every year
Replacement of filter cartridge	2 years

## 6.2. Replacement of dust collection bag

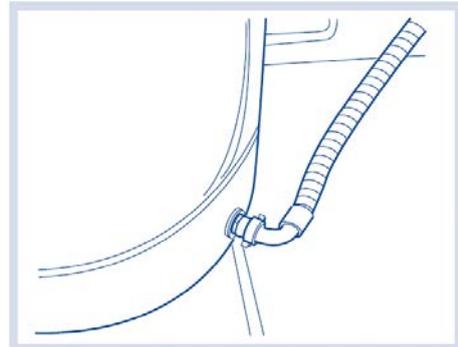
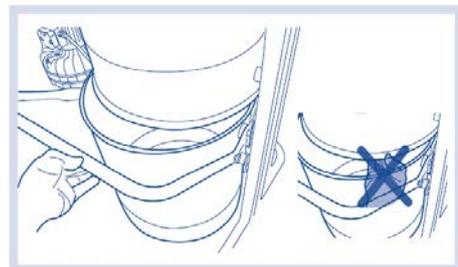
The dust collection bag inside the separator must be replaced at periodic intervals, as indicated in the “Periodic operations” chart on the previous page.

### CAUTION:

- Before proceeding with replacement operations, a protective mask and gloves must be used.
- Use only original spare bags by BEAM Electrolux.
- Failure to use these items of personal protection equipment may expose the operator to the risk of inhalation of dust that is harmful to health, or of the contact of allergenic substances with the skin.
- Before proceeding with replacement operations, the power supply cable must be unplugged. Failure to comply with this instruction may expose the operator to the risk of accidental system starting.
- While the dust container is being hooked up, there is the risk of cutting injuries to the fingers.
- After completing any maintenance operation, remember that the vacuum unit must not be restarted before the filter cartridge is mounted correctly.

The replacement procedure for the dust collection bag is as follows:

1. Unhook the lower module of the separator by raising the handle.
2. Extract the lower module of the separator by allowing it to slide on its wheels with the assistance of the handle provided.
3. Extract the dust collection bag and replace it with a new one.
4. Fold the edges of the bag towards the exterior.
5. Hook up the dust container again to the separator. If it is necessary to move the dust container away from the separator to empty the dust collection bag, the depression pipe keeping the bag in the correct position must be disconnected.



## 6.3. Replacement of the filter cartridge (filter)

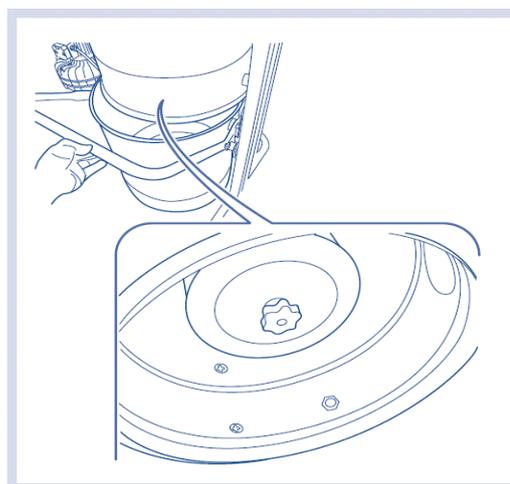
The filter cartridge must be checked and if necessary replaced when a progressive reduction of the suction power of the system is noted. Replacement is always necessary after two years of use.

### CAUTION:

- Before proceeding with replacement operations, a protective mask and gloves must be put on.
- Use only original spare bags by BEAM Electrolux.
- Failure to use these items of personal protection equipment may expose the operator to the risk of inhalation of dust that is harmful to health, or of the contact of allergenic substances with the skin.
- Before proceeding with replacement operations, the power supply cable must be disconnected. Failure to comply with this instruction may expose the operator to the risk of accidental system starting.
- While the dust container is being hooked up, there is the risk of cutting injuries to the fingers.
- After completing any kind of maintenance operation, remember the suction unit must not be restarted without first having inserted the filter cartridge inside the separator.

The replacement procedure for the filter cartridge is as follows:

1. Unhook the lower module of the separator by raising the handle.
2. Extract the lower module of the separator by allowing it to slide on its wheels with the assistance of the handle provided.
3. Unscrew the black knob holding the filter cartridge in position.
4. Extract the filter cartridge.
5. Replace the filter cartridge and repeat the above operations in the reverse order.



#### 6.4. Cleaning of the filter cartridge (filter)

The filter cartridge should be cleaned/changed at the scheduled intervals (see section 6.1).

##### CAUTION:

- Before proceeding with replacement operations, a protective mask and gloves must be put on.
- Use only original spare bags by BEAM Electrolux.
- Failure to use these items of personal protection equipment may expose the operator to the risk of inhalation of dust that is harmful to health, or of the contact of allergenic substances with the skin.
- Before proceeding with replacement operations, the power supply cable must be disconnected. Failure to comply with this instruction may expose the operator to the risk of accidental system starting.
- While the dust container is being hooked up, there is the risk of cutting injuries to the fingers.

Dismount the filter cartridge to be cleaned/changed (see details of this operation in previous section), and if a replacement cartridge is available, use it to replace the cartridge to be cleaned. Clean the dirty cartridge with the vacuum unit, using the brush accessory for corners, taking care to avoid damage to the filter fabric. As an alternative, the filter can be washed with water.

If the filter fabric is damaged during cleaning operations, it is essential to replace the cartridge with a new one.

Use the filter cartridge only when it is completely dry.

After completing any kind of maintenance operation, remember the suction unit must not be restarted before the filter cartridge is mounted correctly.

#### 6.5. Non-routine maintenance

The manufacturer does not authorize the user of the system to carry out any operations of non-routine maintenance whatsoever. Contact your local distributor/dealer in case of exceptional events such as:

- Electronics programming
- Breakages
- Overhauls
- Operating cycle modifications

Periodic operations	Normal frequency
Separator maintenance	Every year
Turbine maintenance	Every year
Inverter maintenance	Every year
Maintenance of self-cleaning compressor	Every year

## 7. PROBLEMS, CAUSES AND REMEDIES

Problem	Cause	Remedy
No suction power from any of the suction points	Power supply cable disconnected	Connect the power supply cable
	Clogged filter	Replace or clean the filter cartridge
Uninterrupted succession of starts and stops	Check for the possible presence of defective suction points	Replace defective inlet valve
Failure of vacuum unit to start with only one suction point in use	Electrical contacts defective	Check electrical contacts on inlet valve and replace if necessary
Low or inadequate suction power	Clogged filter	Replace or clean the filter cartridge
	Simultaneous use of a greater number of inlet valves than recommended	Check the number of inlet valve used
	Partial blockage of suction pipes	Remove any blockage of the pipes
	Air infiltration	Check correct tightening of the dust container
	Air outlet blocked	Remove any blockage in the air outlet
Self-cleaning system does not operate	Clock does not work	Contact the Assistance Centre
	Lack of pressure	Contact the Assistance Centre

If the problems encountered are not described in this manual, contact your local distributor/dealer. All repair operations for defects or malfunctions must be carried out only by qualified personnel.

If repairs or other operations are carried out by unauthorized personnel, the warranty on the product will become void, also releases the manufacturer from all and any liability in case of injuries and/or damage deriving from any such operations.

### **IMPORTANT:**

If the BEAM *Commercial* central vacuum unit still operates incorrectly:

- CONTACT YOUR DISTRIBUTOR OR LOCAL DEALER - GIVE THE MODEL NUMBER AND SERIAL NUMBER (see figure 1)
- It is absolutely forbidden to carry out repairs and/or maintenance on the BEAM *Commercial* vacuum unit that are not authorized by this manual.

## 8. END OF SERVICE AND DECOMMISSIONING

When the device has terminated its cycle of use and must be decommissioned, follow these instructions to protect the environment:



The presence of this symbol on the product or on the pack indicates that the product must not be treated as normal household refuse, but must be taken to a suitable collection centre for the recycling of electrical and electronic devices.

By disposing of this product correctly, you will help to avoid potentially harmful effects for the environment and for health that might be caused by disposing of it incorrectly.

For more detailed information on recycling procedures for this product, contact your local authority, your local waste disposal agency or the dealer from which the product was purchased.

### CAUTION:

- Before proceeding with decommissioning and dismantling operations of any kind whatsoever, unplug the system from the electrical power supply line.
- Failure to comply with this instruction may expose the operator to the risk of accidental starting or of electric shock.
- During decommissioning operations, the appropriate items of personal protection equipment must be used.
- Failure to use appropriate items of personal protection equipment during decommissioning and dismantling operations may expose the operator to the risk of crushing of the feet due to loss of stability.
- Failure to wear safety gloves prevents a safe grip during disposal operations, with the risk of accidental falls.
- During disposal and unpacking operations, the risk of crushing injuries may be present due to the loss of stability or falling of the machine.

Dismantling operations must be carried out only by qualified personnel.

Industrial wastes must normally be disposed of by companies accredited for their disposal. If the machine is out of service due to malfunctions, repairs or failure to operate safely, it is advisable to warn of this with a notice.

## 9. INFORMATION TO BE KEPT

### PRODUCT DATA

Model: \_\_\_\_\_ Serial no.: \_\_\_\_\_

Date of purchase: \_\_\_\_\_

### INSTALLER DATA

Company: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Rubber  
Stamp:



**For additional product information  
visit [www.beamcommercial.com](http://www.beamcommercial.com)**

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