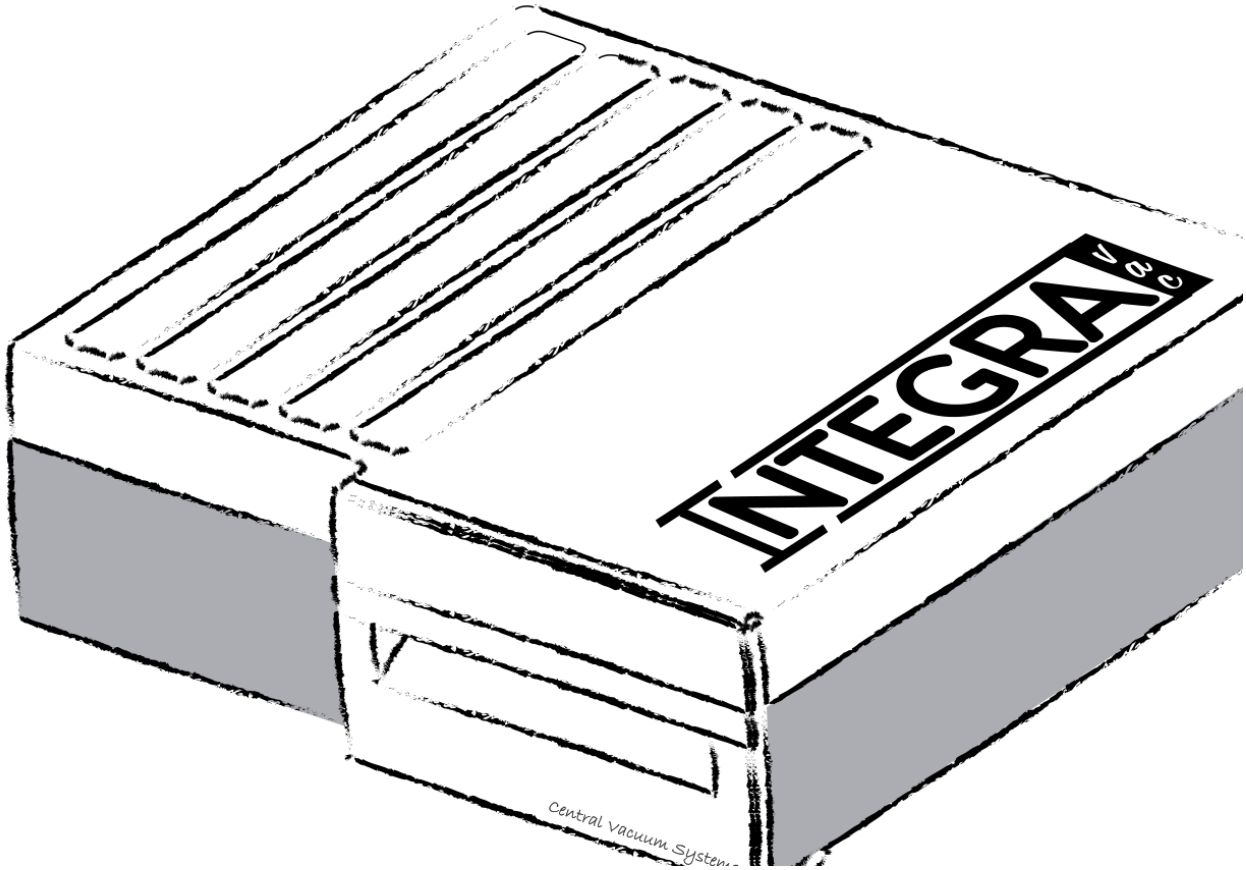
Compact central vacuum system

USER GUIDE

Installation • Operation • Cleaning • Maintenance



For installation beneath kitchen cabinets, inside a cabinet or on a wall.

Read this manual before using the system and keep it for future reference.

Prepared in English by ProVac Solutions Ltd from the Spanish INTEGRA VAC user guide supplied via SACH. The manufacturer’s product identity and technical drawings are retained. This is not a manufacturer-issued English edition. Clearly marked editorial notes are additions to the source.

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1. Introduction

Thank you for choosing INTEGRA VAC. This guide explains how to operate and maintain the central vacuum unit to obtain the best performance. It forms part of the equipment documentation and should be read carefully before the system is first used.

The INTEGRA VAC model is designed for locations with limited space, including beneath a kitchen cabinet, inside a cabinet or mounted on a wall.

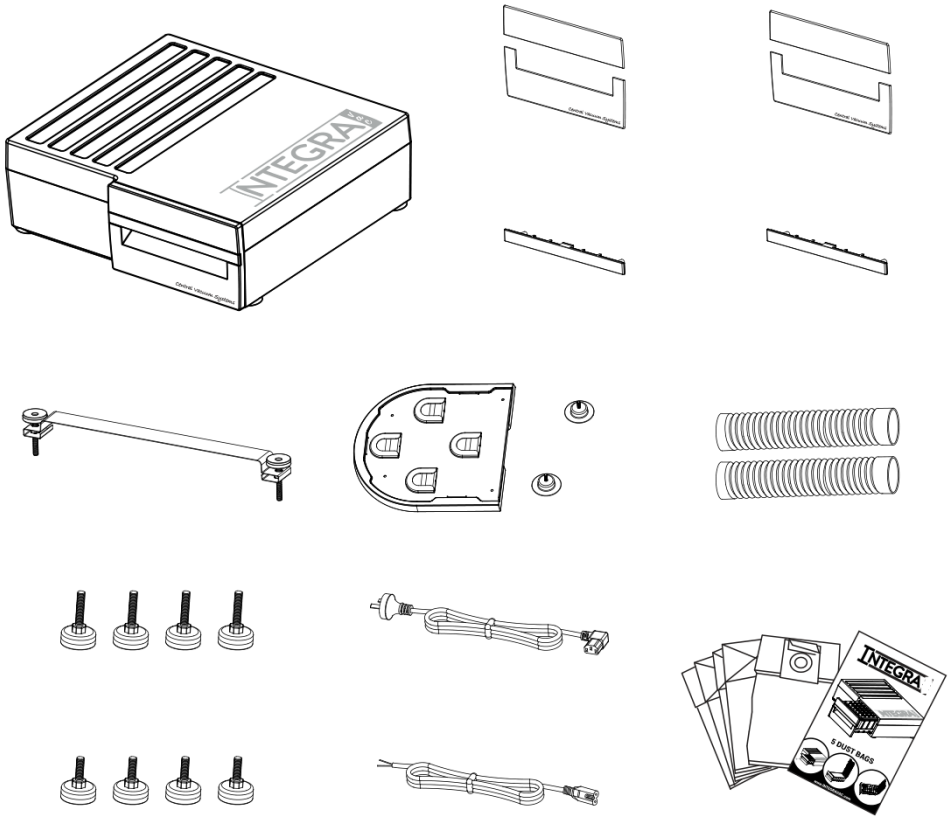
The manufacturer reserves the right to change model specifications at any time. Its original manual states that reproduction of its instructions and specifications requires written permission.

Parts and accessories can wear or become damaged during use. Identify the relevant replacement part and obtain it from an authorised agent or the manufacturer. Pay particular attention to all warnings and advice in this guide.

About this English edition

Technical figures and installation dimensions follow the supplied Spanish manual. Historical compliance statements are identified on page 5. Editorial safety notes do not replace the manufacturer’s instructions or a competent installer’s assessment.

Package contents



1 × INTEGRA central vacuum unit.

2 × dust drawer front trim frames: one white and one steel finish.

2 × drawer handles: one chrome finish and one white.

1 × under-cabinet mounting bracket.

1 × wall mounting bracket with 2 supports.

2 × flexible pipe sections, Ø50 mm × 40 cm, for suction and exhaust connections.

4 × long adjustable feet for wall installation.

4 × short adjustable feet for installation beneath kitchen cabinets.

1 × mains power cable; 1 × low-voltage control connection cable.

1 × set of 5 replacement dust bags.

2. Safety warnings

1. Check that the voltage on the appliance rating label matches the electricity supply.

2. For indoor use only. Never use the appliance outdoors.

3. Children may mistake the appliance for a toy. Never allow children to use it.

4. Never vacuum burning or smoking material, including cigarettes, matches or hot embers. Take particular care with fireplace ash, even if it appears extinguished: fast-moving air in the pipework may reignite a spark.

5. Never vacuum liquids through an inlet unless a suitable liquid separator is used.

6. Never operate the appliance in the presence of strong detergents, perfume, petrol, solvents or other caustic gases or liquids that could cause a fire.

7. Never vacuum objects that could damage the hose, such as small toys or needles.

8. Never vacuum sharp or pointed objects, such as hairpins or toothpicks.

9. Do not vacuum food waste such as vegetable leaves or fish bones, or other waste such as paper, rags, wipes or metal objects.

10. Never place heavy or sharp objects on the flexible hose.

11. Never operate the central vacuum unit without its filters fitted.

12. Switch off and unplug immediately if there is an unusual noise, a burning smell, smoke or any other abnormal incident during use.

13. Do not attempt repairs yourself or use a company not authorised by the manufacturer. The original manual states that intervention by unauthorised personnel invalidates its warranty responsibility.

14. The appliance is not intended for people, including children, with reduced physical, sensory or mental capabilities, or without experience or knowledge, unless a person responsible for their safety provides supervision or instructions.

15. A damaged mains cable must be replaced by the manufacturer, its after-sales service or a similarly qualified person to avoid danger.

16. If the installation does not operate correctly, follow the troubleshooting guidance. If the problem cannot be resolved promptly, contact technical support.

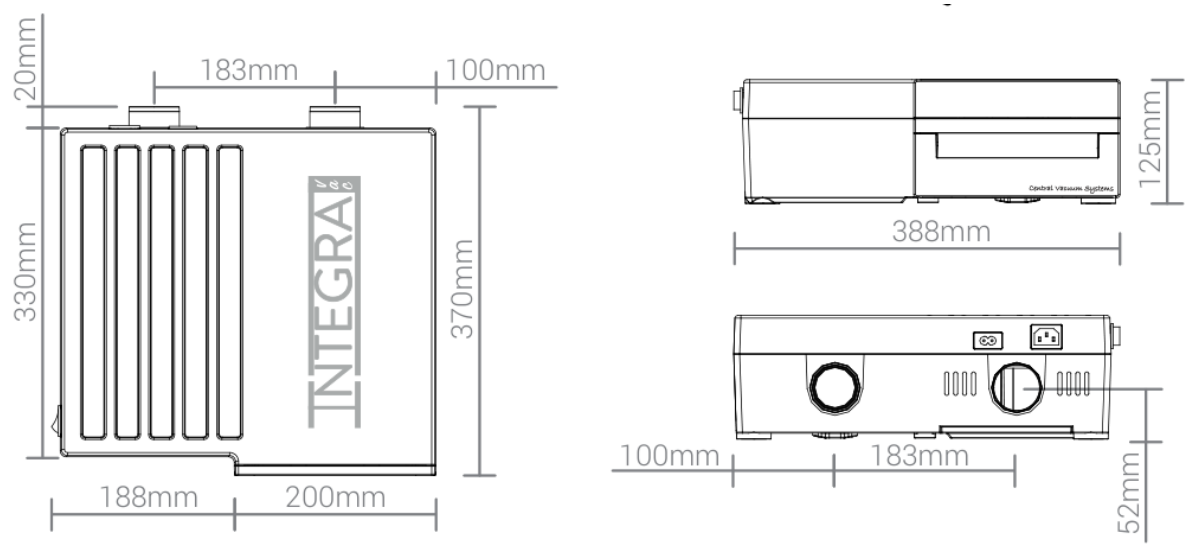
3. Technical specifications

Model: INTEGRA VAC | Supply: 230 V, 50/60 Hz. A 120 V version is also available.

Dust bag capacity: 4 litres | Net weight: 10 kg.

Filtration: primary five-layer dust bag; secondary motor protection filter.

Motor: high-speed direct motor.



Dimensions in millimetres, as shown in the original drawings.

Maximum power: 1,100 W Maximum airflow: 162 m³/h
Maximum vacuum: 2,700 mm H_2O Suction power: 400 air watts

4. Original compliance references

The Spanish manual lists the following European directives and their amendments: 2002/96/EC (waste electrical and electronic equipment), 2006/95/EC (low voltage) and 2004/108/EC (electromagnetic compatibility). Directive numbers are reproduced here in standard English notation.

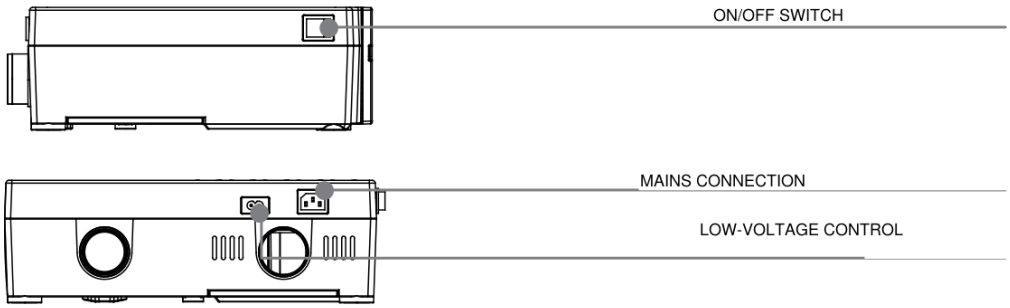
It also lists CE, GS and RoHS. The source describes GS as a German certification applicable to many electrical consumer products, and RoHS as restrictions on certain hazardous substances in electrical equipment.

Editorial note: These are historical references from the supplied manual, not confirmation of current conformity. CE is a conformity marking, not a general quality certificate. Refer to the declaration of conformity applicable to the actual unit.

5. Connections and installation

Electrical connections

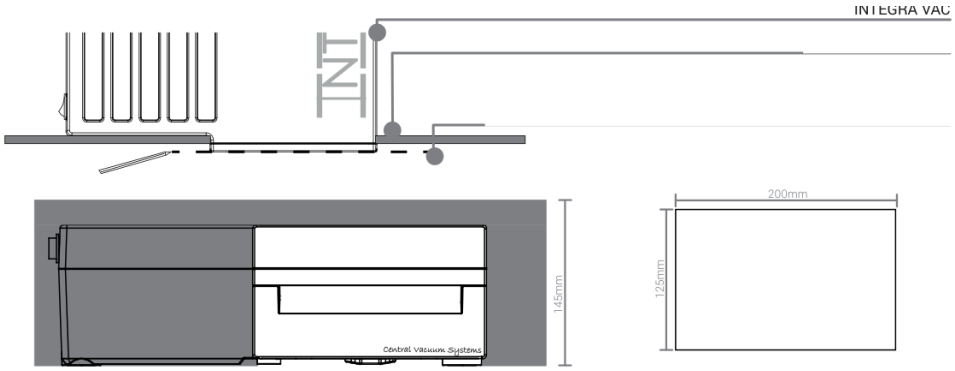
Identify the on/off switch, mains power cable connection and low-voltage connection for the vacuum inlet control circuit.



Upper drawing: side view. Lower drawing: rear view.

Installation beneath a kitchen cabinet

Mark the position of the INTEGRA VAC unit and prepare the cut-out in the kitchen plinth. Mark the drawer position with a pencil so that the unit can be secured beneath the cabinet at the correct distance from the plinth.

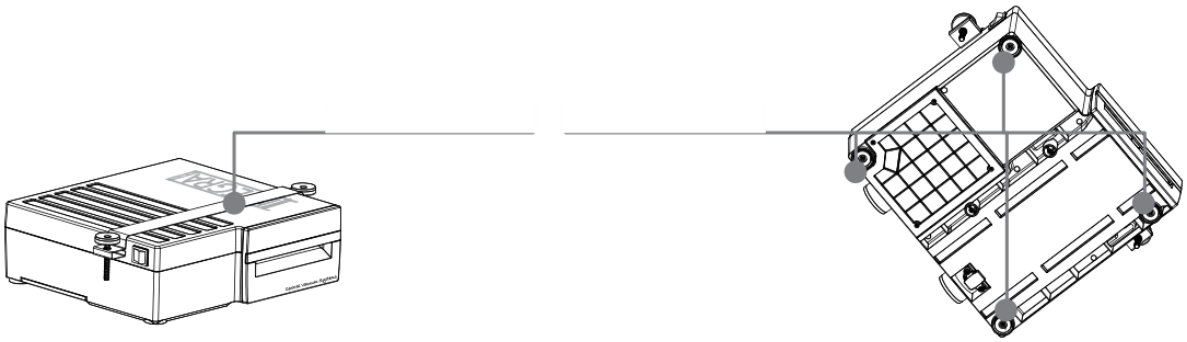


Plinth: 145 mm high. Drawer opening: 200 mm wide × 125 mm high, as shown in the original diagram.

Suction and exhaust pipework

Use the supplied flexible pipe sections, internal diameter 50 mm, to connect the unit to the suction and exhaust pipework. These flexible connections allow the INTEGRA unit to be removed later for maintenance.

Levelling, fixing and exhaust



Mounting bracket and four adjustable feet.

After connecting the flexible pipework, move the unit into its final position, aligned with the kitchen plinth. Check it is level on the finished kitchen floor. Adjust the feet until the unit is completely horizontal.

With the unit in its final position, secure it using the mounting bracket fixing bars so that it cannot move.

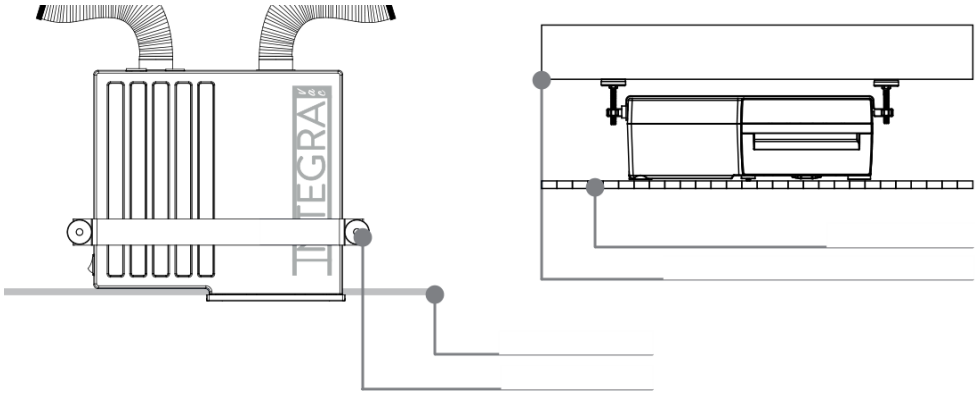
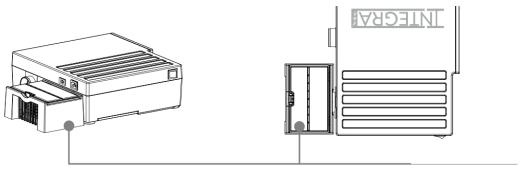


Diagram: finished floor, cabinet underside, kitchen plinth and fixing bar.

Optional exhaust filter

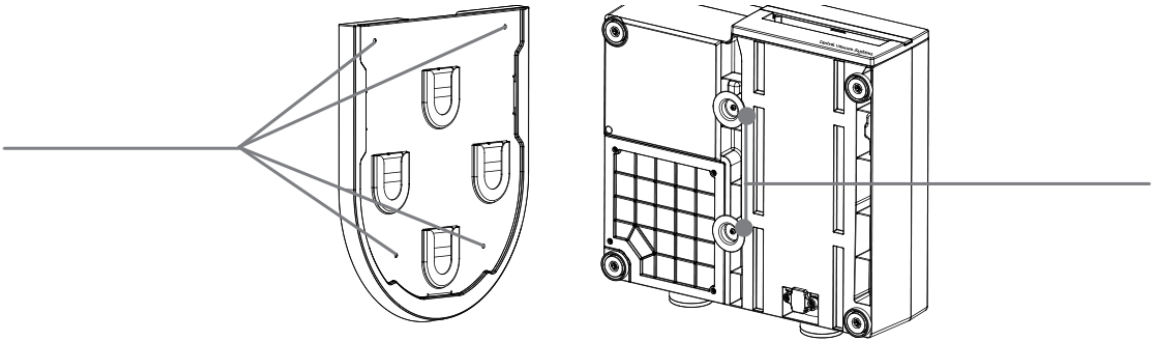
Where an exhaust pipe cannot be connected, an optional exhaust filter box is available, comprising a HEPA H10 filter and an activated-carbon filter. It filters exhaust dust and reduces odour, rather than discharging untreated air beneath the cabinet. Not included with the INTEGRA VAC unit. Reference: R10166-SC.



Editorial note: The source claims “100%” dust filtration. That absolute claim is not adopted in this translation; filtration performance depends on the filter specification and condition.

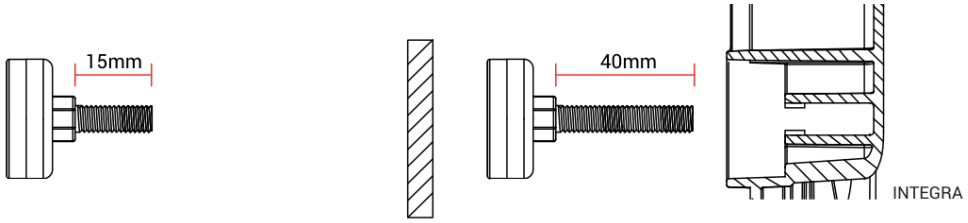
Cabinet and wall mounting

For installation inside a kitchen cabinet or on a wall, use the wall mounting bracket. Secure the bracket at its screw fixing points and attach the two supports to the unit.



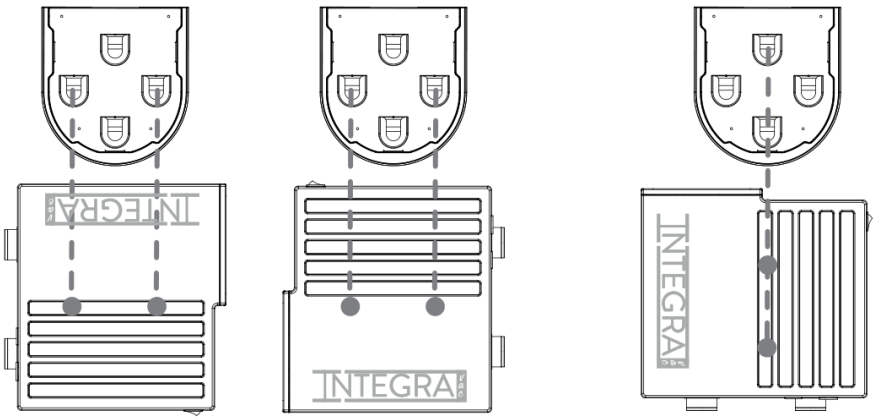
Wall bracket fixing points (left); supports attaching to the bracket (right).

For wall mounting, use the longer adjustable feet supplied. The feet must bear against the wall to support the unit and prevent vibration. Two sets of adjustable feet of different lengths are included.



Short feet: 15 mm, under-cabinet installation. Long feet: 40 mm, wall mounting.

Bracket positions for different configurations



Horizontal mounting configurations (left and centre); vertical mounting (right).

6. Cleaning and maintenance

Fitting the drawer front trim

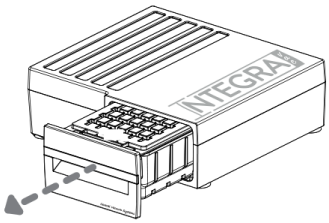
The unit includes white and polished-steel trim options for the dust drawer front. Remove any dust from the drawer front, peel off the protective backing and carefully apply the chosen trim.

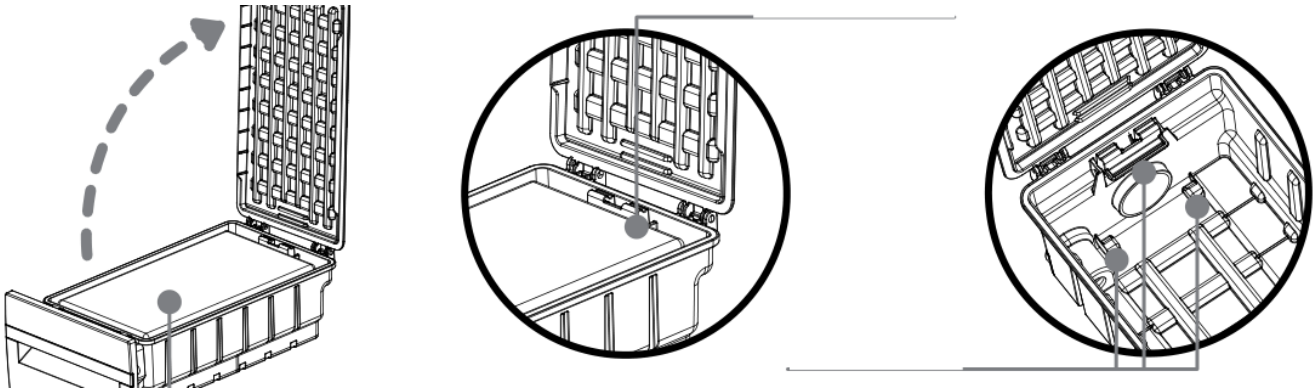
Removing the dust drawer

The original manual states that the unit has an interlock which detects when the drawer is removed or incorrectly fitted, and therefore does not require disconnection for this operation. ProVac safety note: switch off and unplug before maintenance; do not rely solely on the interlock.

1. Pull the handle to withdraw the dust drawer.

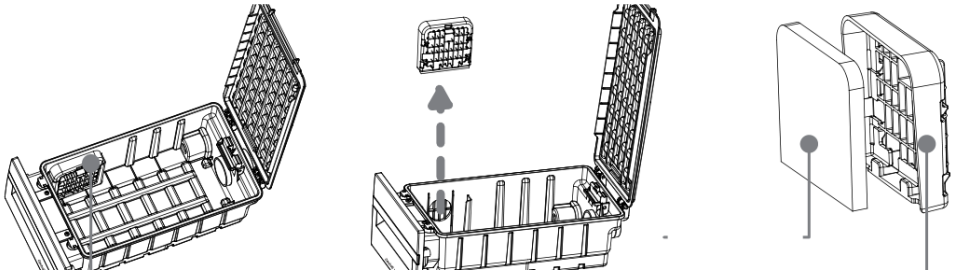
2. Open the drawer lid to access the dust bag and motor protection filter. Release the bag retaining clip, remove the used bag and insert the new bag into its mounting position.





Dust bag; release clip; insertion position for the replacement bag.

Important: Secure the dust bag correctly in the drawer. An incorrectly fitted bag may allow dust into the motor compartment and cause motor failure.



Motor protection filter and filter holder, shown in the original diagrams.

7. Troubleshooting

Weak suction or no suction

a) Check the dust bag. Replace it if full.
b) If some inlets work and others do not, suspect a blockage in the affected pipework.
c) If no inlet works, the source instructs you to disconnect the suction pipe from the unit and check suction at the unit. If suction is present, check for an air leak or a blockage near the unit and inspect the inlet valves. Contact technical support if the fault cannot be found.
d) If there is still no suction at the unit, the source identifies a possible motor fault. Contact technical support.

ProVac safety note: Isolate the power before disconnecting pipework. Testing at the unit should be carried out by a competent service technician.

Air relief valve: do not cover or obstruct

The dust drawer incorporates a regulating safety valve. If the suction path is closed, the valve admits clean air to maintain airflow through the motor and help protect its service life.

DO NOT COVER THE AIR RELIEF VALVE.
The original diagram shows its position on the dust drawer.

The unit does not start automatically

a) Check the dust drawer is fully inserted and correctly fitted; the safety interlock prevents starting otherwise.
b) Check that the unit has an electrical supply.
c) If it still will not start, contact technical support.

Blocked pipework

a) The source recommends switching the unit on and off to vary airflow and draw the obstruction towards the unit.
b) If this fails, remove the dust drawer and connect a conventional vacuum cleaner to the affected inlet to apply suction in the reverse direction.
c) If the blockage remains, contact technical support.

Water accidentally drawn into the system

The source recommends fitting the SACH liquid and ash separator (AL7033-SC) between the unit and the installation, then running the unit for 15 minutes to remove water from the pipework. If the filter is wet or water has entered the central unit, disconnect the electricity supply immediately and contact technical support.

ProVac safety note: Do not restart a unit that may contain water. Have a competent technician assess it before attempting the source’s pipe-drying procedure.