PRO-VENTA
CONTROL THE OUTCOME

# PVX-45

## PROFESSIONAL FLOOD EXTRACTOR

**OWNER'S MANUAL**
**Australia & New Zealand Edition**



| | | | |
|---|---|---|---|
| **10 A**<br>Single detachable AU/NZ lead | **2 × 1100 W**<br>Twin 2-stage vacuum motors | **45 L**<br>Nominal recovery tank | **PUMP-OUT**<br>Optional automatic discharge |

**WARNING - READ BEFORE USE**
**Read this manual before connecting power or operating the machine. Keep it with the unit.**

220-240 V AC | 50 HZ | 10 A | 2 X 1100 W | TWIN 2-STAGE VACUUM MOTORS
45 L RECOVERY TANK | OPTIONAL AUTOMATIC PUMP-OUT | REVISION 1.6 | SEPTEMBER 2026

# Document Information

This manual applies to the PRO-VENTA PVX-45 supplied for use in Australia and New Zealand. Product labels fitted to the machine take precedence if a production detail differs.

| Document item | Details |
|---|---|
| Product | Professional extraction-only flood extractor |
| Model / electrical version | PVX-45 / 220–240 V AC, 50 Hz |
| Document | PV-PVX45-ANZ-EN-V1.6 — Revision 1.6, September 2026 |
| Markets / language | Australia and New Zealand / English |
| Product support | www.pro-venta.com \| info@pro-venta.com |

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**NOTICE - KEEP WITH THE UNIT** Store this manual where operators and service personnel can access it throughout the product's working life.

SECTION 1

# Important Safety Information

Read and understand every safety instruction before connecting the PVX-45 to power.

## Safety message definitions

| Signal | Meaning |
|---|---|
| DANGER | A hazardous situation that, if not avoided, will result in death or serious injury. |
| WARNING | A hazardous situation that, if not avoided, could result in death or serious injury. |
| NOTICE | Important operating, maintenance or compliance information not related to personal injury. |

Orange WARNING labels identify safety-critical instructions. Teal NOTICE labels identify essential operating or compliance information.

## Ten critical rules

1. Connect only to a correctly earthed 220–240 V, 50 Hz supply matching the rating label.
2. Keep the plug, power lead, appliance inlet, switches and motor compartment dry.
3. Never touch the plug or controls while standing in water. Isolate power from a dry location.
4. Never recover flammable, combustible, corrosive, reactive or explosive liquids or vapours.
5. Do not use the PVX-45 for dry vacuuming, hazardous dust collection or air filtration.
6. Operate only with the debris basket, high-level float, lid seal, covers and guards fitted.
7. Select a drainage method before starting; secure the pump-out hose or cap the manual drain.
8. Stop immediately if water or foam reaches the exhaust, power trips, or abnormal heat, smell, noise or vibration occurs.
9. Switch off and unplug before opening, draining manually, cleaning, moving or servicing the machine.
10. Operate upright, under continuous supervision, and only for the wet-extraction purpose described here.

SECTION 1

# Electrical and Wet-Recovery Safety

> **DANGER - STANDING WATER** Never insert or remove the plug, touch switches, or handle the power lead while standing in water. Isolate the supply from a dry location first.

## Electrical safety

- Use the supplied detachable PRO-VENTA lead or an approved replacement with the same 10 A rating and protective earth connection.
- Connect the lead to the machine before plugging it into the wall. To disconnect, switch off, unplug at the wall, then disconnect from the machine.
- Inspect the lead, plug and appliance inlet before every use. Remove the machine from service if any part is cut, crushed, loose, overheated, wet, corroded or damaged.
- Use RCD protection where required by law, site rules or the work environment. Never repeatedly reset a device that trips.
- Do not modify the plug, defeat the protective earth, use an unearthed adaptor or connect through a travel adaptor.
- Avoid extension leads. If one is permitted and unavoidable, use the shortest practical fully unwound, heavy-duty, earthed 10 A lead. Do not daisy-chain leads or power boards.
- Keep the power connection above and away from the wet work area. Protect the lead from traffic, sharp edges, heat and crushing.
- Do not hose, pressure-wash or immerse the machine. Electrical testing and repairs must be performed by a competent or suitably qualified person.

## Wet-recovery safety

- Remove sharp objects and large debris before extraction begins.
- Do not recover liquid hotter than 35°C or liquids incompatible with the tank, hoses, seals, pump or fittings.
- Never allow the recovery tank to overfill. Respond immediately to float activation or a change in suction.
- Use suitable PPE and a site-specific risk assessment for contaminated water.

SECTION 1

# Operating Safety and Hygiene

## General operating safety

- Only trained persons who understand wet extraction, electrical hazards and wastewater handling may operate the PVX-45.
- Keep children, bystanders and unauthorised persons away from the machine, hoses, leads and discharge area.
- Operate upright on a stable surface. Close the inspection cover, seat the lid seal and engage every latch before starting.
- Keep exhaust openings clear. Never cover the machine or insert fingers, tools or objects into openings.
- Monitor tank level, suction, discharge flow, hose condition and machine sound throughout operation. Do not leave the unit running unattended.
- Do not operate a machine that has been dropped, tipped, flooded internally, modified, damaged or is not working normally.
- The machine weighs approximately 55 kg. Use two people, a ramp or suitable handling equipment when lifting or loading.

## Contaminated water

Sewage, biological contamination and chemically contaminated water require suitable PPE, containment, hygiene controls and lawful disposal. Keep clean and contaminated equipment separated, and decontaminate every wetted component after use.

**WARNING - STOP USE** Switch off and isolate the machine from a dry location if water, mist or foam leaves the exhaust; power trips; smoke, arcing, a burning smell or abnormal heat occurs; the machine tips; a hose fails; or motor or pump sound changes suddenly. Do not restart until the cause is identified and the machine is confirmed safe.

SECTION 2

# Product Purpose and Limitations

The PVX-45 is an extraction-only flood recovery machine for professional restoration and commercial water-recovery work.

| Designed for | Not designed for |
|---|---|
| Water recovery from carpet, underlay, upholstery and compatible hard surfaces | Supplying cleaning solution or pressure — no solution tank or solution pump is fitted |
| Compatible 51 mm (2 in.) extraction hoses, cuffs, wands and approved tools | Dry vacuuming, hazardous dust collection, HEPA filtration or use as an air scrubber |
| Manual tank draining or optional automatic pump-out | Flammable, combustible, corrosive, reactive or explosive liquids or vapours |

## How it is intended to work

Two 1100 W AMETEK 119625-00 two-stage vacuum motors recover water through the 51 mm front inlet. Liquid passes through the removable debris basket and collects in the 45 L nominal recovery tank. It may then be discharged through the optional rear automatic pump-out or emptied through the capped side waste/drain hose.

## Important limitations

- Any rinsing water, cleaning solution or pressure supply must come from separate equipment. Only the vacuum recovery hose connects to the PVX-45.
- The machine is for indoor and sheltered commercial use. Do not use it in an explosive atmosphere or where flammable vapours may be present.
- Use outside the stated purpose may damage the machine, create a safety risk and affect warranty coverage.
- The rating label controls the final model, electrical rating, serial number and compliance markings of the supplied unit.

**NOTICE - APPLICATION** Similar-looking extractors may use different electrical, drainage or control systems. Follow only the instructions and labels supplied for this PVX-45.

SECTION 3

# Before First Use

## Unpack, inspect and commission

1. Remove all packaging. Inspect the body, lid, latches, wheels, castors, fittings, hoses, power lead and accessories for shipping damage.
2. Check the sales order. Supplied accessories depend on the package purchased and may include a 51 mm hose/tool and pump-out discharge hose.
3. Record the model and serial number from the rating label on page 25.
4. Open the tank. Confirm the debris basket and high-level float are correctly installed, clean and able to move freely.
5. Inspect the lid seal and mating surfaces. Remove debris that could prevent an airtight seal.
6. Confirm the rating label matches a 220–240 V, 50 Hz supply.
7. Complete a controlled function test with clean water before site use.

## Quick start

| Step | Action |
|---|---|
| 1 Inspect | Check lead, inlet, basket, float, lid seal, hoses and fittings. |
| 2 Connect | Fit a sound 51 mm extraction hose and approved tool. |
| 3 Select drainage | Connect and secure pump-out, or cap and clip the manual drain hose. |
| 4 Power | Connect the machine end first, then plug into an earthed 10 A outlet. |
| 5 Start | Start vacuum motors one at a time. Turn the pump on only when connected. |
| 6 Extract | Recover water while monitoring suction, tank level, foam and discharge. |
| 7 Shut down | Stop, finish drainage, unplug, clean, flush and dry. |

**NOTICE - QUICK START** This summary does not replace sections 6–11. Read the full operating sequence before first use.

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SECTION 4

# Product Overview

The PVX-45 combines high-volume wet recovery, a compact upright body and a choice of automatic pump-out or manual draining.





## Recovery path

| 1 TOOL<br>Water and air enter | 2 51 mm HOSE<br>Recovered material travels | 3 BASKET<br>Large debris is captured | 4 45 L TANK<br>Liquid collects | 5 MOTORS<br>Airflow creates lift |
|---|---|---|---|---|

## Drainage choices

| Automatic pump-out | Manual tank drain |
|---|---|
| Connect the reinforced discharge hose to the rear DN20 (3/4 in.) Camlock, secure its outlet at an approved point, then switch the pump on. | Leave the pump off. Stop both motors and unplug before lowering the capped side waste/drain hose to an approved point. |

## Key features

- Two 1100 W AMETEK vacuum motors in a twin two-stage configuration, powered through one earthed 10 A AU/NZ lead.
- 45 L nominal recovery tank with removable debris basket and high-level float protection.
- 51 mm (2 in.) front vacuum inlet for professional extraction hoses and tools.
- Optional level-controlled rear pump-out with DN20 Camlock and check valve, plus a side manual drain hose.
- Detachable power lead, large rear wheels, front swivel castors and integrated transport handles.

**NOTICE - PERFORMANCE** Extraction depends on the tool, hose length and condition, air leaks, liquid properties, debris loading and discharge head. Use short practical hose runs and keep seals clean.

SECTION 5

# Product Identification

External views of the PVX-45 production configuration.







| Front / left view | Rear / right view | Rear controls and pump-out |
|---|---|---|

## Operator-accessible components

| Component | Purpose |
|---|---|
| Recovery tank lid / inspection cover | Provides access for inspection, cleaning and basket removal. |
| 51 mm front vacuum inlet | Connects the extraction hose. |
| Vacuum motor switches | Start and stop the two motors; start one at a time. |
| Pump switch / rear DN20 Camlock | Enables and connects optional automatic pump-out. |
| Side capped waste/drain hose | Manually empties the tank with the unit off and unplugged. |
| Debris basket / high-level float | Captures large debris and protects against excessive liquid level. |
| Rating label | Shows model, serial number, electrical rating and compliance information. |

**NOTICE - PRODUCTION REVISION** Switch and fitting positions may vary slightly. Labels fitted to the machine take precedence.

SECTION 6

# Site Setup and Preparation

## 1. Assess the work area

- Identify the water source, contamination class, electrical hazards, slip and trip hazards, sharp debris and the lawful wastewater route.
- Isolate uncontrolled water sources where practical. Establish clean and contaminated zones when required.
- Confirm the floor can support the 55 kg machine and that the movement route is clear.

## 2. Prepare power and drainage

- Select an earthed 220–240 V, 50 Hz, 10 A outlet in a dry, protected position and route the lead away from standing water and traffic.
- Choose automatic pump-out or manual tank draining before starting.
- For pump-out, connect the discharge hose, route it as short, straight and low as practical, and secure the outlet at an approved point.
- For manual draining, leave the pump off and keep the side hose capped and clipped until the unit has been switched off and unplugged.

## 3. Prepare the machine

1. Switch all controls off and keep the machine unplugged.
2. Check that the basket, pump intake area and high-level float are clean and correctly positioned.
3. Clean the lid seal, close the inspection cover and engage all latches.
4. Connect a sound 51 mm hose to the front inlet and the selected tool.
5. If foam is expected, add a compatible low-foam defoamer according to its label.
6. Connect the detachable lead to the machine, then plug into the earthed outlet.

**WARNING - DRAINAGE** Do not start until the pump-out hose is connected and secured or the side manual drain hose is securely capped and clipped.

SECTION 7

# Standard Extraction Operation

## Starting

1. Confirm the selected drainage mode is ready and the side drain cap, lid and latches are secure.
2. If using pump-out, switch the pump on and confirm that the hose remains secured. Otherwise leave the pump off.
3. Switch on the first vacuum motor, pause briefly, then switch on the second. Starting separately reduces simultaneous inrush.
4. Check for normal suction, sound and airflow. Stop if a leak, unusual noise, vibration, smell or electrical fault is present.
5. Place the extraction tool on the wet surface and begin controlled passes. Avoid drawing large debris into the hose.

## While extracting

- Work from the wettest area toward the exit and overlap passes where appropriate.
- Use slow recovery passes and extra vacuum-only passes where they improve water removal.
- Watch the recovery tank, suction, motor sound, foam and discharge flow continuously.
- Stop if the high-level float activates, suction changes sharply or the pump does not keep pace.
- Keep the machine upright. Do not pull or steer it by the power lead or hoses.
- Do not recover water hotter than 35°C.

**WARNING - UNATTENDED OPERATION** The PVX-45 requires active monitoring. Never leave it operating without a trained operator present.

**NOTICE - ONE-MOTOR USE** One motor may be used when lower airflow is deliberately required. For maximum extraction performance, operate both motors.

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SECTION 8

# Automatic Pump-Out and Manual Draining

## Automatic pump-out

1. With the unit off and unplugged, inspect the hose, Camlock gasket, check valve and outlet cap.
2. Connect the reinforced hose to the rear DN20 (3/4 in.) Camlock and close both cam arms fully.
3. Route the hose to an approved discharge or collection point. Avoid kinks, sharp bends, crushing and unnecessary lift.
4. Secure the free end so it cannot whip, move or discharge to an unsafe location.
5. Plug in and switch the pump on before starting the vacuum motors.
6. Confirm discharge when the tank level activates the pump. Monitor the hose and outlet throughout use.

**NOTICE - PUMP CAPACITY** The stated maximum pump-out rate is 45 L/min under favourable conditions. Actual flow decreases with lift, hose length, restrictions, debris and viscosity.

## Manual tank draining

1. Stop both vacuum motors and switch the pump off.
2. Unplug at the wall with dry hands and keep the plug dry.
3. Move the machine, if required, to an approved drain while keeping it upright.
4. Lower the side waste/drain hose, control its outlet, then remove the cap.
5. Allow the tank to empty. Refit the cap securely and clip the hose in position before restarting or moving.

**WARNING - DISCHARGE** Never discharge to stormwater, soil or an unapproved point. Treat contaminated water according to the site plan and local requirements.

SECTION 9

# Recovery Tank Protection and Foam Control



Removable debris basket



Basket fitted in recovery tank

## Debris basket

The basket captures larger material before it reaches the tank and pump. Inspect it before each shift and whenever suction or pump-out performance changes. Empty, rinse and refit it correctly. Never operate without the basket.

## High-level float

The float restricts airflow when liquid rises too high. A sudden change or loss of suction may indicate activation. Stop the motors immediately, switch the pump off, unplug, correct the drainage condition and confirm the float moves freely before restarting.

## Foam control

- Detergent residue and high-foaming chemistry can create foam that bypasses the float and damages motors.
- Use compatible low-foam chemistry and add a suitable defoamer to the recovery tank when foam is likely.
- Watch the exhaust. Stop immediately if mist, water or foam is emitted.
- After a foam event, inspect and clean the tank, basket, float, hoses and motor compartment as directed by a qualified technician.

**WARNING - WATER OR FOAM AT EXHAUST** Switch off and unplug from a dry location. Do not restart. Liquid may have entered the motor system and qualified inspection is required.

SECTION 10

# Shutdown and Post-Use Cleaning

## Normal shutdown

1. Lift the extraction tool clear and allow the hose to draw air briefly so retained water reaches the tank.
2. Switch off both vacuum motors.
3. If pump-out is in use, allow it to finish its cycle, then switch the pump off.
4. Unplug from the wall with dry hands, then disconnect the detachable lead from the machine.
5. Drain the tank completely using the selected lawful disposal route.

## Clean after every use

1. Open the tank and remove the debris basket. Dispose of recovered debris appropriately.
2. Rinse the basket, tank, float area, side drain hose and hose cap with clean water.
3. If pump-out was used, flush the pump pathway and discharge hose with clean water until the discharge runs clear.
4. Wipe the lid seal and mating surfaces. Inspect for cuts, swelling or distortion.
5. Wipe the exterior with a damp cloth and mild detergent. Do not hose or pressure-wash the machine.
6. Dry the power lead and inspect it before coiling loosely. Never store it wet or tightly wrapped around the unit.
7. Leave the tank ventilated in a secure dry area until every wetted component is dry.

> **WARNING - BEFORE CLEANING** The tank and hoses contain water near electrical equipment. Always switch off and unplug before opening, draining manually or cleaning.

SECTION 11

# Contaminated-Water Decontamination

Use a site-specific procedure whenever the recovered water contains sewage, biological material, chemicals or other contaminants.

**WARNING - EXPOSURE CONTROL** Wear PPE selected for the contaminant and prevent splashes, aerosols, skin contact and transfer to clean areas. Follow the chemical supplier's label and safety data sheet.

## Decontamination sequence

1. Move the unit to a controlled wash-down area with an approved wastewater route.
2. Switch off, unplug and keep electrical connections dry. Remove gross debris using suitable tools and PPE.
3. Drain recovered liquid and waste into the approved system. Do not discharge to stormwater or soil.
4. Wash the tank, basket, float, lid, hoses, cuffs, extraction tools, side drain and pump-out path with compatible detergent.
5. Apply a compatible disinfectant at the labelled concentration and contact time. Do not mix chemicals.
6. Flush the pump-out system with clean water. Rinse other components if the chemical label requires it.
7. Wipe the exterior, wheels, castors, handles and lead. Do not direct water into motor, switch or electrical openings.
8. Dry completely in a ventilated secure area. Inspect seals, hoses and fittings before returning the unit to clean service.
9. Record the contamination type, chemicals used, operator, date and any parts replaced.

**NOTICE - CHEMICAL COMPATIBILITY** When compatibility with polyethylene, rubber seals, pump parts or fittings is uncertain, obtain written advice from PRO-VENTA before use.

SECTION 12

# Maintenance

Preventive maintenance protects suction, pump-out performance, hygiene and electrical safety.

| Interval | Operator maintenance |
|---|---|
| Before each shift | Inspect lead, plug, appliance inlet, body, lid, latches, seals, hoses, fittings, wheels and castors. Check basket and float. |
| After every use | Drain, clean, flush and dry the tank, basket, float, hoses and any pump-out pathway used. |
| Weekly / heavy use | Inspect hose cuffs, Camlock gasket, check valve, drain cap and clips. Remove debris from wheels and castors. |
| Monthly | Perform a controlled clean-water test of suction, float response, manual drain and pump-out. Check for leaks and abnormal sound. |
| Periodic | Arrange electrical inspection and test-and-tag as required by local law, site rules and the operating environment. |
| As condition requires | Replace worn seals, hoses, cuffs, caps, wheels and other operator-serviceable parts with approved items. |

## Remove from service if

- The power lead, plug, appliance inlet, switch, earth connection or body is damaged.
- Water or foam has reached the exhaust or internal electrical/motor space.
- The unit repeatedly trips an RCD or circuit breaker.
- The float, pump, check valve, motor, latch or lid seal does not work correctly.
- A crack, leak, burning smell, smoke, abnormal heat, sound or vibration is present.

**WARNING - ELECTRICAL SERVICE** Internal electrical, motor and pump work is for a qualified technician. Isolate and verify the machine is de-energised before removing covers.

SECTION 13

# Transport and Storage

## Before transport

- Switch off, unplug, disconnect the detachable lead, drain the tank and flush contaminated pathways.
- Refit the side drain cap and rear pump-out cap. Close the inspection cover and engage all latches.
- Coil hoses and the power lead without sharp bends. Secure accessories so they cannot move or damage the body.
- Inspect the route and use the integrated handles, wheels and castors only on suitable surfaces.

## Lifting and vehicle restraint

- The net machine weight is approximately 55 kg. Use two people, a ramp or rated mechanical aid.
- Do not lift by hoses, fittings, latches, lead, lid or switch panel.
- Transport upright. Restrain the machine through strong body/handle points so it cannot tip, roll or strike other equipment.
- Do not rely on wheel brakes, hoses or the power lead as transport restraints.

## Storage

- Store indoors, upright, clean, dry and protected from impact, unauthorised use and direct weather.
- Leave the tank ventilated until completely dry, then refit covers loosely enough to avoid trapping moisture.
- Protect the pump, hoses and fittings from freezing. Drain all water before cold storage or transport.
- Before return to service after storage, complete the daily checklist and a clean-water function test.

**WARNING - MANUAL HANDLING** Do not attempt an uncontrolled single-person lift. Use suitable assistance and follow the site lifting plan.

SECTION 14

# Troubleshooting

Stop and unplug before any inspection that requires opening the tank, touching wet parts or checking the power lead.

| Problem | Likely cause | Action |
|---|---|---|
| Machine will not start | No supply; lead not seated; outlet/RCD off; damaged lead or switch. | Confirm controls off. From a dry location check supply, RCD and both ends of the lead. Remove from service if damage or repeated tripping occurs. |
| Only one motor runs | One switch off; motor, brush, switch or wiring fault. | Check both motor switches. If one motor remains inoperative, stop and arrange qualified service. |
| Low suction | Loose lid; dirty seal; blocked tool/hose/basket; float activated; air leak. | Stop, unplug, drain if needed, clear restrictions, clean and reseat seals, then test with clean water. |
| Suction stops suddenly | High-level float activated or severe blockage. | Stop motors. Drain the tank or correct pump-out, clean the float and basket, and confirm free movement before restarting. |
| Unusual motor sound or smell | Restriction, liquid/foam entry, worn motor or electrical fault. | Stop and unplug immediately. Do not restart until a qualified technician confirms the unit is safe. |
| RCD or breaker trips | Wet/damaged lead, overloaded circuit, insulation or motor fault. | Do not reset repeatedly. Isolate the machine and arrange electrical inspection. |

**WARNING - ELECTRICAL FAULT** Never open electrical covers or test live parts unless you are qualified and following an approved service procedure.

SECTION 14

# Troubleshooting — Drainage and Recovery

| Problem | Likely cause | Action |
|---|---|---|
| Pump will not run | Pump switch off; level not reached; blockage; pump, control or wiring fault. | Confirm pump-out is connected and pump switch is on. If the tank rises without discharge, stop before overfill and inspect only operator-accessible parts. |
| Low or intermittent pump flow | Kinked or long hose; excessive lift; blocked basket/intake/check valve; air leak. | Stop, unplug, straighten and shorten the hose, clean basket/intake and inspect accessible fittings. Test with clean water. |
| Pump runs but no discharge | Outlet cap fitted; Camlock not open/seated; blocked hose or check valve; excessive lift. | Stop immediately. Correct the hose route and connection. Do not allow the tank to overfill. |
| Water leaks from lid or body | Dirty/damaged seal; loose cover; latches open; cracked tank or fitting. | Stop and unplug. Clean and reseat seals and latches. Remove cracked or damaged equipment from service. |
| Foam in tank | Detergent residue or high-foaming chemical. | Stop before foam reaches the motors. Empty and rinse. Use compatible defoamer and low-foam chemistry. |
| Persistent odour | Residue in basket, float, drains, pump path or seals; stored wet. | Repeat cleaning/decontamination, flush all pathways, inspect seals and dry completely. |
| Difficult to move | Debris around castors/wheels or damaged handling component. | Clean and inspect. Replace damaged wheel, castor, axle or handle before transport. |
| Problem remains | Internal motor, pump, switch, control or electrical fault. | Stop use. Contact PRO-VENTA with the serial number, conditions, fault description and photos/video. |

**NOTICE - FAULT RECORD** Record switch positions, sounds, tank level, discharge behaviour and any tripping before contacting support.

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SECTION 15

# Technical Specifications

| Specification | PVX-45 |
|---|---|
| Product type | Professional extraction-only flood extractor with optional automatic pump-out |
| Power supply | 220–240 V AC, 50 Hz |
| Power connection / cord | Single earthed detachable 10 A AU/NZ lead / 5 m |
| Current | One vacuum motor: 4 A \| both motors: 8 A \| maximum including pump: 8.4 A |
| Vacuum motors | 2 × 1100 W AMETEK 119625-00, twin two-stage configuration |
| Recovery tank | 45 L nominal |
| Maximum recovered-water temperature | 35°C |
| Vacuum inlet | 51 mm (2 in.) |
| Pump-out connection | DN20 (3/4 in.) Camlock with check valve and cap |
| Maximum pump-out rate | 45 L/min under favourable conditions |
| Drainage | Optional level-controlled pump-out or capped side manual drain hose |
| Net weight | 55 kg |
| Dimensions (L × W × H) | 72 × 65 × 102 cm |
| Use environment | Indoor and sheltered commercial use; monitored operation only |
| Storage | Above freezing; drain and protect pump, hoses and fittings |

**NOTICE - RATING LABEL** The fitted rating label is the controlling source for electrical rating, serial number and compliance markings. Do not remove, cover or alter it.

**NOTICE - PRODUCT IMPROVEMENT** Components or fittings may change as part of continuing improvement. A change does not alter the approved purpose unless PRO-VENTA issues revised instructions.

SECTION 16

# Consumables and Spare Parts

Use genuine or PRO-VENTA-approved parts of the correct rating. Quote the model and serial number when ordering.

## Operator-replaceable items

| Item | Description |
|---|---|
| Debris basket | Removable internal recovery-tank basket |
| Lid / inspection-cover seals | Recovery-tank and screw-in cover gaskets |
| High-level float assembly | Operator-inspectable float and cage |
| 51 mm vacuum hose and cuffs | Extraction hose and replacement cuff set |
| Side waste/drain hose and cap | Manual tank-drain hose, sealing cap and clip |
| Rear discharge hose / Camlock seal | Reinforced pump-out hose and DN20 gasket |
| Detachable power lead | 5 m earthed 10 A AU/NZ lead |
| Rear wheel / front castor | Handling components matched to production revision |

## Qualified-technician items

| Item | Description |
|---|---|
| Vacuum motor / brush set | 1100 W AMETEK 119625-00, two-stage; matching carbon brushes |
| Motor and pump switches | Correctly rated rocker switches |
| Discharge pump / check valve | Level-controlled pump and in-line brass non-return valve |
| Appliance inlet and internal wiring | Production-specific electrical components |

**WARNING - APPROVED PARTS** Incorrect electrical parts, seals, hoses or fittings can create shock, leak, contamination and overfill hazards.

SECTION 17

# Qualified Service Reference

Internal service work involves electrical and wet-system hazards.






**WARNING - QUALIFIED TECHNICIAN ONLY** Disconnect, isolate and verify the machine is de-energised before removing covers. Do not bypass the protective earth, float, thermal protection, switches or other safety devices.

| Motor identification | Twin vacuum motors | Pump and hose arrangement |
|---|---|---|

## Service checks

- Inspect for liquid or foam entry into motor or electrical compartments.
- Check earth continuity, insulation, leakage, cord anchorage, inlet, switches, wiring, terminals and protective devices as applicable.
- Inspect both motors, brushes, cooling paths, seals and thermal protection.
- Inspect the pump, check valve, intake, level control, float and discharge fittings.
- After service, refit all covers and guards, complete appropriate electrical tests and perform a controlled clean-water leak and function test.

**NOTICE - SERVICE INFORMATION** Use only production-specific PRO-VENTA wiring, parts and service information. A similar body shape does not make another model's documentation applicable.

SECTION 18

# Disposal and End of Life

## Wastewater, debris and consumables

- Decontaminate the machine before disposal, transfer or return. Empty, clean and dry the tank, basket, hoses and pump pathway.
- Do not discharge recovered water, chemicals or disinfectant residue to stormwater, soil or any location not approved for that waste stream.
- Dispose of contaminated debris, seals and single-use items according to the site waste plan and applicable requirements.

## End-of-life equipment

- The PVX-45 contains electrical components, vacuum motors, a pump and a rotomoulded polyethylene body. Do not place the complete machine in general waste.
- Take it to a suitably licensed commercial electrical-waste or e-waste recycler. Follow the recycler's instructions for separating the detachable lead and recyclable body materials.
- The crossed-out wheeled-bin symbol, where shown on the product, means the electrical equipment must be collected separately from unsorted waste.
- If a retired unit will not be scrapped immediately, disconnect and label it so it cannot be returned to service accidentally.
- Contact PRO-VENTA for product-specific component-separation information when required.

**WARNING - CONTAMINATED EQUIPMENT** Decontaminate before transport, sale, transfer, return or recycling. Disclose any contamination history in writing.

**NOTICE - LOCAL REQUIREMENTS** Wastewater and e-waste rules vary by location and contaminant. Use an approved disposal route and retain documentation where required.

SECTION 19

# Warranty, Consumer Rights and Support

## One-year parts warranty

PRO-VENTA provides a one-year parts warranty from the original purchase date, subject to the terms below and rights that cannot be excluded under applicable Australian or New Zealand consumer law. If a covered part fails because of a defect in materials or workmanship and the claim is confirmed, PRO-VENTA will supply a replacement part or arrange another suitable remedy at its option.

This voluntary warranty is in addition to, and does not exclude, restrict or modify, any rights or remedies that apply under law.

## The voluntary parts warranty does not cover

- Labour, diagnosis, removal, installation, freight, transport or site-attendance costs, unless required by law or agreed in writing.
- Hoses, cuffs, baskets, seals, gaskets, carbon brushes, wheels, castors, leads and other wear items, except where defective at supply.
- Cosmetic wear, staining or odour from normal commercial use.
- Damage from misuse, dry vacuuming, hazardous dust, incompatible chemicals, flammable liquids, overfilling, foam ingestion, blocked airflow or blocked pump-out.
- Damage from incorrect supply, a damaged or unsuitable lead, repeated electrical tripping, water entry, poor cleaning, transport, freezing or storage.
- Unauthorised modification or repair, bypassed safety devices, non-approved parts, accidental impact or external events beyond PRO-VENTA's control.

## How to make a claim

Stop use if continued operation may be unsafe. Record the model, serial number, purchase date and fault; retain proof of purchase; and contact PRO-VENTA before returning any equipment. Provide requested photos, video or test information and disclose contamination before return.

> **NOTICE - LEGAL RIGHTS** Warranty terms cannot remove rights that apply under the Australian Consumer Law or New Zealand Consumer Guarantees Act 1993.

SECTION 19

# Warranty, Consumer Rights and Support — Continued

## Australia

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

## New Zealand

Where the Consumer Guarantees Act 1993 applies, goods must meet applicable guarantees including acceptable quality, fitness for purpose and correspondence with description. Depending on the circumstances, remedies may include repair, replacement, refund or compensation.

## Australian and New Zealand supplier identification

| Field | Details |
|---|---|
| Supplier | Restoration Warehouse Pty Ltd |
| ABN | 87 662 163 886 |
| Business address | 9/35 Learoyd Road, Acacia Ridge QLD 4110, Australia |
| Telephone | +61 7 3568 4925 |
| Product support | info@pro-venta.com \| www.pro-venta.com |

## Product record

| Field | Record |
|---|---|
| Model | PVX-45 |
| Serial number | _____ |
| Purchase date / place | _____ |
| Electrical test / asset ID | _____ |
| Commissioned by / date | _____ |

PRO-VENTA
CONTROL THE OUTCOME

SECTION A

# Daily Pre-Start Checklist

Complete before the first use of each shift. Copy this page or record the checks in the site's documentation system.

Operator _____ Date _____ Serial _____ Site _____

## Power and electrical

- ☐ Lead, plug and appliance inlet undamaged, dry and fully seated
- ☐ Electrical inspection/test-and-tag in date; earthed 10 A outlet and RCD available where required

## Tank and protection

- ☐ Tank empty and clean; debris basket fitted and undamaged
- ☐ High-level float clean and moving freely
- ☐ Lid and inspection-cover seals clean; covers closed and latches engaged

## Hoses and drainage

- ☐ 51 mm extraction hose, cuffs, tool and fittings sound and clear
- ☐ Drainage mode selected: side hose capped and clipped, or pump-out hose connected and secured
- ☐ Wastewater route confirmed and approved; defoamer available where needed

## Machine, site and safety

- ☐ Body, handles, wheels and castors sound; exhaust openings clear
- ☐ No cracks, leaks or evidence of tip-over, internal water entry or abnormal operation
- ☐ Contamination risk assessed; PPE and clean/dirty zones established
- ☐ Movement route clear and floor suitable for the 55 kg machine

**WARNING - DO NOT USE** If any required check cannot be confirmed, label the fault and remove the machine from service.

Operator signature _____ Supervisor / hire-fleet record _____

PRO-VENTA
CONTROL THE OUTCOME

SECTION B

# Operator Quick Reference

This page summarises the sequence only. It does not replace sections 6–11.

| Start-up | Monitor throughout |
|---|---|
| 1. Select drainage mode and secure the relevant hose/cap.<br>2. Pump ON only when pump-out is connected.<br>3. Start vacuum motors one at a time.<br>4. Confirm suction, lid seal and normal sound.<br>5. Extract; maximum liquid temperature 35°C. | Tank level and float response<br>Suction and motor sound<br>Pump discharge and hose security<br>Foam, mist or water at exhaust<br>Lead, hose and trip hazards |

## Stop immediately if

- Water, mist or foam leaves the exhaust.
- Smoke, sparks, arcing, burning smell, abnormal heat, repeated tripping, sudden noise or heavy vibration occurs.
- A discharge hose disconnects, bursts or blocks, or the unit tips and liquid may enter the motor compartment.

## Shutdown

1. Stop both vacuum motors.
2. Let pump-out finish, then switch the pump off.
3. Unplug at the wall with dry hands, then disconnect the machine end.
4. Drain, clean and flush the tank, basket, float and hoses.
5. Refit the side drain cap and leave the tank ventilated until dry.

**DANGER - WET ELECTRICAL CONTROLS** Never touch the plug, lead or switches while standing in water. Isolate power from a dry location.

Support: www.pro-venta.com | info@pro-venta.com

SECTION C

# Glossary

Terms used in this manual.

| Term | Meaning |
|---|---|
| Camlock | Quick-release cam-and-groove coupling; DN20 (3/4 in.) on the rear pump-out outlet. |
| Check valve | One-way valve that limits discharged liquid flowing back toward the tank. |
| Extraction only | The machine recovers liquid; it does not supply water, chemical or pressure. |
| High-level float | Device that restricts airflow when liquid level rises too high. |
| Lift | Vertical height through which the pump must move liquid; greater lift reduces flow. |
| Nominal capacity | Stated tank capacity; usable volume is affected by the basket and float operating level. |
| Pump-out | Level-controlled discharge of recovered liquid through the rear outlet. |
| RCD | Residual current device that disconnects supply when earth leakage is detected. |
| Rotomoulded | Rotationally moulded polyethylene construction used for the body and tank. |
| Test and tag | Periodic inspection and electrical testing of portable equipment by a competent person. |
| TWO-STAGE MOTOR | Vacuum motor using two impeller stages to generate vacuum performance. |
| Waste/drain hose | Capped side hose for manual emptying with the machine off and unplugged. |

**NOTICE - TERMINOLOGY** DN20 and 3/4 in. refer to the nominal size of the pump-out connection, not the outside diameter of every fitting or hose.

SECTION D

# Inspection and Service Record

Record electrical inspections, repairs, decontamination events and major parts replacement. Attach additional pages when required.

| Date | Hours / condition | Work completed / parts | Technician / record |
|---|---|---|---|
| | | | |
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| | | | |
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## Decontamination / exposure notes

| Date | Contaminant / chemical | Procedure and outcome | Operator |
|---|---|---|---|
| | | | |
| | | | |

**NOTICE - RECORDS** Keep proof of purchase, electrical test results and service documents with the machine's asset record.

www.pro-venta.com

Support: info@pro-venta.com

# PVX-45

## PROFESSIONAL FLOOD EXTRACTOR



www.pro-venta.com

Support: info@pro-venta.com

PV-PVX45-ANZ-EN-V1.6 REVISION 1.6 SEPTEMBER 2026

**WARNING - KEEP WITH THE UNIT**
**Read the safety and operating instructions before use. Retain this manual for the life of the machine.**