

XPOtool 63489

XPOtool Compact 3-in-1 Lifting Pump User Manual

Model: 63489

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, installation, and maintenance of your XPOtool Compact 3-in-1 Lifting Pump. Please read this manual thoroughly before installation and use, and keep it for future reference. This pump is designed for reliable wastewater disposal from various sanitary installations in domestic environments.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in electric shock, fire, serious injury, or property damage.

- Always disconnect the power supply before performing any maintenance, cleaning, or troubleshooting.
- Ensure the pump is installed by a qualified professional in accordance with local plumbing and electrical codes.
- Do not operate the pump if the power cord or plug is damaged.
- This pump is designed for domestic wastewater only. Do not pump flammable liquids, corrosive chemicals, or solid objects larger than specified.
- Ensure proper ventilation around the pump to prevent overheating.
- Keep children and unauthorized persons away from the pump during operation.
- The pump must be grounded.

3. PRODUCT OVERVIEW

3.1 Components and Features

The XPOtool Compact 3-in-1 Lifting Pump is a versatile solution for managing wastewater in areas without direct gravity drainage. It features an integrated macerator for efficient waste breakdown and multiple inlets for connecting various sanitary fixtures.



Figure 3.1: XPOtool Compact 3-in-1 Lifting Pump and accessories.

Key Features:

- **Integrated Macerator:** Ensures reliable evacuation of wastewater, including from toilets.
- **High Flow Capacity:** Up to 100 liters per minute (6000 l/h).
- **Versatile Connections:** Three Ø 40 mm inlets for simultaneous connection to multiple sanitary installations (e.g., shower, bathtub, sink).
- **Powerful Discharge:** Maximum vertical discharge height of 8.5 meters and horizontal distance of 85 meters.
- **Compact Design:** Allows for discreet installation in confined spaces.
- **Quiet Operation:** Low noise level of 30-40 dB for minimal disturbance.
- **Integrated Non-Return Valve:** Prevents backflow of wastewater, enhancing safety and pump longevity.
- **Durable Motor:** 250W motor with copper winding for efficient and reliable performance.

Puissante et efficace



Figure 3.2: Pump installed under a sink, demonstrating discharge capabilities.

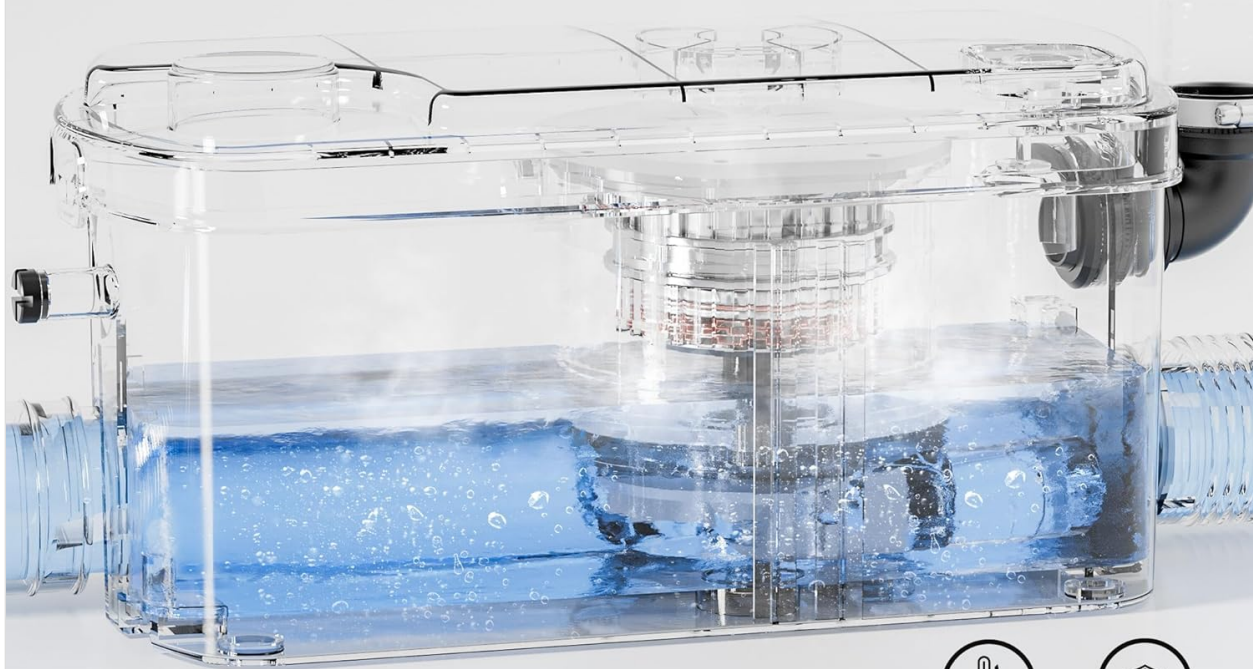
Moteur 250 W avec enroulement en cuivre

65°C

Utilisation en continu

80°C

4 heures au max.



Résistance à la chaleur



Durable

Figure 3.3: Internal view of the 250W motor with copper winding.

3.2 Delivery Content

Verify that all components listed below are present and undamaged upon unpacking.

Contenu de la livraison



Pompe eaux sales x1



Clapet anti-retour x1



Capuchon d'entrée x1



Tuyau de connexion d'entrée x2



Pied en caoutchouc x4



Collier de serrage
(Ø 20-32 mm) x 1



Collier de serrage
(Ø 25-40 mm) x 1



Collier de serrage
(Ø 32-50 mm) x 4



Support x2



Vis x2

Figure 3.4: All components included in the delivery.

- XPOtool Compact 3-in-1 Lifting Pump (x1)
- Non-return valve (x1)
- Inlet cap (x1)
- Connection pipes (x2)
- Rubber feet (x4)
- Hose clamps (various sizes: Ø 20-32 mm x1, Ø 25-40 mm x1, Ø 32-50 mm x4)
- Mounting supports (x2)
- Screws (x2)

4. SETUP AND INSTALLATION

Proper installation is crucial for the pump's performance and longevity. Consult a qualified plumber or electrician if you are unsure about any steps.

4.1 Placement

- Place the pump on a flat, stable surface near the sanitary fixtures it will serve.
- Ensure sufficient space for ventilation and access for maintenance.
- The pump should be installed in a dry, frost-free environment.

4.2 Connecting Inlets

- Connect the wastewater outlets from your sink, shower, bathtub, or toilet to the Ø 40 mm inlets on the pump.
- Ensure all connections are secure and watertight. Use the inlet caps for any unused inlets.

4.3 Discharge Pipe Connection

- Connect the pump's discharge outlet (23/28 mm) to your main drainage system.
- Install the non-return valve on the discharge pipe to prevent backflow.
- Ensure the discharge pipe has a continuous upward slope to the main drain, or follows the recommended vertical and horizontal discharge limits.



Figure 4.1: Discharge height and distance capabilities.

4.4 Electrical Connection

- Connect the pump to a grounded electrical outlet (240 Volts).
- Ensure the electrical circuit is protected by a residual current device (RCD) for safety.

5. OPERATING INSTRUCTIONS

The XPOtool Compact 3-in-1 Lifting Pump operates automatically. When wastewater enters the pump, a pressure switch activates the motor, and the macerator grinds any solids before the pump discharges the liquid.

- Once installed and connected, the pump is ready for operation.
- Ensure all connected sanitary fixtures are functioning correctly.
- The pump will activate automatically when wastewater reaches a certain level inside the unit.
- The pump will stop automatically once the wastewater has been discharged.

5.1 Applications

This pump is suitable for various domestic wastewater applications:

Large gamme d'applications

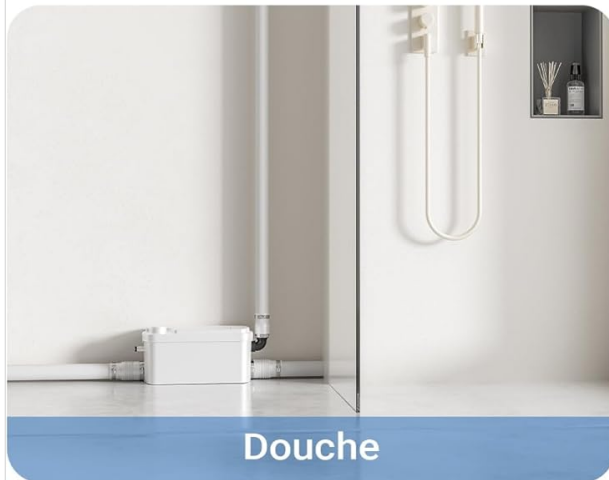


Figure 5.1: Wide range of applications.

- **Showers:** Ideal for low-level shower trays.
- **Sinks/Lavabos:** For kitchen or bathroom sinks.
- **Toilets/WC:** Handles wastewater from toilets with an integrated macerator.
- **Bathtubs:** For efficient drainage of bathwater.
- **Laundry Rooms:** Can be connected to washing machines (ensure no excessive lint or large debris).

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your pump.

- **Cleaning:** Periodically clean the pump and its surroundings. Ensure no debris obstructs the inlets or outlets.
- **Inspection:** Regularly inspect the power cord, connections, and pipes for any signs of wear, damage, or leaks.

- **Winterization:** If the pump is in an area prone to freezing, ensure it is drained and protected from frost during cold periods.
- **Professional Service:** For internal cleaning or complex issues, it is recommended to contact a qualified service technician.

CAUTION: Always disconnect power before any maintenance.

7. TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Pump does not start	No power supply Blocked impeller/macerator Float switch stuck	Check power connection and circuit breaker Disconnect power and clear blockage Check float switch movement
Pump runs continuously	Float switch stuck in 'on' position Leak in the system Non-return valve faulty	Check float switch movement Inspect all connections for leaks Check and replace non-return valve if necessary
Pump is noisy or vibrates excessively	Foreign object in pump Improper installation/mounting Worn bearings	Disconnect power and clear foreign object Ensure pump is level and securely mounted Contact qualified service technician
Pump not discharging water	Discharge pipe blocked Non-return valve stuck closed Insufficient power	Check and clear discharge pipe Inspect non-return valve Verify power supply meets specifications
Water backflow	Non-return valve faulty or missing	Install or replace non-return valve

8. SPECIFICATIONS

Détails du produit

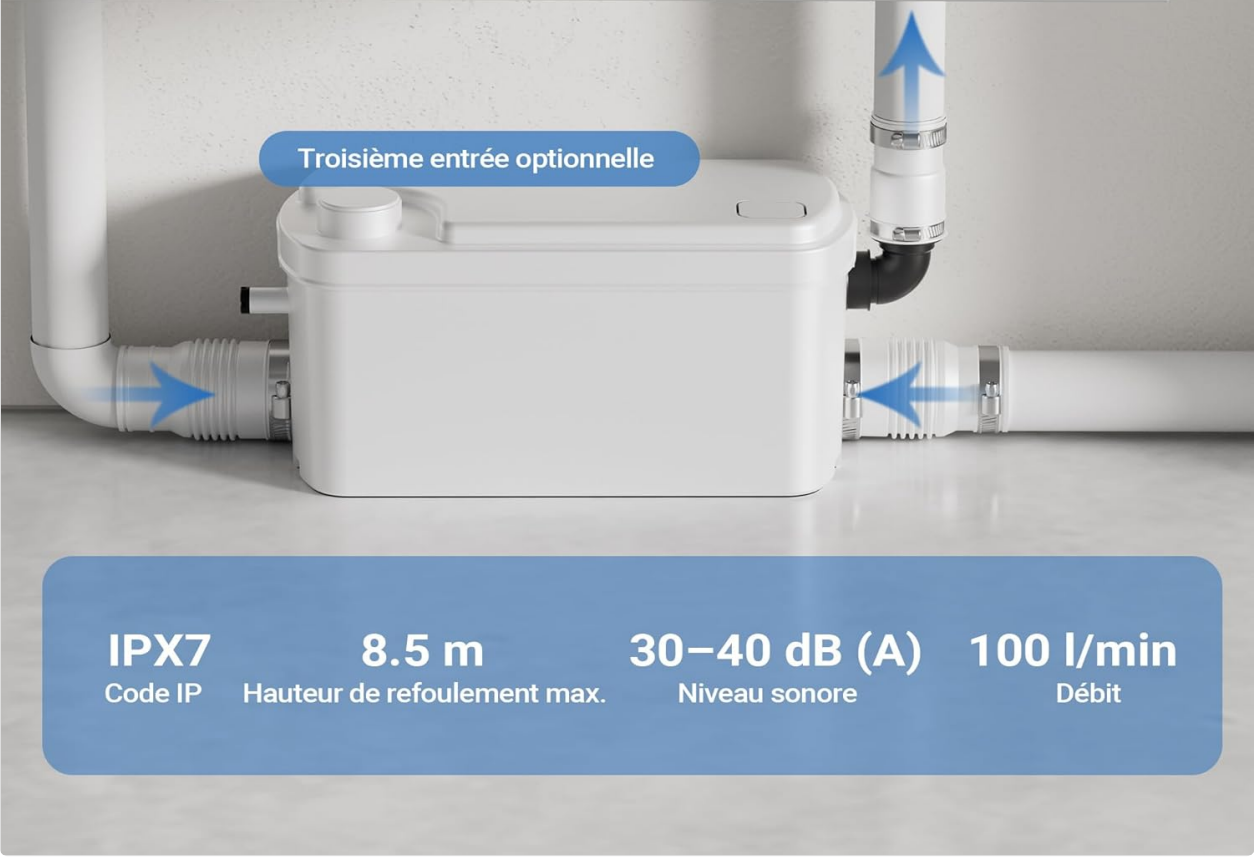


Figure 8.1: Key product specifications.

Dimensions du produit

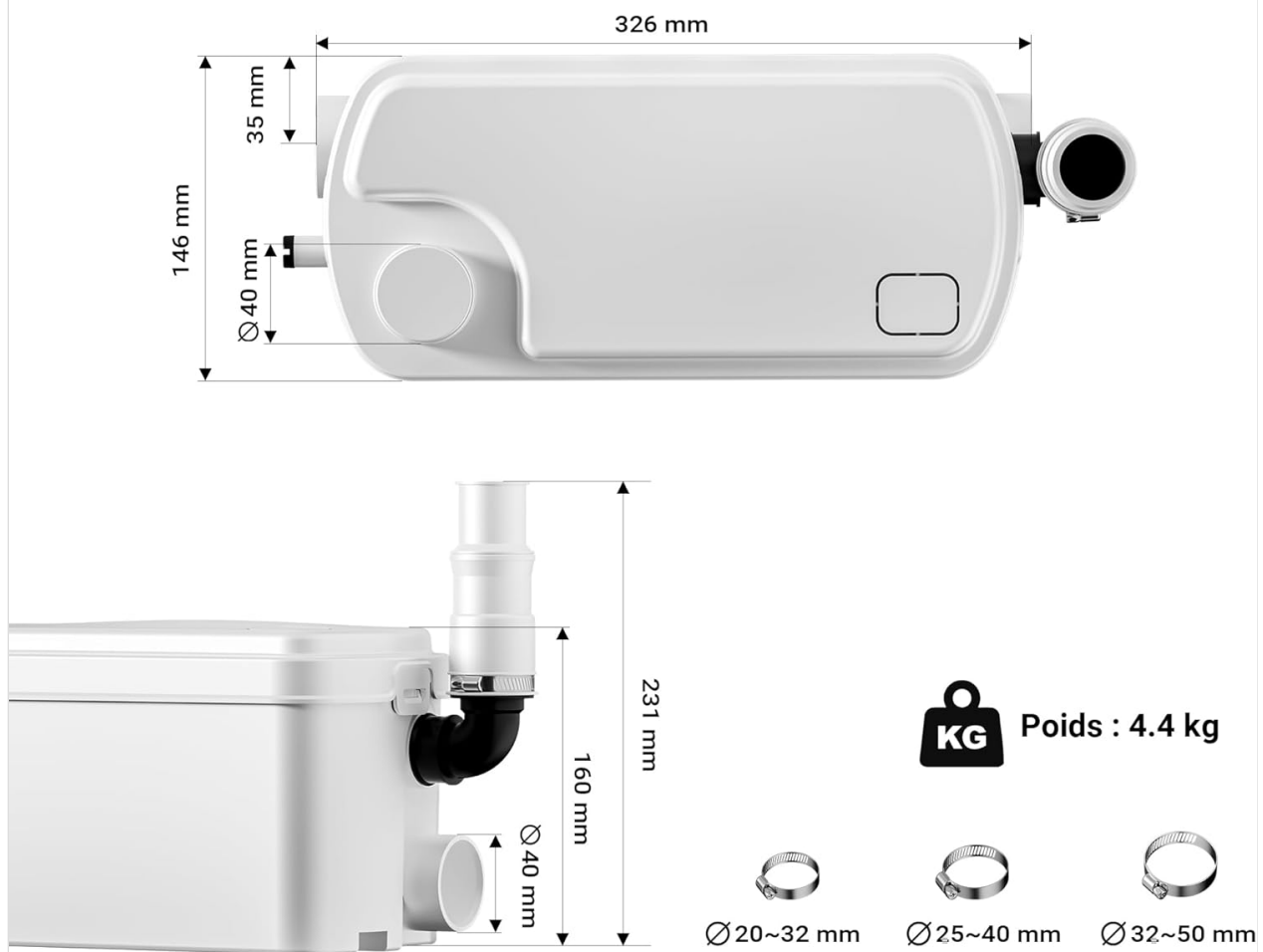


Figure 8.2: Product dimensions.

Specification	Value
Model	63489
Power	250 W
Voltage	240 Volts
Max. Flow Rate	100 Liters per minute (6000 l/h)
Max. Vertical Discharge Height	8.5 Meters
Max. Horizontal Discharge Distance	85 Meters
Inlet Diameter	3 x Ø 40 mm
Outlet Diameter	23/28 mm
Noise Level	30-40 dB
IP Code	IPX7
Dimensions (L x W x H)	33 x 14.6 x 23.1 cm

Specification	Value
Weight	3.93 Kilograms
Material	Aluminum





9. WARRANTY AND SUPPORT









XPOtool products are manufactured to high-quality standards. For information regarding warranty, returns, or technical support, please refer to your purchase documentation or contact the seller directly. Keep your proof of purchase for any warranty claims.

For further assistance, you may contact Wiltec Wildanger Technik GmbH, the seller of this product.

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Related Documents - 63489

<div><div><div>Manual de Instrucciones</div><div>Pequeño triturador sanitario 3/1</div><div></div><div></div></div></div>	<p>Manual de instrucciones: Triturador Sanitario XPOtool 3/1</p> <p>Manual de instrucciones detallado para el triturador sanitario XPOtool 3/1, cubriendo instalación, funcionamiento, seguridad, especificaciones técnicas y solución de problemas.</p>
<div><div><div>Instruction Manual</div><div>Waste Water Pump</div><div></div><div></div></div></div>	<p>XPOtool Waste Water Pump 61962 Instruction Manual</p> <p>Comprehensive instruction manual for the XPOtool 61962 Waste Water Pump, covering safety, installation, operation, maintenance, and technical specifications. Learn how to safely and effectively use your submersible pump.</p>

<div><div>Mode d'emploi</div><div>Pompe de jardin</div><div><div>XPOtool</div><div></div><div></div></div></div>	<div><div>XPOtool Jardin Pompe Mode d'emploi 63037, 63038</div><div>Manuel d'utilisation détaillé pour la pompe de jardin XPOtool, articles 63037 et 63038. Ce guide couvre les instructions de sécurité, la description du produit, les spécifications techniques, la configuration, la maintenance et le dépannage.</div></div>
<div><div></div><div><div>XPOtool</div><div></div><div></div></div></div>	<div><div>Mode d'emploi Pressostat Série EPC - XPOtool</div><div>Manuel d'utilisation complet pour les pressostats XPOtool série EPC (EPC-1.1, EPC-4, EPC-5, EPC-5.1). Inclut l'installation, le fonctionnement, la sécurité, les spécifications techniques, le câblage et le dépannage.</div></div>
<div><div>User's manual</div><div>Workshop Tool Cart with 3 Trays</div><div><div>XPOtool</div><div></div><div></div></div></div>	<div><div>XPOtool Workshop Tool Cart with 3 Trays User Manual</div><div>User manual for the XPOtool Workshop Tool Cart with 3 Trays (Item 62316). This document provides essential safety instructions, assembly steps, and a detailed parts list for proper operation and maintenance. Published by WiTec Wildanger Technik GmbH.</div></div>
<div><div>Gebbruikershandleiding</div><div>Drukschakelaar EPC-serie</div><div>EPC-1.1, EPC-4, EPC-4 met kabel, EPC-5, EPC-5 met kabel, EPC-5.1</div><div><div>XPOtool</div><div></div><div></div></div></div>	<div><div>Gebruikershandleiding Drukschakelaar EPC-serie</div><div>Handleiding voor de XPOtool EPC-serie drukschakelaars (modellen EPC-1.1, EPC-4, EPC-4 met kabel, EPC-5, EPC-5 met kabel, EPC-5.1). Bevat installatie-, gebruiks-, technische specificaties, veiligheidsinstructies en probleemoplossingen.</div></div>