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› [Ristow](#) /

› [RV Macerator Pump 12V, 12GPM RV Waste Water Pump Self-Priming Sewer Pump with Garden Hose Discharge Port, Quick Release Sewage Pump User Manual](#)

Ristow RV Macerator Pump 12V

Ristow RV Macerator Pump 12V User Manual

Model: RV Macerator Pump 12V

PRODUCT OVERVIEW

The Ristow 12V RV Macerator Pump is designed for efficient and convenient waste water management in RVs. It features a powerful 12 GPM/45 LPM flow rate, capable of emptying a 150L sewage tank in approximately 5 minutes, and can pump over longer distances. Constructed with a 100% pure copper motor, it ensures stable operation with low noise and superior heat dissipation. The pump is equipped with stainless steel four-spiral blades for effective waste crushing, reducing solids to 1/8 inch (4 mm) maximum. Safety features include run-dry protection and thermal protection. This complete kit provides all necessary components for easy installation and includes a fresh water rinse port for simple cleaning.

Key Features

- Efficient & Self-Priming: 12 GPM/45 LPM flow rate, lifts up to 10ft.
- Low Noise & Durable: 100% pure copper motor for stable, quiet operation and faster heat dissipation.
- Crushing Design: Stainless steel four-spiral blades reduce waste to 1/8 inch (4 mm).
- Over Thermal Protection: Motor designed with run-dry and thermal protection functions.
- Washable Function: Equipped with fresh water rinse port for easy cleaning.

GREAT PERFORMANCE DC MOTOR 100% PURE COPPER CORE

- Low Noise
- Overheat Protection
- 30 Seconds Run Dry Protection



Image: The Ristow Macerator Pump highlighting its 100% pure copper motor, low noise, overheat protection, and 30-second run dry protection.

WHAT'S IN THE BOX

- 1 x Macerator Pump
- 1 x Connector with On/Off Valve for Fresh Water Port
- 1 x 7.6ft Cigarette Lighter Cable
- 1 x 1.3ft Alligator Clip Wires
- 1 x 3/4 inch GHT Hose Connector
- 1 x Transparent Hose (10 inches)
- 2 x Hose Clamps
- 1 x User Manual



Image: All items included in the Ristow RV Macerator Pump kit, including the pump, various cables, connectors, and hoses.

SETUP AND INSTALLATION

1. **Connect Transparent Hose:** Attach the provided 10-inch transparent hose to the pump's inlet using a hose clamp. This hose connects to your RV's waste outlet.
2. **Connect Garden Hose:** Attach your garden hose to the 3/4 inch GHT hose connector on the transparent hose. This will be your discharge line.
3. **Connect Fresh Water Inlet:** The pump features a fresh water rinse port. Connect the provided connector with the on/off valve to this port. This allows for flushing the system with fresh water.
4. **Secure to RV Waste Outlet:** Connect the pump's main inlet to your RV's black/gray water waste outlet. Ensure a secure, leak-free connection.
5. **Choose Power Source:** Select either the 7.6ft cigarette lighter cable or the 1.3ft alligator clip wires to power the 12V DC pump.

6. **Power On:** Use the inline on/off switch on the power cable to activate the pump.



Image: Visual guide showing the six steps for installing the macerator pump, including hose and power connections.

Power Options

- **Cigarette Lighter Plug:** For convenient connection to a 12V vehicle outlet.
- **Alligator Clips:** For direct connection to a 12V battery (e.g., RV battery or tow vehicle battery).



Image: Detailed diagram illustrating the water inlet, discharge port, on/off switch, and car adapter/battery clip power options.

OPERATING INSTRUCTIONS

Once the pump is securely connected and powered, ensure your discharge hose is directed to an appropriate waste disposal site (e.g., septic system). Open the black water tank valve first. Activate the pump using the inline switch. The pump will begin to macerate and discharge the waste. The transparent section allows you to monitor the flow. After the black tank is empty, close its valve and open the gray water tank valve to rinse the system. It is recommended not to run the pump for more than 30 seconds at a time without liquid to prevent thermal overload. This pump is designed for black and gray water only; do not use it for flammable liquids.

10FT
vertical prime

101FT
horizontal prime

SELF PRIMING

101ft(30m)

10ft(3m)

Image: The macerator pump illustrating its self-priming ability with vertical and horizontal lift capabilities.

MAINTENANCE

The Ristow Macerator Pump is designed for easy maintenance. After each use, utilize the fresh water rinse port to flush the pump and hoses thoroughly. This helps prevent clogs and keeps the system clean. Ensure all connections are tight and free of leaks before and after use. Store the pump and accessories in the provided carrying pouch in a dry, protected area when not in use.



Image: Features of the macerator pump including a stable base, waterproof ABS shell, and fuse wire, contributing to its durability and ease of cleaning.

TROUBLESHOOTING

- **Pump Stops During Operation:** The motor has an over thermal protection function. If the pump overheats, it will automatically shut off. Allow it to cool down before resuming operation.
- **Pump Not Operating:** Check the power connections to ensure they are secure. Verify the 20-amp fuse located within the cigarette lighter plug (if used) is intact.
- **Reduced Flow/Clogging:** Ensure no hard objects, sanitary napkins, or rags are introduced into the waste tanks, as these are not recommended for the macerator. Regular flushing helps prevent buildup.
- **Run Dry Protection:** Avoid running the pump dry for extended periods (more than 30 seconds) as this can damage the pump.

SPECIFICATIONS

Attribute	Value
Brand	Ristow
Model	RV Macerator Pump 12V
Power Source	Corded Electric (12V DC)
Maximum Flow Rate	12 Gallons Per Minute (45 Liters Per Minute)
Maximum Lifting Height	10 Feet
Material	Stainless Steel (blades)
Product Dimensions	12.4"L x 6.1"W x 4.5"H
Item Weight	7.04 pounds

WARRANTY AND SUPPORT

RISTOW offers a 4-year warranty and a 100-day hassle-free refund for this product. For any problems or support needs, please contact RISTOW customer service. They provide 5*24H professional support to help resolve any issues you may encounter.

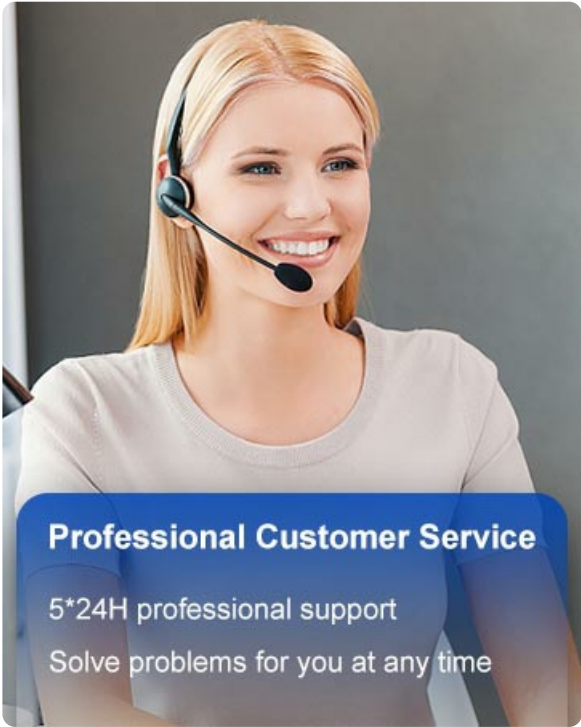
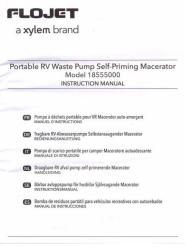
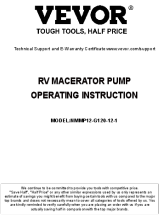
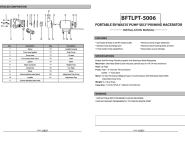




Image: RISTOW's professional customer service team is available to assist with product inquiries and support.

Related Documents - RV Macerator Pump 12V

	<p>FLOJET 18555000 Portable RV Waste Pump Self-Priming Macerator: Instruction Manual</p> <p>Instruction manual for the FLOJET 18555000 Portable RV Waste Pump Self-Priming Macerator. Details features, specifications, application, wiring, operation, disassembly, assembly, and parts for RV waste management.</p>
	<p>VEVOR RV Macerator Pump Operating Instructions</p> <p>Comprehensive operating instructions for the VEVOR RV Macerator Pump, Model NMMP12-G120-12-1. Includes features, specifications, product list, wiring diagram, detailed composition, operating instructions, electrical instructions, and troubleshooting.</p>
	<p>BFTLPT-5006 Portable RV Waste Pump Self-Priming Macerator Installation Manual</p> <p>Installation manual for the BFTLPT-5006 portable RV waste pump self-priming macerator. Includes detailed composition, features, specifications, wiring diagram, operating instructions, electrical instructions, and maintenance procedures.</p>
	<p>Adaptable Waste Pump for Toilet: Installation and Utilization Instructions</p> <p>This document provides comprehensive installation and usage instructions for an adaptable waste pump for toilets, also known as a macerator pump or HEBEANLAGE. It details technical specifications, safety warnings, installation procedures, operating principles, maintenance, and disposal guidelines.</p>
	<p>SUPERFLO Adaptable Waste Pump for Toilet - Installation and Utilization Instructions</p> <p>This document provides comprehensive installation and utilization instructions for the SUPERFLO adaptable waste pump and macerator toilet system. It covers technical specifications, safety warnings, connection procedures, operating principles, maintenance, and disposal guidelines.</p>

Manual de instrucciones

Pequeño triturador sanitario

62138, 62139

wiltec



Pequeño triturador sanitario (ver página 11)

Las instrucciones de instalación de los productos Wiltec deben ser seguidas cuidadosamente en todo momento para garantizar el correcto funcionamiento de los mismos.
No se recomienda el uso de productos químicos agresivos en el sistema.
El uso de los productos Wiltec debe ser siempre en su lugar y según el manual de instrucciones.
Reservados todos los derechos.

[WilTec Small Sanitary Macerator 62138, 62139 - Instruction Manual](#)

Comprehensive instruction manual for the WilTec Small Sanitary Macerator models 62138 and 62139. Covers safety guidelines, general information, technical data, operating conditions, installation, troubleshooting, and maintenance.