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Model Number: 8.712-622.0

Karcher: Unloader/Regulator (HM) 10.8/3 - 8.712-622.0 - Legacy Shark

Manufacturer: Karcher Pressure Washing

Karcher 8.712-622.0 HM Unloader / Regulator &ndash; 10.8 GPM, 3000 PSI

Karcher part number 8.712-622.0 is an HM style pressure washer unloader / regulator used on select Karcher, Landa, Legacy, Hotsy, and Shark pressure washer systems.

This valve helps regulate pump pressure and bypass excess water flow when the trigger gun is released.

Key Specifications

Part Number

8.712-622.0

Description

HM Regulator / Unloader

Pressure Range

0&ndash;3000 PSI

Flow Range

1.3&ndash;10.8 GPM / commonly listed as 1.4&ndash;10.8 GPM

Inlet

3/8 in. FPT

Outlet

3/8 in. MPT

Bypass

3/8 in. FPT

Body / Seat

Brass body with stainless steel valve and seat

Common Repair Kit

8.702-860.0 Repair Kit #72

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## Common Cross Reference

- Karcher: 8.712-622.0
- Landa / Legacy / Shark / Hotsy: HM 10.8/3 Unloader Regulator
- Old reference number commonly listed: 462575
- General Pump style HM / ZKHM unloader valve

## What This Part Does

The unloader valve is one of the most important safety and pressure control parts on a pressure washer. When the spray gun is closed, the unloader redirects water flow into bypass instead of allowing pressure to build against the pump. A worn, sticking, or incorrectly adjusted unloader can cause pressure fluctuation, low pressure, pump cycling, overheating in bypass, or hard starting.

## Before Ordering

- Match the part number 8.712-622.0 to your machine parts breakdown whenever possible.
- Confirm pressure, flow, and port orientation before installation.
- Do not order by appearance only. Similar unloaders can have different pressure ratings, port sizes, bypass styles, or mounting layouts.
- Installation and pressure adjustment should be performed by a qualified pressure washer technician.

## Frequently Asked Questions

Is this a pressure regulator or an unloader?

It performs both functions. It regulates operating pressure and unloads/bypasses excess water when the trigger gun is released.

What pressure is this rated for?

This HM regulator / unloader is commonly listed for adjustable pressure up to 3000 PSI.

What flow range does it handle?

Published references list this valve in the 1.3&ndash;10.8 GPM or 1.4&ndash;10.8 GPM range depending on source formatting.

What repair kit is used?

The commonly listed repair kit is 8.702-860.0 Repair Kit #72.

Will this fit my pressure washer?

Fitment depends on the exact machine model, pump, plumbing, and part number in your factory parts diagram. Please verify by part number before purchase.

## Shipping Note

Steam Brite ships small parts by UPS, FedEx, and USPS when practical. Website availability means the item can be ordered, but it may ship from Steam Brite inventory, factory inventory, or a supplier warehouse depending on current stock.

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*Availability: This product was added to our catalog on Friday 06 June, 2014*

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