Karcher 8.751-198.0, Belt Drive High Pressure Pump, GM4030R.2 4gpm 3000psi 8.2hp 1000rpm 24mm, GTIN 4039784593497



Model Number: 8.751-198.0

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Manufacturer: Karcher Pressure Washing

Karcher 8.751-198.0 GM4030R.2 Belt Drive High Pressure Pump
The Karcher / Legacy HD GM4030R.2 Pump (Part #8.751-198.0) is a commercial-duty belt-drive triplex plunger pump engineered specifically for professional pressure washing systems requiring dependable 4.0 GPM flow at 3,000 PSI. Featuring a 24mm right-hand solid shaft and low 1,000 RPM operating speed, this pump delivers superior longevity, cooler operating temperatures, and reduced wear compared to higher-speed alternatives.
Designed as a direct replacement for Legacy LM4030R.2 and Karcher KM4030R.2 pumps, the GM4030R.2 incorporates numerous heavy-duty improvements including forged brass manifolds, oversized bearings, ceramic plungers, stainless steel valves, and premium high-temperature seals. These upgrades make it an excellent choice for pressure washing contractors, fleet washing operations, agricultural cleaning, and industrial maintenance applications. Photo to the right is how this pump used to look before 2010.
Key Features

- 4.0 GPM maximum flow rate
- 3,000 PSI operating pressure
- Low-speed 1,000 RPM design
- 24mm right-hand solid shaft
- Requires approximately 8.2 HP input power
- Forged brass manifold with lifetime warranty
- Heavy-duty tapered roller bearings
- Solid ceramic plungers for extended seal life
- Stainless steel inlet and discharge valves
- Long-life high-temperature seals
- Anodized aluminum oil bath crankcase
- Five-year limited manufacturer warranty

Technical Specifications

Manufacturer
Karcher / Legacy HD

Part Number

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8.751-198.0

Model
GM4030R.2

Flow Rate
4.0 GPM

Maximum Pressure
3,000 PSI

Pump Speed
1,000 RPM

Horsepower Required
8.2 HP

Shaft Size
24mm

Shaft Rotation
Right Hand

Pump Type
Belt Drive Triplex Plunger

GTIN
4039784593497

Why Choose a Belt Drive Pump?
Belt-drive pumps operate at significantly lower RPM than direct-drive pumps, allowing them to run cooler and typically last longer under continuous-duty applications. Lower shaft speeds reduce seal wear, bearing stress, and vibration while improving service

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life in demanding commercial environments.
Applications

- Commercial pressure washing
- Fleet washing systems
- Industrial cleaning equipment
- Agricultural wash stations
- Mobile wash trailers
- Truck and equipment cleaning
- Soft wash and downstream systems

Cross Reference

- Karcher KM4030R.2
- Legacy LM4030R.2
- Legacy HD GM4030R.2
- Karcher 8.751-198.0

What Is Included?

- One (1) Karcher / Legacy HD GM4030R.2 Pump
- Factory oil-filled crankcase
- Manufacturer warranty documentation

The Legacy GM4030R.2 is a Pressure Washer Pump with a Right Handed Shaft. Direct replacement for pumps Landa LM4030R.2 , Karcher KM4030R.2. Legacy HD pumps all feature free Hi-Temp seals for even greater durability. 8.751-198.0

Legacy is introducing the next wave in high-pressure pumps, the Legacy HD pump. This heavy-duty high-pressure pump is the outcome of 2 1/2
years of research and development, resulting in a number of upgrades over previous pump models. Premium, long-life components and new design
features make the Legacy HD pump a standout among other high-pressure pumps. Tests prove it will hold up better in rugged working conditions.

We believe the Legacy HD Pump is the strongest, most durable pump in the market. We’ve tested the pump in
extreme conditions and are confident in it’s strength and performance. We ran the pump dry in seperate tests
for 24 hours, and the pump showed no sign of wear.
We challenge you to try the new Legacy HD Pump. Run the pump dry. Run it in bypass. Take it apart and look
how well it holds up. The Legacy HD holds up in these extreme conditions. Imagine how it will perform with

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everyday regular use!

Features:

- Designed and engineered exclusively for pressure washers
- Five year limited warranty
- Forged brass manifold with an exclusive lifetime warranty
- Large capacity, die-cast, anodized aluminum oil-bath crankcase
- Over-sized connecting rods and crankshaft for maximum life
- Heavy-duty tapered roller bearings
- Solid ceramic plungers with mirror finish and corrosion resistance
- Stainless steel inlet and discharge valve assemblies
- Machined stainless steel valve caps with recessed O-rings to withstand high pressures
- Dacromet® coated manifold bolts for superior corrosion resistance
- Long life seals

Availability: This product was added to our catalog on Wednesday 09 February, 2011

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