



RED LION

ENGINE DRIVE PUMP

PRODUCTS





RED LION

Since 1935, Red Lion has delivered quality pumping products that help our customers move water reliably, even in the toughest conditions. Backed by a global company with expertise in the development of industry-leading water systems, our promise is to be there for our customers with pumping solutions and technical support that help them own, install and operate our equipment with confidence.

Find the Right Red Lion Pump

Red Lion makes it easy to select the pump that's right for your application. Follow these guidelines and refer to product packaging for more information on pump performance and capabilities.

What does an Engine Drive Pump do?

Most of the gasoline powered pumps sold in North America are referred to as general purpose, utility or transfer pumps, meaning they move liquid from one point to another. These pumps are often made from lightweight materials that aid with portability.

Types of Engine Drive Pumps

Agricultural

These pumps are designed to handle agricultural chemicals including fertilizer, herbicides and pesticides. Pump construction is primarily either a poly derivative or cast iron. Aluminum is usually not used as it does not provide strong chemical resistance. Solids handling is not required. The seal elastomer is usually EPDM or fluoroelastomer.

Semi-Trash

Semi-trash pumps have some solids handling capabilities. The pump impeller is typically a semi-open vane, providing clearance to pass 1/2" to 3/4" diameter solids. Mechanical seal faces are usually made from a hard material that provides abrasion resistance. These pumps are used for drainage and construction dewatering.

Trash

Trash pumps provide more aggressive solids handling, often 1" in diameter or greater. Typically, these pumps can handle a solid that is no more than 50% of the unit's suction port size. Most manufacturers include a removable casing that allows access to internal hydraulics for cleaning and repair.



GAS ENGINE DRIVE

Category	Construction	Application Examples
General Purpose	Poly Aluminum Cast Iron	Water Transfer Flood Control
Agricultural	Poly Aluminum Cast Iron	Chemical Transfer (Fertilizer) Nurse Trailer
Solids Handling	Aluminum Cast Iron	Construction Semi-Trash Trash



2RLAG-1L - General Purpose



6RLAG-2LST - Solids Handling



6RLPG-2U - Agricultural



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Aluminum Water Transfer Pump 2RLAG-1L

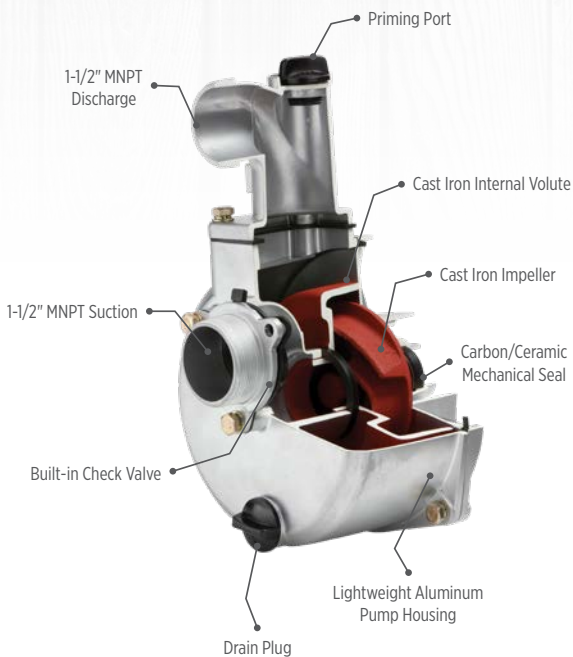
Ideal for general purpose use where portability is required such as liquid transfer or contractor dewatering applications.

- Durable cast iron, semi-open style impeller
- Lightweight aluminum construction with base and handle for portability
- Easy to prime to 25'; no additional priming required after initial fill
- Built-in check valve
- EPA certified
- Includes 1" adapter



Model	Item	Max Flow	Max Head	Suction Lift	Suction/Discharge Size	Fuel Tank	Engine
2RLAG-1L	617031	60 gpm	79'	25'	1.5" x 1.5" MNPT	1.7 qt	Air Cooled, 4 Stroke, OHV (79cc)

This pump is designed for pumping water only.





Aluminum Water Transfer Pump Kit 6RLAG-2LKIT

Ideal for high volume water transfer and dewatering. Can handle liquid slurries including sand, pebbles and suspended solids less than 1/2" in diameter.

- Durable cast iron, semi-open style impeller
- Lightweight aluminum outer casing; includes heavy-duty roll frame
- Built-in check valve
- Kit includes 12' reinforced suction hose with stainless steel strainer, 50' lay-flat discharge hose and attached couplings, as well as two 2" aluminum adapters for use with quick connect couplers
- EPA certified
- Easy to prime to 25'; no additional priming required after initial fill



Model	Item	Max Flow	Max Head	Suction Lift	Suction/ Discharge Size	Fuel Tank	Engine
6RLAG-2LKIT	617044	150 gpm	92'	25'	2" x 2" MNPT	3.8 qt	Air Cooled, 4 Stroke OHV (208 cc)

This pump is designed for pumping water only.



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Aluminum Semi Trash Pump 6RLAG-2LST

Ideal for high volume water transfer and dewatering. Can handle liquid slurries including sand, pebbles and suspended solids less than 1/2" in diameter.

- Durable cast iron, semi-open style impeller
- Lightweight aluminum outer casing includes heavy-duty roll frame
- Wear-resistant silicon carbide mechanical seal
- Easy to prime to 25'; no additional priming required after initial fill
- Built-in check valve
- EPA certified



Model	Item	Max Flow	Max Head	Suction Lift	Suction/ Discharge Size	Fuel Tank	Engine
6RLAG-2LST	617034	150 gpm	92'	25'	2" x 2" MNPT	3.8 qt	Air Cooled, 4 Stroke OHV (208cc)

This pump is designed for pumping water only.



Aluminum Trash Pump 6RLAG-3LTT

Ideal for high volume water transfer and construction-grade dewatering applications. Can handle liquid slurries containing sand, small rocks and other debris less than 1-1/4" in diameter.

- Powered by 208cc hp 4 stroke air cooled OHV engine
- Removable aluminum outer casing with cast iron inner volute and impeller for durability
- Silicon carbide seal for abrasion resistance and trash application
- Handles up to 1-1/4" solids
- Includes heavy-duty roll frame
- EPA certified
- Easy to prime to 25'; no additional priming required after initial fill



Model	Item	Max Flow	Max Head	Suction Lift	Suction/ Discharge Size	Fuel Tank	Engine
6RLAG-3LTT	617038	285 gpm	75'	25'	3" x 3" MNPT	3.8 qt	Air Cooled, 4 Stroke OHV (208cc)

* Not to be used for applying driveway sealant.



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Engine Drive Cast Iron Transfer Pump

5RLGF-8KRF

Ideal for liquid transfer including most agricultural chemicals and general dewatering where rugged portability is important.

- Heavy-duty cast iron pump casing
- Durable cast iron semi-open type impeller
- Stainless steel shaft sleeve and EPDM elastomer seal
- 2" FNPT suction and discharge for convenient hookup
- Easy to prime to 25'; no additional priming required after initial fill
- Handles most liquid agricultural chemicals
- Handles up to 5/8" solid debris
- Powered by Kohler engine
- EPA certified



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Model	Item	Max Flow	Max Head	Suction Lift	Suction/Discharge Size	Fuel Tank	Engine
5RLGF-8KRF	617032	170 gpm	95'	25'	2" x 2" FNPT	3.8 qt	Kohler, air cooled, 4 stroke, OHV (196cc)

Not to be used for applying driveway sealant.



Thermoplastic Chemical Transfer Pump 6RLPG-2U

Ideal for sprayer applications such as liquid fertilizers and ag chemicals.

- Lightweight corrosion-resistant polyester pump housing and impeller
- Easy to prime to 25'; no additional priming required after initial fill
- Integrated check valve and carry handle
- Rubber feet to dampen vibration
- EPA certified
- Carbon ceramic with EPDM elastomer seal



Model	Item	Max Flow	Max Head	Suction Lift	Suction/Discharge Size	Fuel Tank	Engine
6RLPG-2U	617070	195 gpm	135'	25'	2" x 2" FNPT	3.8 qt	Air Cooled, 4 Stroke OHV (212cc)



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Our hose kits are designed to work with engine drive water pumps and include all of the attachments required to complete your applications. Temperature range is 15°F to 150°F.

2" HOSE KIT

2HKP Includes:

- 12' reinforced suction hose
- 50' lay-flat discharge hose with attached couplings
- Two 2" aluminum adapters (for use with quick connect couplers)
- Stainless steel strainer



3" HOSE KIT

3HKM Includes:

20' PVC suction hose and 50' discharge hose assemblies in 3" ID for attachment to a poly or cast iron pump.

- 3" steel strainer
- Aluminum adapter for cast iron pump applications
- Spanner wrench



Model	Item	Suction Hose	Discharge Hose
2HKP	617212	2" I.D. x 12' PVC	50' Lay-Flat
3HKM	617201	3" I.D. x 20' PVC	50' Lay-Flat



PUMP REPAIR KITS

Red Lion repair kits help you service and maintain your investment for years to come. Refer to your Owner's Manual for available kits, including:

- Minor Pump Repair Kits
- Major Pump Repair Kits
- Pump Repair Parts

Need help finding the right repair parts for your pump? Reach out to our Technical Service Line at 1.888.885.9254.



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