



80 SERIES®

*Engine-Driven Flammable
Liquid-Handling Pumps*

GR
GORMAN-RUPP
PUMPS

The Pump People®



SHIELD-A-SPARK

80 Series® Self-Priming Centrifugal Pumps

The safest way to handle a hazardous pumping operation is to use a pump that is designed for the job. That's why Shield-A-Spark pumps by Gorman-Rupp feature a spark and splash shielded engine, muffler and fuel cap.

Four Shield-A-Spark models are available in 2" and 3" discharge sizes and are capable of delivering up to 395 gpm and heads up to 140'.

The gasoline engine unit features a

dependable, rugged military or aircraft type spark plug which is radio suppressed and prevents spark gap jumping. A shielded ignition wire provides an enclosed path for high tension spark. The sealed toggle ignition switch is safe and spark free, and the spark-arresting muffler is designed to retard both sparks and flames.

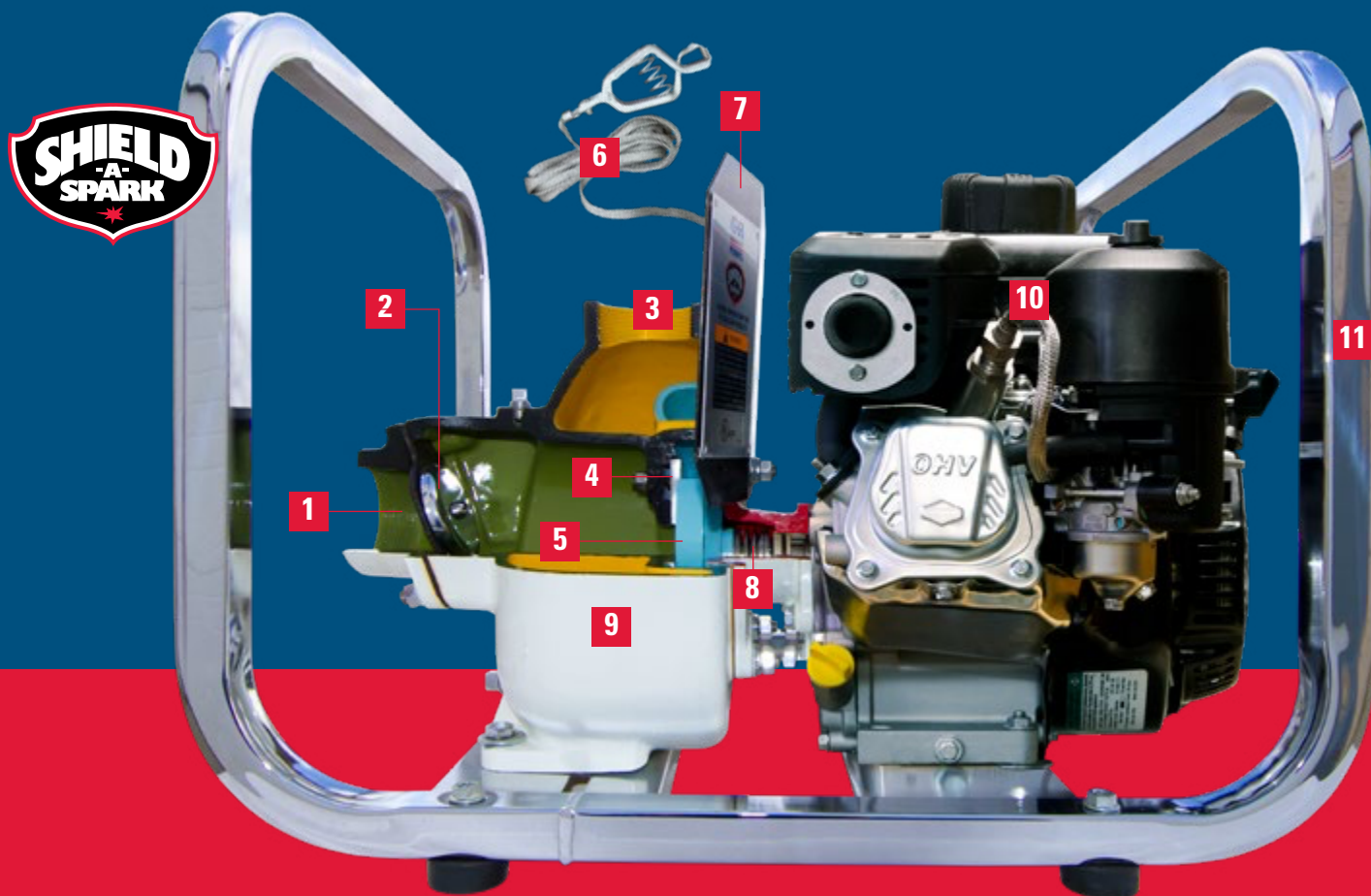
Gasoline and diesel models are available that include non-combustible air filters and long-life valves.



Shield-A-Spark 80 Series® self-priming centrifugal pumps are available for all of your petroleum, industrial, construction and agricultural flammable fluid-handling needs. All diesel-driven models are equipped with the latest engines that meet Tier IV emission regulations.

GORMAN-RUPP 80 SERIES®

Shield-A-Spark Engine-Driven Flammable Liquid Pumps



Model 82D1-XR550-X
(cutaway pictured above)
is a UL listed product in
the United States.

- 01 | Suction Inlet
- 02 | Suction Check Valve
- 03 | Discharge Outlet
- 04 | Replaceable Wearplate
- 05 | High-Efficiency Balanced Impeller
- 06 | Ground Wire Assembly
- 07 | Engine Splash Shield
- 08 | Mechanical Seal
- 09 | Volute
- 10 | Shielded Spark Plug (*Gasoline model only*)
- 11 | Heavy-Duty Roll Cage

Specifications

Pump Discharge Size: 2" (50 mm) to 3" (75 mm)
Max Capacity: 395 GPM (24.9 lps)
Max Head: 140' (42.7 m)
Max Solids: 3/4" (19.1 mm)
Max Temp: 160° F (71° C)
Seal Elastomer: Viton®*
Materials of Construction: Aluminum
Engines: Briggs & Stratton Gasoline,
Hatz & Yanmar Diesel

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Pump Performance Data

2" to 3" 80 Series® Shield-A-Spark Models

