



Pumping Systems

Circulate **RYDLYME** through your critical equipment to most effectively dissolve water scale deposits!

Apex Engineering Products' industrial descaling systems circulate **RYDLYME** to dissolve mineral deposits from Heat Exchangers, Cooling Towers, Condensers, Chillers, Boilers, Vacuum Pumps and other water-operated equipment.

RYDLYME Industrial Descaling Systems are specifically designed to circulate **RYDLYME** through a vast array of equipment and systems keeping your facility in peak operating condition. We proudly offer Iwaki seal-less magnetic drive pumps and air operated double diaphragm pumps. For added convenience, all of our pumping systems are equipped with high-quality Ipx true-union valves and transparent Tygon rubber hoses.



Model 10MDO & 15MDO

The 1" **Model 10MDO** Iwaki Magnetic Drive Pump Only is a seal-less ½ HP centrifugal type constructed with long lasting materials perfectly suited for **RYDLYME**. This unit weighs 46 pounds and comes with a 9' power supply cord and sturdy foot plate. It can operate up to 40 GPM or 51' head.

The 1½" **Model 15MDO** unit is a ¾ HP pump that contains the same high quality attributes and expands capacity up to 75 GPM or 45' head.



PumpMaster 115V

The **PumpMaster 115V** Industrial Descaling System comes with a 3/4-inch, seal-less magnetic twin-bearing pump. The PM115 is constructed with durable material, includes power supply cord, robust 12-gallon recirculating bucket and two 3/4-inch diameter x 10' hoses. Features a centrifugal pump design equipped with a Totally Enclosed Non-Ventilated (TENV) permanent magnetic motor that produces a maximum flow rate of 4.5 GPM or 35' head. Minor assembly is required.



Model 10MDC

The 1" Pump Complete model is utilized to easily clean your water fouled equipment. This system includes the **Model 10MDO** magnetic drive pump, three 1" diameter x 10' hoses, and bulkhead fittings all packaged in a 14-gallon recirculating bucket. The bucket comes predrilled for the bulkhead fittings and some minor assembly is required prior to use.



Model 10CIP

The "Clean-In-Place" (CIP) Compact Pumping System is designed for cleaning in confined or limited access areas. Features include a 15-gallon recirculating bucket, two 1" diameter x 10' hoses, and a ½ HP 1" magnetic drive pump secured on a steel frame hand truck with 8" pneumatic wheels. The pump motor operates at 3500 RPM, 115/230V, 60 Hz and can achieve up to 40 GPM or 51' head.



Model 15MDC

The 1 1/2" Magnetic Drive Pump Cart system is our most versatile and convenient package. The **15MDO** is mounted on a 2' by 4' heavy-duty plastic cart with 8" swivel wheels. This high quality system includes a 30-gallon circulation bucket with a drain valve coupled via bulkhead fittings to multiple true-union valves for simplistic operation. The pump is GFCI wired and operated by a switch in a mounted weatherproof electrical box complete with a 20' power cord. A by-pass system is hard piped into this unit to accommodate both small and large applications, as well as water flushing the unit upon job completion. This system is fully assembled, includes three 1 1/2" diameter x 10' hoses and is ready for immediate use.



Model 10PPO & 15PPO

The Iwaki Air AODD pumps offer higher capacity and can easily handle lengthy discharge lines, high head pressures and large volumes. The 1" **Model 10PPO** Pneumatic Pump Only is extremely portable at 29 pounds.

The 63 pound 1 1/2" **Model 15PPO** Pneumatic Pump Only offers greater flow and head pressure. Also available are 2" and 3" pumps that can achieve even greater flow. **Model 10PPO** Max Flow Rate: 43 GPM Max Discharge Head: 230' **Model 15PPO** Max Flow Rate: 100 GPM Max Discharge Head: 230'



Model 10PPC

The 1" Pneumatic Pump Cart system is a versatile unit assembled on a 2' by 4' heavy-duty plastic cart with 8" swivel wheels.

This high quality system contains a 30-gallon circulation bucket with a drain valve coupled via bulkhead fittings to multiple true-union valves for simplistic operation. Also included are three 1" diameter x 10' hoses for quick setup and operation.



Model 15PPC

The industrial descaling system 15PPC is assembled on a 2'X4' heavy duty plastic cart with 8" swivel wheels. This high quality system contains a 30-gallon recirculating bucket with a drain valve coupled via bulkhead fittings to multiple true-union valves for simplistic operation.

The air operated pump, **15PPO**, is mounted directly to the cart and comes with three 1.5" diameter 10' hoses. The double diaphragm pump is operated by air for explosion proof operation. The system is fully assembled and ready for immediate use.



Model RTK 350

The **RYDLYME** Tankless Kit is specifically designed for use on tankless water heaters. The **RTK** utilizes a submersible, 3/4" magnetic drive pump capable of up to 5 GPM. The kit includes two 6' hoses, 5 gallon circulation bucket and retention clamp. One quart of **RYDLYME** Biodegradable Descaler is recommended per tankless water heater. The **RTK** includes two quarts to facilitate semi-annual cleanings.



Model 75LDP

The 3/4" Liquid Drum Pump is offered as a fast and convenient tool, recommended for the ease of transferring **RYDLYME** from drums to your circulating system. This pump utilizes an 800-watt, 9000 RPM, 115V, 60 Hz motor fitted with a 39" polypropylene tube. This pump has flow rates up to 42 GPM making it an essential addition to your **RYDLYME** preventative maintenance programs.

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