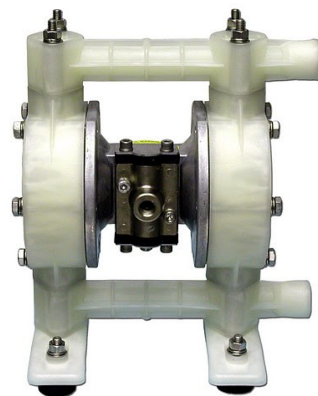




R.A.P.I.D

RAGCO Air Pump Industrial Diaphragm

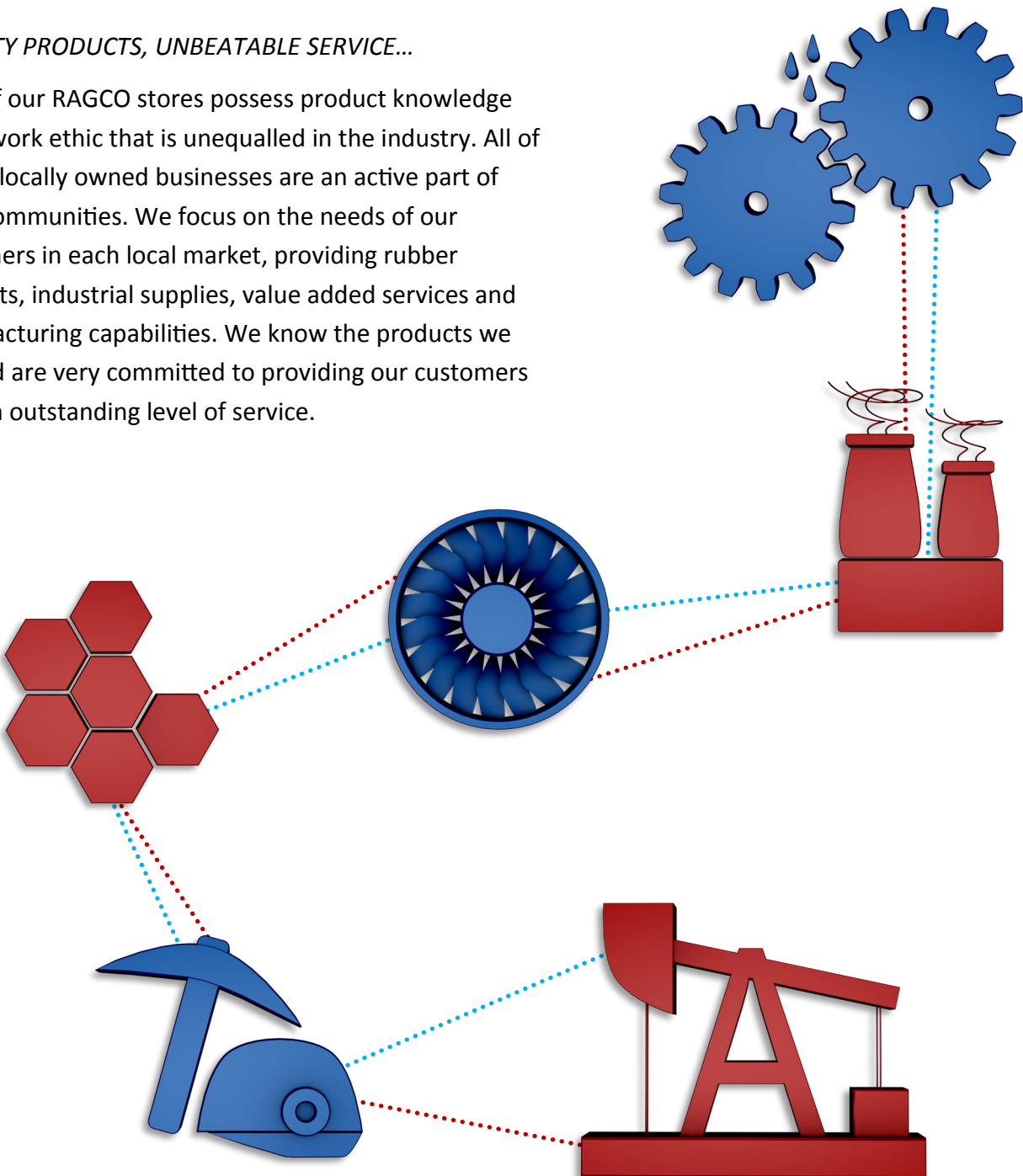


PRODUCT GUIDE



QUALITY PRODUCTS, UNBEATABLE SERVICE...

Each of our RAGCO stores possess product knowledge and a work ethic that is unequalled in the industry. All of our 54 locally owned businesses are an active part of their communities. We focus on the needs of our customers in each local market, providing rubber products, industrial supplies, value added services and manufacturing capabilities. We know the products we sell and are very committed to providing our customers with an outstanding level of service.





Advantages and Characteristics

1. Handle a wide variety of fluids with high solids

content: No close fitting or rotating parts so liquid with high solids content and/or size can be easily pumped.

2. Self Priming: The RAGCO pump design (incorporating internal check valves) provides high suction lift even at dry start-up and with heavier fluids.

3. Ability to run dry: No close fitting or sliding parts are at risk—the pump can run dry without damage.

4. Variable flow rate and discharge pressure: RAGCO pumps will run at any setting within their operating range simply by adjusting the air inlet pressure and system conditions. One pump can fit a broad spectrum of applications.

5. Portable/Simple Installation: RAGCO pumps transport easily to the application site. Simply connect an air supply, attach fluid connections, and the pump is ready to perform. There are no complex controls to install or operate.

6. Dead Head: Because the discharge pressure can never exceed air inlet pressure, the discharge line can be closed with no damage or wear. The pump will simply slow down and stop.

7. Shear sensitive: The gentle nature and minimal parts contact with the liquid make RAGCO pumps an excellent choice for shear sensitive fluids.

8. Safe Operation: Powered by compressed air, RAGCO pumps are intrinsically safe.

9. Submersible: If external components are compatible, RAGCO pumps can be submerged in liquids by simply running the exhaust line above the liquid level.

10. Pumping efficiency remains constant: There are no rotors, gears, or pistons, which wear over time and lead to the gradual decline in performance/flow rate.





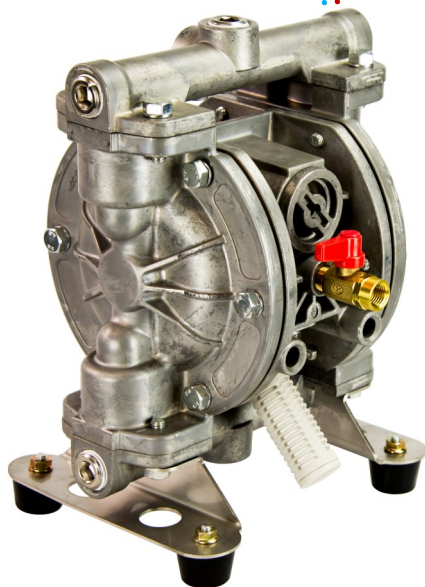
1/2" RG-15 Metal

The RG-15 Series Metal Pumps are designed to provide maximum performance, while maintaining the reliability that you've grown accustomed to from RAGCO.

These 1/2" pumps are perfect for spraying and dispensing applications, particularly when on and off cycling reliability is critical. Constructed of aluminum, it is available with Buna N, TPO, and PTFE elastomers.

Utilizing our new Step Spool (S-Spool), RG-15 uses up to 30% less air than the competition. Maintenance is also simplified with fewer wearing parts.

Suitable for lubricants, diesel, dispensing, spraying, automotive fluid transfer, waste oil, and evacuation.



SPECIFICATIONS

Maximum Flow Rate	15 GPM
Port Size	1/2" Female
Air Supply Pressure	30-100 PSI
Liquid Temperature	32-212°F
Max. Air Consumption	18 SCFM
Air Inlet	3/8" Female NPT
Dry Suction Lift	15'
NPT Dimensions	7.32"L x 7.64"W x 10.4"H
Body Material	Aluminum (ADC 12)
Weight	11.9 lbs.
Diaphragm Materials	Buna N/TPO/PTFE

Features:

- No Lubrication Required
- Stall Free / S-Spool Design
- Fewer Wearing Parts
- Ease of Repair—Quick Teardown / Rebuild
- 30% Less Air Consumption Over Competitor's Pumps
- Perfect for Dispensing and Spraying Applications
- Critical On/Off Cycling
- Optional drum pump conversion kits available!

Accessories:

- RG-1A Filter Regulator
- Air Motor and Liquid Kits



1/2" RG-15 Metal Drum Pump

Everything that the RG-15 Metal have to offer but available as a drum pump!

RAGCO Air-Powered Double Diaphragm Pumps have distinct design advantages that make them very versatile and cost effective drum pumps.

Suitable for lubricants, diesel, dispensing, spraying, automotive fluid transfer, waste oil, and evacuation.



Accessories:

- RG-1A Filter Regulator
- Air Motor and Liquid Kits

SPECIFICATIONS

Maximum Flow Rate	15 GPM
Port Size	1/2" Female
Air Supply Pressure	30-100 PSI
Liquid Temperature	32-212°F
Max. Air Consumption	18 SCFM
Air Inlet	3/8" Female NPT
Dry Suction Lift	15'
NPT Dimensions	7.32"L x 7.64"W x 10.4"H
Body Material	Aluminum (ADC 12)
Weight	11.9 lbs.
Diaphragm Materials	Buna N/TPO/PTFE

Features:

- No Lubrication Required
- Stall Free / S-Spool Design
- Fewer Wearing Parts
- Ease of Repair—Quick Teardown / Rebuild
- 30% Less Air Consumption Over Competitor's Pumps
- Perfect for Dispensing and Spraying Applications
- Critical On/Off Cycling

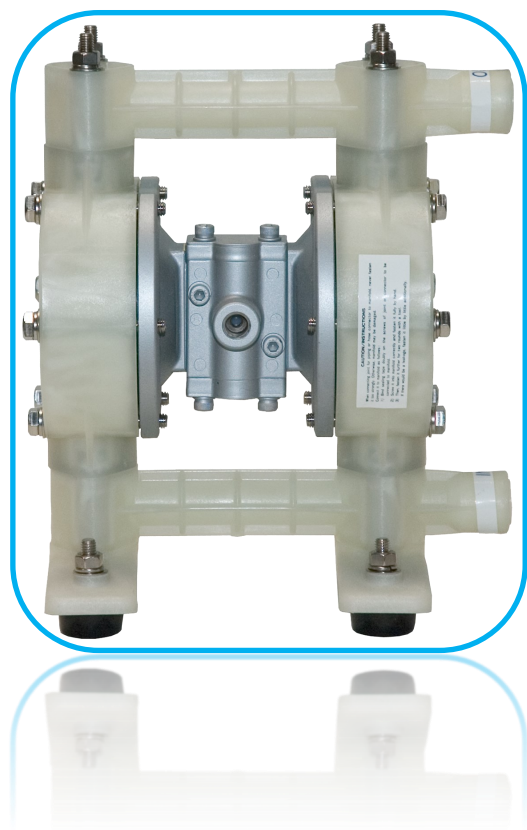


1/2" RG-15 Plastic

The RG-15 Series Plastic Pumps are designed to provide maximum performance, while maintaining the reliability that you've grown accustomed to from RAGCO.

These 1/2" pumps are perfect for spraying and dispensing applications, particularly when on and off cycling reliability is critical. Constructed in Polypropylene, it is available with Buna N, TPO, and PTFE elastomers.

Suitable for lubricants, diesel, dispensing, spraying, automotive fluid transfer, waste oil, and evacuation.



Accessories:

- RG-1A Filter Regulator
- Air Motor and Liquid Kits

SPECIFICATIONS

Maximum Flow Rate	15 GPM
Port Size	1/2" Female
Air Supply Pressure	20-100 PSI
Liquid Temperature	32-212°F
Max. Air Consumption	9 SCFM
Air Inlet	1/4" Female NPT
Dry Suction Lift	10'
NPT Dimensions	9.68"W x 11.69" H
Body Material	Polypropylene
Weight	9 lbs.
Diaphragm Materials	Buna N/TPO/PTFE

Features:

- Stall Free
- Fewer Wearing Parts
- Ease of Repair—Quick Teardown / Rebuild
- Perfect for Dispensing and Spraying Applications
- Critical On/Off Cycling

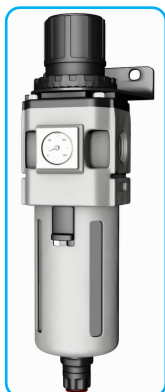
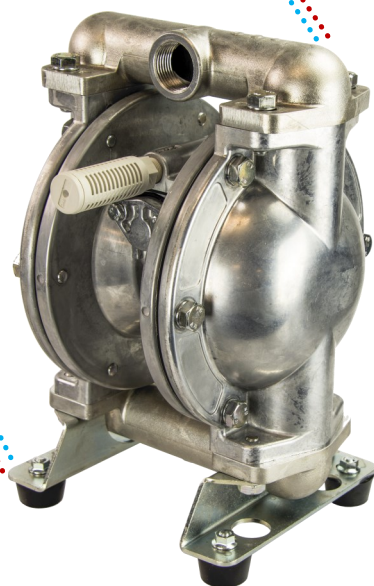
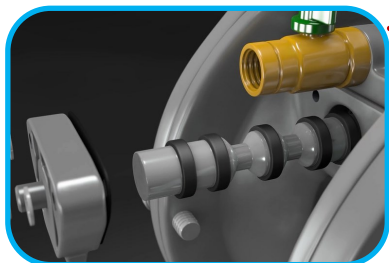


1" RG-25 Metal

The new RG-25 metal pump has been specifically engineered with reduced parts, while ensuring maximum performance and unmatched reliability in a variety of applications.

The RG-25 is truly a non-lubricated, air distribution system with no messy grease to pre-pack. The main air valve is comprised of a patented, carbon-filled Ekonol® seal ring system which is designed to be non-stalling for reliability, while our staged exhaust design allows for an ice-free operation. All of these advanced features enable the RG-25 to use 20% less air than other brands, providing superior efficiency and exceptional durability.

Ideal for waste oil, slurries, solvents, automotive fluids, inks, paints, and more!



Accessories:

- RG-3A Filter Regulator
- Air Motor and Liquid Kits
- Base Cushion Kit
- Pulsation Dampener

SPECIFICATIONS

Maximum Flow Rate	37 GPM
Port Size	1" Female
Air Supply Pressure	30-100 PSI
Liquid Temperature	32-180°F
Max. Air Consumption	30 SCFM
Max. Size Solid	1/8"
Air Inlet	3/8" Female NPT
NPT Dimensions	8.25"L x 8.5"W x 12.4"H
Body Material	Aluminum (ADC 12)
Weight	17.4 lbs.
Diaphragm Materials	Buna N/Hytrel®/TPO/PTFE

Features:

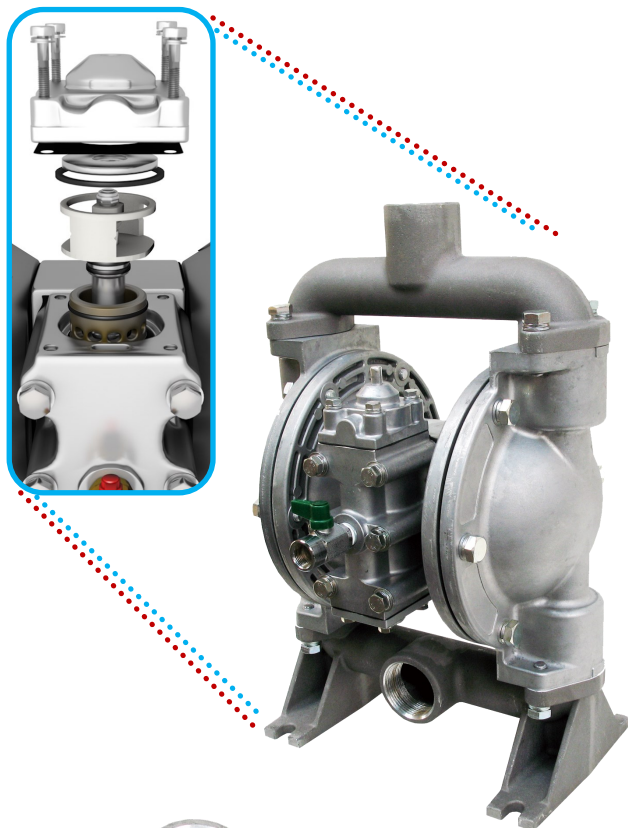
- No Lubrication Required
- Maintenance Free Air Distribution System
- Stall Free / Ice Free Operation
- Fewer Wearing Parts
- Ease of Repair—Quick Teardown / Rebuild
- 20% Less Air Consumption
- Drop in Replacement for Other Brands
- Graphite Filled Ekonol Seal Rings (Lube Free)
- Independent, Non-Lubricated Piloting System



1-1/2" RG-32 Metal

The RG-32 makes converting to a RAGCO pump easy! The 1-1/2" inlet and 1-1/4" outlet matches up dimensionally with old competing brand's design. Re-piping issue has been solved!

Suitable for lubricants, diesel, dispensing, spraying, automotive fluid transfer, waste oil and evacuation.



SPECIFICATIONS

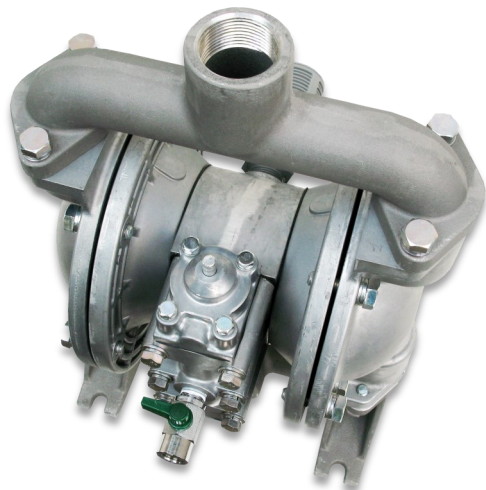
Maximum Flow Rate	50.2 GPM
Port Size	1-1/2" Intake / 1-1/4" Discharge
Air Supply Pressure	30-100 PSI
Liquid Temperature	180-248°F
Max. Size Solid	1/8" (3 mm)
Air Inlet	3/8" Female NPT
NPT Dimensions	11.18"W x 16.87"H
Body Material	Aluminum (ADC 12)
Weight	16.5 lbs.
Diaphragm Materials	Buna N/Hytrel®/TPO/PTFE

Features:

- No Lubrication Required
- Maintenance Free Air Distribution System
- Stall Free / Ice Free Operation
- Ease of Repair—Quick Teardown / Rebuild
- Drop in Replacement for Other Brands

Accessories:

- RG-3A Filter Regulator
- Air Motor and Liquid Kits
- Pulsation Dampener

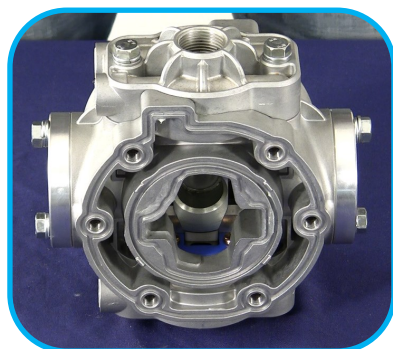
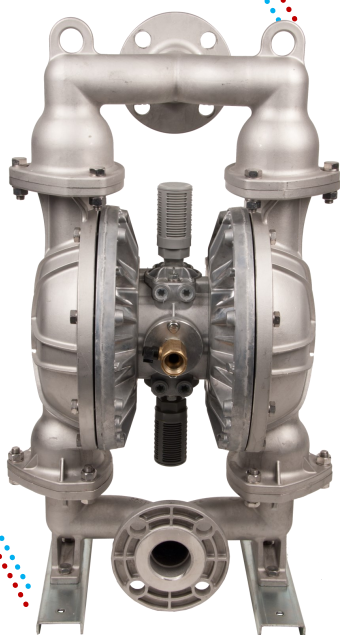
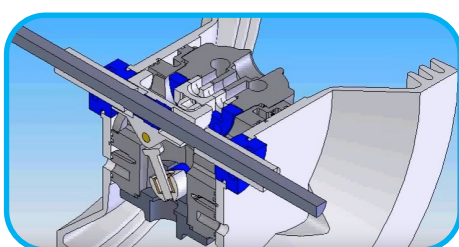




2" RG-50 Metal

The RG-50 is designed for use in process type applications including filter press, high pressure, extended deadheading, long runs of discharge pipe, and where air consumption is critical. Air power is conserved by actuating the air valve using a mechanical linkage instead of relying on air pressure. Air power is reduced versus a standard air-actuated valve, providing higher pump efficiency.

Suitable for lubricants, diesel, dispensing, spraying, automotive fluid transfer, waste oil and evacuation.



SPECIFICATIONS

Maximum Flow Rate	164 GPM
Port Size	2" ANSI
Air Supply Pressure	20-100 PSI
Liquid Temperature	180-248°F
Max. Air Consumption	105 SCFM
Max. Size Solid	5/16" (8 mm)
Air Inlet	3/4" Female NPT
NPT Dimensions	18.63"W x 32.32"H
Body Material	Aluminum (ADC 12)
Weight	92 lbs.
Diaphragm Materials	Neoprene/Buna-N/EPDM/ Hytrel®/TPO/Viton®/PTFE

Features:

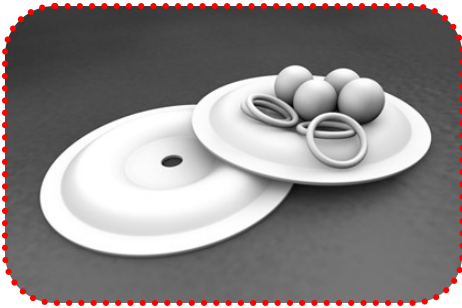
- Maintenance Free Air Distribution System
- Stall Free / Ice Free Operation
- Ease of Repair—Quick Teardown / Rebuild
- Lower Air Consumption
- Graphite Filled Seal Rings—Longer Life, Better Wear
- Mechanically-Actuated Air Motor

Accessories:

- RGL-5 Filter Regulator
- Air Motor and Liquid Kits
- Pulsation Dampener



Accessories



RAGCO Liquid and Air Motor kits are conveniently packaged and available for easy maintenance on your pump!

Protecting your valuable investment at the end of your air lines has never been so easy! RAGCO filter/regulators provide precise air inlet pressure control and prevent air line contaminants from reaching your pump.

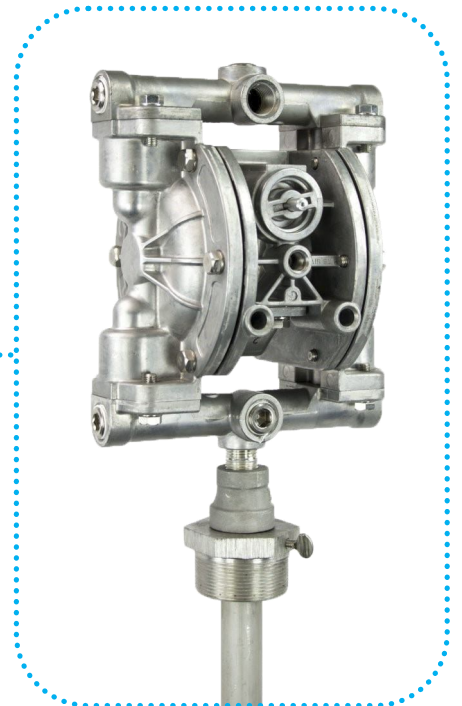


RAGCO Pulsation Dampeners greatly reduce pressure fluctuations in fluid flow when mounted close to the pump.

Have a RAGCO RG-15 pump but need it to be a drum pump? Not a problem! RAGCO offers drum pump kits for easy conversions.

Drum Pump Kit includes the following:

- Bung Adapter
- 3/4" Pipe
- Coupling
- Thumb Screw
- Nipple



NOTES

[illegible]



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www.ragco.com

Hytrel® is a registered trademark of E.I. du Pont de Nemours and Company.

Viton® is a registered trademark of DuPont Performance Elastomers.

Due to RAGCO continued commitment to product improvement, specifications may change without notice.