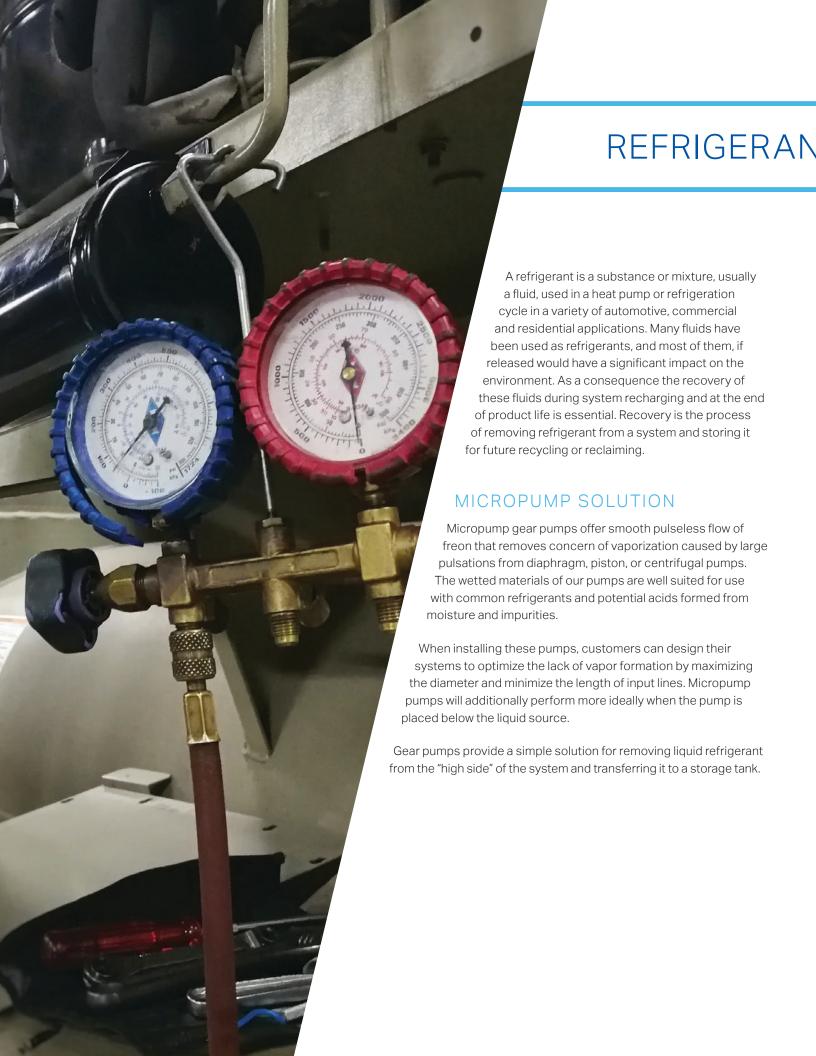
REFRIGERANT RECOVERY COMPRESSO **MICROPUMP**_®



IT RECOVERY

Flow Rate

- < 20 lb./min (Freon) flow rate
- Variable speed pumps for this application with flows from 0.2 to 20 lb./min

Max System Pressure

- 450 psi (31 bar) max system pressure
- Up to 1500 psi (103 bar) max system pressure

Max Differential Pressure

- 40 psi (2.76 bar) max differential pressure
- Up to 125 psi (8.6 bar) max differential pressure

Chemical Compatibility

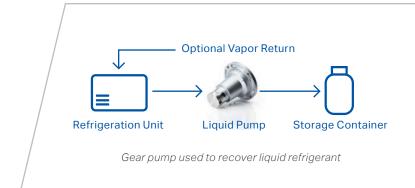
- With refrigerant and acids formed from moisture and impurities
- Chemically resistant construction materials stand up to the aggressive fluids found in refrigerants (PEEK, PSS, TEV, 316SS)

Leak Free

 Magnetic drives eliminates dynamic shaft seals, keeping fluid securely inside the pump and potential contaminants out

Maintainability

Service Kits for easy field serviceability



MICROPUMP PRODUCTS OPTIMIZED FOR THIS APPLICATION

Micropump GD Series and GC Series are most commonly used in this application.

GD Specifications

- Displacement: 3.48 ml/rev (M35)
- Min Flow Rate: 1.7 L/min | 0.46 US gpm
- Flow Rate: 1.74 to 13.9 L/min (27.6 to 221 USG/hr)
- Max Differential Pressure: 100 psi (6.9 Bar)
- Max System Pressure: 1500 psi (103 Bar)
- Temp Range: -46 to 204 °C (-50 to 400 °F)

GC Specifications

- Displacement: 0.811 ml/rev (M23) | 1.82 ml/rev (M25) | 3.48 ml/rev (M35)
- Min Flow Rate: 405 mL/min | 0.11 US gpm
- Max Flow Rate: 0.405 to 13.9L/min (6.4 to 221 USG/hr)
- Max Differential Pressure: 125 psi (8.6 Bar)
- Max System Pressure: 1500 psi (103 Bar)
- Temp range: -46 to 177 °C (-50 to 350 °F)

MICROPUMP_®

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www.micropump.com

 ${\tt ACTUAL\ PERFORMANCE\ MAY\ VARY.\ Specifications\ are\ subject\ to\ change\ without\ notice.}$