

# TechniFoamer Pump

Available with SANTOPRENE®  
VITON® or KALREZ® Seals

Designed for ultimate performance and reliability, these Flojet Air Diaphragm pumps are constructed for handling a broad range of chemicals.

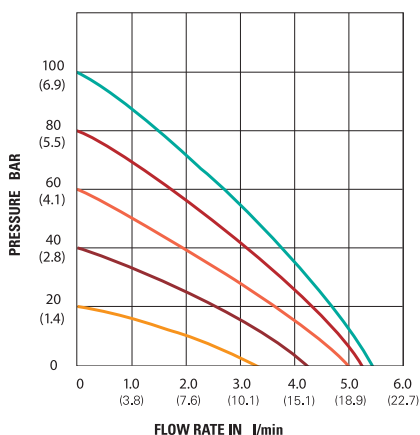


| Santoprene                                                                   | Viton                                                                           | Kalrez                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable for:</b>                                                         | <b>Suitable for:</b>                                                            | <b>Suitable for:</b>                                                                                                                                                                                                            |
| Potable Water, Acids<br>Alkaline, Soaps Alcohols,<br>Ketones                 | Oils, Solvents,<br>D-Limonene,<br>Aromatic & Halogenated<br>Hydrocarbons, Acids | Lubricating Oils, Hydraulic Oils,<br>Vegetable Oils, Alcohols, Ketones,<br>Aromatic Hydrocarbons, Aliphatic<br>Hydrocarbons, Diluted Acids, Alkalis,<br>Soaps with solvents, Automotive<br>brake fluid, Acetones, Ethanol, Inks |
| <b>Not Suitable for:</b>                                                     | <b>Not Suitable for:</b>                                                        | <b>Not Suitable for:</b>                                                                                                                                                                                                        |
| Oils, Solvents, Soaps with<br>Solvents, D-Limonene,<br>Aromatic Hydrocarbons | Ketones, Acetones,<br>Automotive Brake Fluid,<br>Ammonia, Ethanol               | Halogenated Solvents                                                                                                                                                                                                            |

The above are suggestions and are not conclusive; please contact FoodClean (UK) Ltd for further advice

## PRODUCT DATA

## PERFORMANCE SPECIFICATIONS



|                     |     |                  |
|---------------------|-----|------------------|
| Liquid Temperature  | Min | 4.4°C            |
|                     | Max | 48.9°C           |
| Priming             | Dry | 4.5m             |
|                     | Wet | 6.1m             |
| Flow Rates          | Max | up to 18.9 L/min |
| Gas Supply pressure | Bar | 1.4 - 6.9        |
| Noise Level         | Max | 87dB             |

### Wetted Parts

|                                | Santoprene                       | Viton                            | Kalrez                           |
|--------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Diaphragm Material             | Duplex Diaphragm                 | Duplex Diaphragm                 | Duplex Diaphragm                 |
| Check Valve Seat Material      | Santoprene                       | Viton                            | Polypropylene                    |
| Housing & Check Valve Material | Polypropylene (Glass Reinforced) | Polypropylene (Glass Reinforced) | Polypropylene (Glass Reinforced) |
| Springs                        | Hastelloy                        | Hastelloy                        | Hastelloy                        |
| Port O-Rings                   | Santoprene                       | Viton                            | Viton Extreme                    |
| Gas Inlet & Outlet             | 1/4"                             | 1/4"                             | 1/4"                             |
| Product Inlet                  | 3/8", 1/2" or 3/4"               | 3/8", 1/2" or 3/4"               | 3/8", 1/2" or 3/4"               |
| Product Outlet                 | 3/8", 1/2" or 3/4"               | 3/8", 1/2" or 3/4"               | 3/8", 1/2" or 3/4"               |
| Net Weight (kg)                | 0.54                             | 0.54                             | 0.54                             |

### Ports

### Net Weight (kg)

## TROUBLESHOOTING

| Symptom                    | Possible Cause                                                                                   | Corrective Action                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Pump will not start/stalls | 1. Inadequate air supply (Min 1.4 bar)<br>2. Contaminated Air Supply                             | 1. Increase air inlet pressure<br>2. An air dryer maybe required             |
| Pump runs, but no fluid    | 1. A leak or break in the product inlet line<br>2. A leak or break in the product discharge line | 1. Replace product line<br>2. Replace product line                           |
| Flow rate is low           | 1. Tubing or hose is damaged or blocked<br>2. Check viscosity of medium being pumped             | 1. Clean or replace<br>2. Reduce viscosity of medium, increase hose diameter |

For further troubleshooting advice, please contact FoodClean (UK) Ltd