



# topflo<sup>®</sup>

» All about your flow<sup>™</sup>

## HYGIENIC RANGE

Tapflo UK are proud to offer a portfolio of premium grade Hygienic Pumps to meet a variety of applications

2023 Rev.1

[tapflopumps.co.uk](http://tapflopumps.co.uk)

02380 252 325 | [sales@tapflopumps.co.uk](mailto:sales@tapflopumps.co.uk)

## HYGIENIC DIAPHRAGM PUMPS

Tapflo's Hygienic Series is particularly designed to meet the requirements of the food, beverage, pharmaceutical and cosmetic industries.

A lubrication free air distribution system, maintenance free ball check valve systems and total visual inspection of the wetted parts are just some of the major features for the Tapflo Hygienic Series.

Our hygienic pumps comply with either FDA or EHEDG guidelines. Models with extra fine surface finish (Ra 0.8 & Ra 0.5) are available upon request.

- Max. Flow: 49m<sup>3</sup>/hr
- Max. Head: 80m
- Max. Temp: 110°C
- Max. Solids: 100m
- Viscosity: 20,000cPs
- 1" - 3" various Hygienic connections
- Self Priming
- CIP/SIP Suitable



### Quick Dismantling

The clamp system ensures rapid dismantling without the use of any tools.

### Plain Surface

Our Diaphragms have a completely plain surface, which eliminates potential bacteria growth problems & leak passages.



## PRODUCTS DESIGNED TO LAST

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## Variety of Connections

The pump is supplied as standard with ISO TC clamp connections. However, the pump may be equipped with almost any type of connection in the hygienic field.

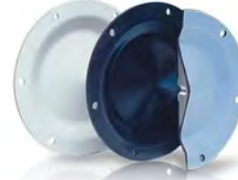
## Pollution Free Air Valve

The sealing system is lubrication free, keeping your product and environment free from oil contamination.

## Superior Finish

Both the liquid side and outside is electropolished to obtain a superior finish & hygiene. Special surface finish may be done according to your requirements.

\*T825 is glass blasted



**TESTED FOR UP TO  
80 MILLION LIFE CYCLES**

**No-nut, clean face bonded diaphragm design as standard!**







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Perfect for lower viscosity liquids at higher flow rates, and hygienic applications where cleanability and drainability are important factors.



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Highly robust pumps, self-priming up to 9.8 meters, safe to run dry and ideal for abrasive & shear sensitive liquids. These pumps offer easily replaceable, high-quality reinforced hoses with up to 30% longer lifetime than other manufacturers.

Proudly supplying our Hygienic Series of Progressive Cavity Pumps to the market. The special geometry of the Progressive Cavity Pumps allows for complete draining and avoidance of any dead zones where bacterial build-up and contamination can occur on standard Industrial designs.

- Can pump both low and high viscosity fluids
- Uniform flow which is proportional to the speed of rotation
- Low pulsation with minimal tensile strain on the process media
- High discharge pressures, up to 48 Bar (6 Bar / Stage). Units are available with 1 – 8 stages.
- Suitable for low NPSHa & suction lift (up to 8m) applications
- Can pump Shear Sensitive & Heterogeneous Fluids containing Gases, Solids, Abrasive Particulates & Fibrous Materials



## ALSO IN OUR RANGE

Our range of EHEDG Certified Pumps have been designed to meet the highest grade of hygienic regulations for the Food, Beverage, Pharmaceutical, and Cosmetic industries.

This range also supports CIP/SIP (Clean in Place or Sterilisation in Place), ensuring that the pump and pipework can be cleaned efficiently without needing to be removed from installation.

## ALSO IN OUR RANGE

Tapflo have built a reliable portfolio of Hygienic Pumps to allow us to provide a solution for almost any application which allows us to help every single customer to build an efficient process line on-site. The following pumps are excellent alternatives for when our most popular ranges can't handle the application.



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We are proud to introduce our new range of Hygienic Valves made from forged 304L and 316L Stainless Steel. All the valves in our portfolio are 3A and FDA Certified for food & dairy use, and meet pharmaceutical industry demands regarding USP Class VI elastomers.

From standard 304L to high purity 316L ASME BPE specifications, Tapflo has the experience and dedication to meet your sanitary valve requirements. In addition to this range, our in-house engineer team have the expertise and resources to provide custom product solutions to suit your needs and applications.



# All about your flow™







# » All about your flow™

This simple & reliable mixing solution makes storing & transporting various liquids easy & cost-effective, & by using mixers, you're able to skip the intermediate tanks, making your process quicker and more reliable.

Pump parts and accessories play a vital role in ensuring the smooth operation of your pumps. These essential components are designed to maintain optimal working conditions, ensuring high pump performance.



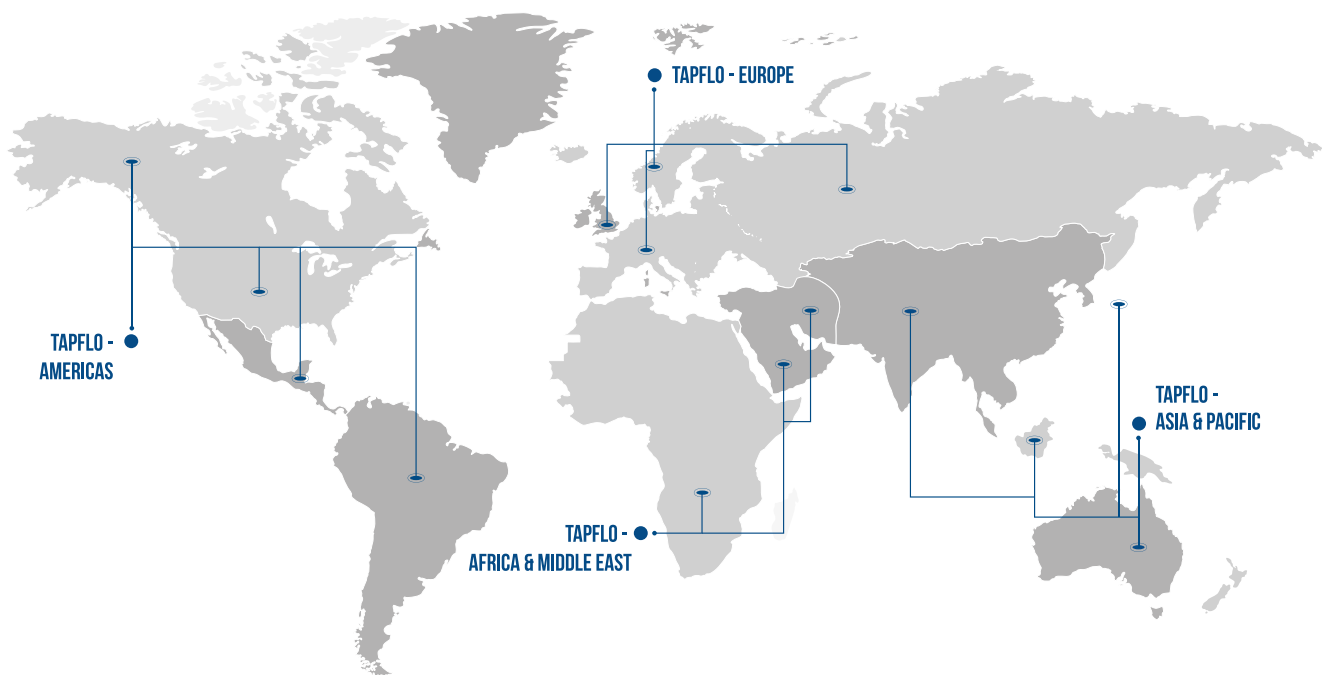
# All about your flow<sup>TM</sup>

Tapflo offer a wide range of Accessories to support our vast pump range including Pneumatic Control Systems that have been designed and manufactured in the UK. Pneumatic Diaphragm Pump Accessories include the Guardian System (barrier, dry run and dead head protection), Batch Controller (ATEX available), Life Counters, Star/Stop Units, Level Controller and many more.

Tapflo Group is Europe's largest manufacturer and supplier of the highest quality process pumps & systems for various hygienic and industrial applications.

Tapflo is a Swedish, family-owned Pump Manufacturer with experience in the Pump Industry since 1980. The group now operates across 85+ countries due to our winning concept of compact Diaphragm Pumps for reliable duty and minimal components for simple maintenance.

At Tapflo, we pride ourselves on being experts in industrial fluid handling and pump manufacturing. As an independent global manufacturer of Air Operated Diaphragm Pumps, Centrifugal Pumps, and other industrial process equipment, we have the knowledge and expertise to meet your every need.



## TAPFLO ARE THE WORLDS FASTEST GROWING PUMP MANUFACTURER NOW PRESENT IN 85+ COUNTRIES



**400+** employees globally



## **OTHER INDUSTRIES AND APPLICATIONS**

Tapflo is a leading process pump company specialising in delivering reliable pumping solutions to a wide range of industries & applications. Tapflo's pumps excel in meeting the diverse needs of industries with exceptional performance and efficiency.





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