



E X P E R I E N C E   E - T E C H



**We intend to serve our customers with the best quality.**

All pumps and parts are manufactured to precision tolerances. Each and every component is inspected and tested prior to assembly. Then, to assure the very best workmanship & quality, E-Tech products are tested to the highest industry standards. A complete traceability of each product is granted to assist the final user in the best way possible.



Submersible  
Pumps



Vertical  
Multistage  
Pumps

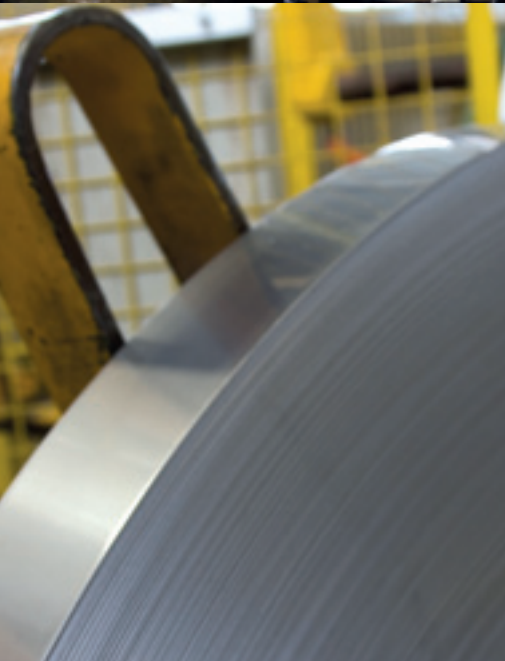


Horizontal  
Multistage  
Pumps



Drainage  
Submersible  
Pumps





## We manufacture premier stainless steel submersible pumps.

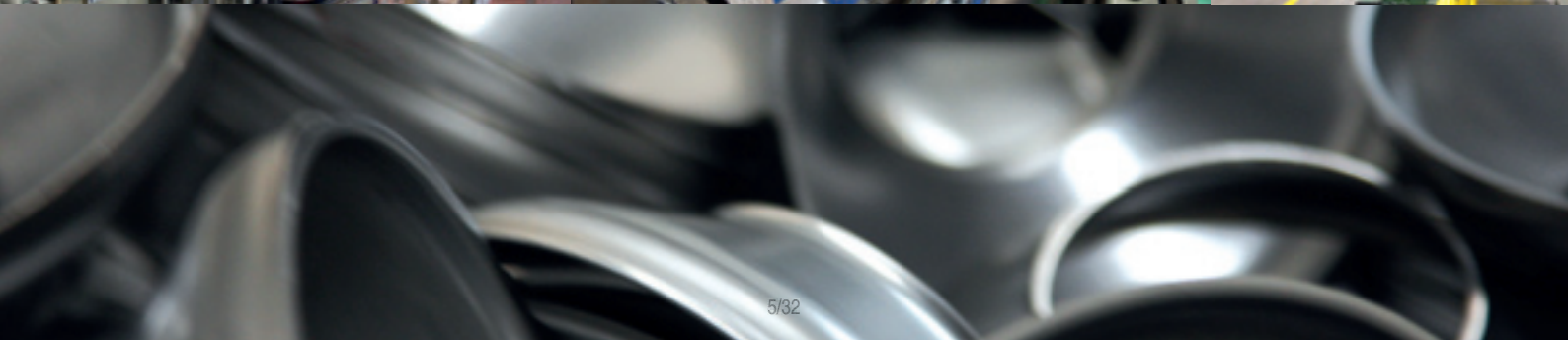
Our reputation of excellence is earned by a team of engineering experts capable to design innovative, cost effective and efficient pumping equipment. The technology we apply in pressing, forming and welding stainless steel components is achieved through many years of experience.



## Welcome to the E-Tech world



Our products are internationally recognized for design efficiency, long service life and operating economy. Our pumps are utilized in a wide range of applications including residential, commercial and industrial installations. Pumps that wear the E-Tech name have a reputation of excellence.





# History

The "E-Tech" brand is property of Franklin Electric S.r.l.

The company started its activity in 1977, with a small organization working as a supplier of stainless steel components. In the following years the knowledge and experience had a continuous growth, focusing the major efforts on the deep drawn stainless steel cold stamping. The company decided to widen its presence in the market pursuing and succeeding in enlarging the number of its customers who were consolidated among the major users of stainless steel components in the pump-sector worldwide.



An extremely significant turning point was in year 2000, when the management decided to start the production and selling of the borehole stainless steel 6" pump, giving birth to the brand "E-Tech". Just a couple of years later the range was widened with the 8" borehole pump and the 5" close-coupled pump. The realization of these pumps has been quite a natural evolution coming out of many years of experience in the pumps components field and, most of all, in the technology of the deep drawn cold stamped stainless steel.



2010 has signed the introduction of the surface product line, with the new horizontal and vertical multistage pumps; also in 2010 an important re-design of the 6" borehole pumps series has been introduced in the market. Today we are present worldwide with our pumps and components, covering all the continents thanks to our valuable customers.








## Stainless steel

Stainless steel is our major point of strength, because this is really what we are good at; since the beginning, in 1977, we only work stainless steel; we are specialized in the cold deep drawing stamping of stainless steel. Every year we work approximately 1700/1800 tons of this material. Our production process starts from the stamping dpt where we carry out the cold stamping of all our components. We consider the stamping dpt just like the heart of our production system: the birth, the history and the tradition of our company all come from here. The consolidated skills in the stamping technology have been among the main reason of the success the company has reached up to today.



## Engineering

Another determinant point of strength, as an organization operating in this sector, is our strong technical/engineering background. During our growth along the years, we have always been focusing a lot in the improvement of the engineering skills; in fact all our customers have always been interacting with us in the awareness that they could have found an engineering support beside our manufacturing capabilities. Under the engineering point of view, our technical dept carries out not only the design of the final components but also the design of the moulds, tools and fixtures. We can cope with pretty demanding stamping conditions to obtain an high range of final profiles/ shapes of stainless steel.

## Vision

Be recognized worldwide as a leading manufacturer of quality pumps and services. Provide innovative solutions to current and future needs of our customers and remain their first choice. Design, manufacture and sell products that contribute to procure water where needed, improving the standard of living for a better life and for the next generations. We will conduct business with integrity and honesty.



## Commitment

E-Tech is committed to supplying quality products. All pumps and parts are manufactured to precision tolerances. Each and every component is inspected and tested prior to assembly. Then, to assure the very best workmanship & quality, all E-Tech products are tested to the highest industry standards. We are involved in the continuous search to offer more efficient pumps, improve our product line, develop new products and listen carefully to the needs of our customers.







## Applications

- Water distribution / pressure boosting
- Rainwater collection
- Irrigation / Gardening / Sprinklers
- Dewatering
- Wash down unit
- Fountains
- Other various installations

VN series  
3 - 5 - 9

The image features a stainless steel submersible pump. The main view shows the pump's cylindrical body with a black cable attached to the top. A dark teal semi-transparent banner is overlaid on the middle of the pump. Below the banner, a close-up view of the pump's inlet is shown, highlighting the threaded connection and the internal impeller area. The pump has several small circular ports on its side and a vented base.

## NAUTI (VN series)

5" Stainless Steel  
Close-Coupled Multistage  
Submersible Pump



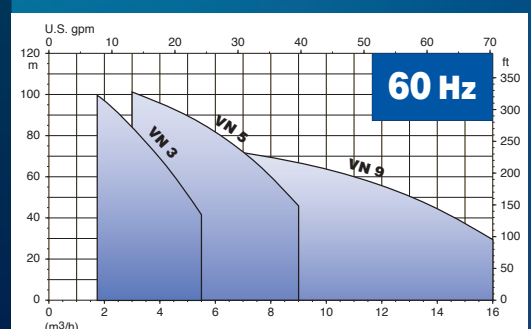
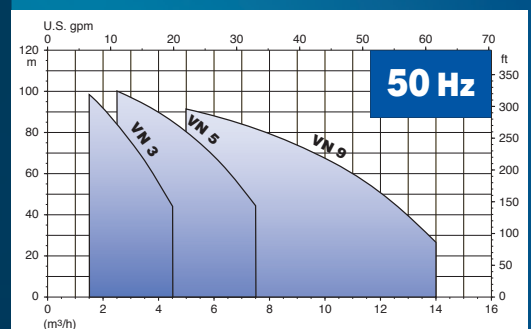
# NAUTI (VN series) 5" Stainless Steel Close-Coupled Multistage Submersible Pump

## VN series

### Features

- Compact close-coupled design, robust and rust resistant
- Impellers and diffusers are made of stainless steel in order to achieve durability, superior efficiency and the highest performances
- Double mechanical seal separated by an oil\* chamber for maximum motor protection
- \* In compliance with FDA - Food, Drug Administration - and the annex to G.U.no.104 of 20/04/73 for oils in contact with food stuffs
- Plug-in type power cable and level control (floater) for easy replacement
- Heavy duty over size motor shaft
- Stainless steel water proof capsule to protect the motor
- Motor cooling is guaranteed by the pumped liquid

- > VN3
- > VN5
- > VN9








## Applications

- Municipal water works, fountains and waste water
- Water distribution and pressure boosting
- Irrigation and sprinkler systems, water treatment plants, filtration and reverse osmosis
- Industrial cooling and processing
- Mining industry, drainage and dewatering
- Fire-fighting equipment
- Water supply to and from tanks, reservoir and wells
- Lifting and distribution of a wide range of liquids
- Autoclave and cistern charge and discharge
- Turf and landscape
- Greenhouses and nurseries
- Residential and farm wells and drainage
- Food industry
- General industry

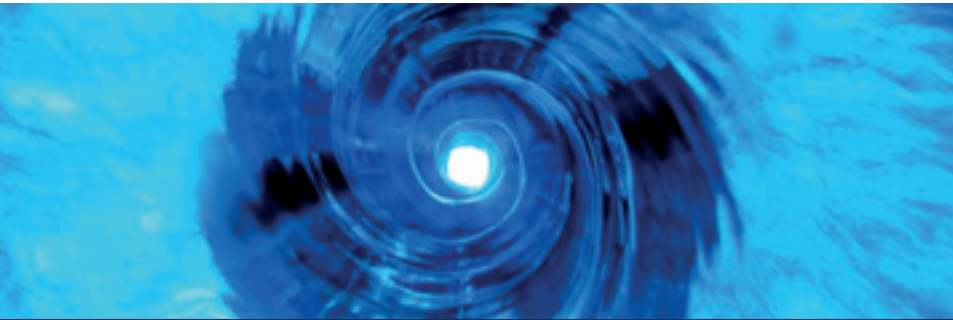
VS series  
4 - 6 - 8



A close-up, low-angle photograph of a VS Series Stainless Steel Submersible Pump. The pump is cylindrical and made of polished stainless steel. It features a top section with a hexagonal cap and several screws. The main body has two circular ports or sensors. The background is a plain, light-colored surface.

# VS Series Stainless Steel Submersible Pumps





# VS Series Stainless Steel Submersible Pumps

## VS series

### Features

- Built-in check valve to protect the pump against water hammer risk compact, reliable and suited to operate in horizontal position
- External stainless steel sleeve to improve stiffness and assure permanent alignment of all the Fabricated stainless steel impellers and diffusers for corrosion resistance
- Floating impellers (VS4) to grant a better performance and longer life for the pump against abrasion
- Heavy duty stainless steel structure to assure permanent alignment of all the components in order to increase run time and trouble-free operation making the pumping systems more cost effective
- Motor adapter and discharge head may be removed without disturbing the impeller / diffuser stack PTFE floating neck ring, ceramic guide journal sleeve (tungsten-carbide on request) and Nitrile rub reduced energy consumption reliability
- The hydraulic design is such to enhance the overall efficiency thus reducing energy consumption
- Very compact and extremely reliable to resist to the most complex and severe conditions

### 4" submersible pumps

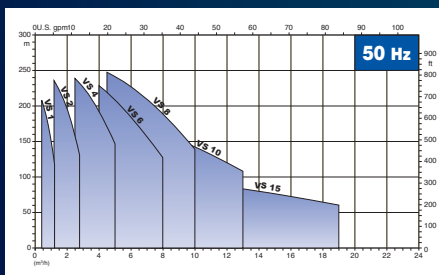
- > VS1
- > VS2
- > VS4
- > VS6
- > VS8
- > VS10
- > VS15

### 6" submersible pumps

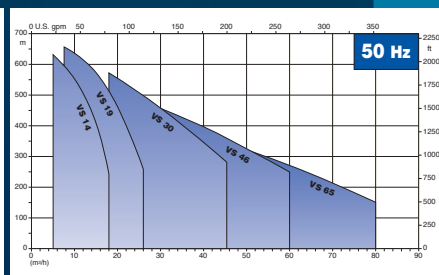
- > VS14
- > VS19
- > VS25
- > VS30
- > VS46
- > VS65

### 8" submersible pumps

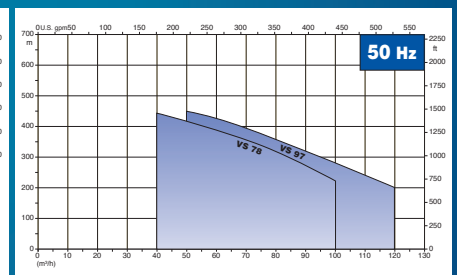
- > VS78
- > VS97



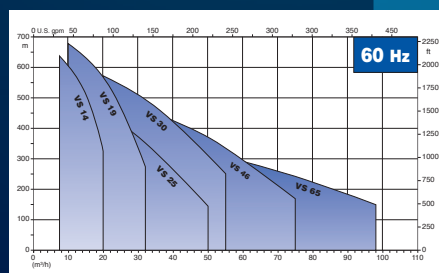
4" submersible pumps



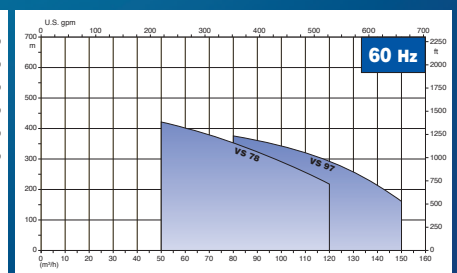
6" submersible pumps



8" submersible pumps



6" submersible pumps



8" submersible pumps

According to the COMMISSION REGULATION (EU) No 547/2012 MEI - Minimum Efficiency Index






## Applications

- Boiler feed
- Circulation of hot and cold water for heating, cooling and conditioning systems
- Handling of water, free of suspended solids, in the civil, industrial and agricultural sector
- Irrigation systems
- Pressure boosting and water supply systems
- Wash down unit
- Water treatment plants



A close-up photograph of a vertical multistage centrifugal pump assembly. The image shows several stacked cylindrical stages with a textured, dark grey or black finish. A teal-colored semi-transparent overlay is positioned in the center, containing the product name. At the bottom of the image, a metal plate is embossed with the 'E-Tech' logo and brand name. The background is a plain, light grey color.

Vertical  
Multistage  
Centrifugal  
Pumps

 E-Tech



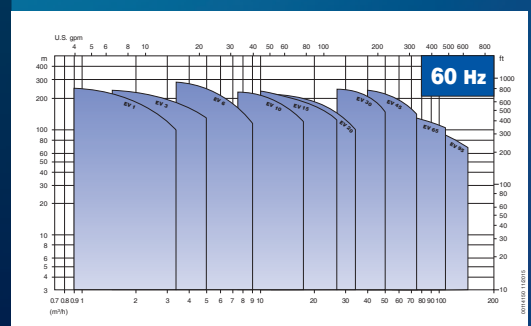
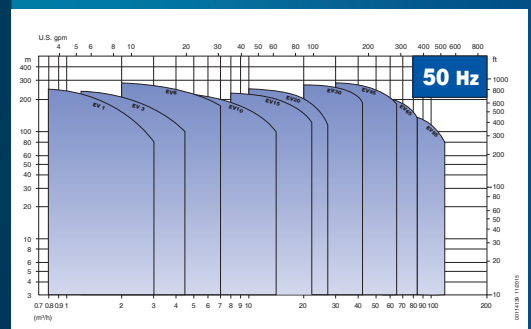
# Vertical Multistage Centrifugal Pumps

## EV series

### Features

- Full stainless steel in contact with water (inox version), compact and solid structure
- Diffuser bushing made of graphite for durability against dry running (EV 30-45-65-95)
- Easy disassembly without any special tool
- Easy installation in-line ports
- Fabricated stainless steel impeller and diffuser for corrosion resistance and superior efficiency
- New hydraulic design for the highest efficiency
- Oversize ball bearing (bearing bracket) ensures motor-bearing long life and eliminates axial and other adjustments of moving parts
- WRAS certified PPS (EV 1-3-6-10) / PTFE (EV 15-20-30-45-65-95) replacement floating neck ring for cost effective maintenance and long-lasting performance
- Removal of the mechanical seal without dismounting the pump; for models higher than 4 kW no need to dismantle the motor
- Replaceable stainless steel wear ring in the neck of the impeller (EV 30-45-65-95)
- Shaft bearing and journal sleeve made of tungsten carbide
- Standard mechanical seal (EN 12756 ex DIN 24960) WRAS certified; balanced version for EV 30-45-65-95
- Standard IE3 motor without oversize bearing, size B14 up to 4kW / size B5 from 5.5kW and above
- Tungsten carbide intermediate bearing to control and eliminate vibration and stabilize the rotor with a large number of stages

- > EV1
- > EV3
- > EV6
- > EV10
- > EV15
- > EV20
- > EV30
- > EV45
- > EV65
- > EV95









## Applications

- Small domestic and industrial systems / Domestic water supply
- Water distribution / pressure boosting
- Irrigation / Gardening / Sprinklers / Rainwater collection
- Industrial plants / Wash down unit
- Cooling and chilling / Heating and conditioning / Air conditioning systems
- Other various installations



Stainless Steel  
Horizontal  
Multistage  
Pump

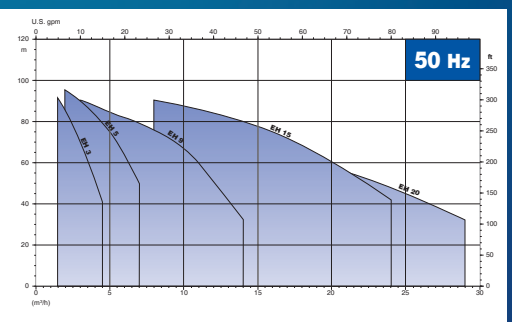
# Stainless Steel Horizontal Multistage Pump

## EH series

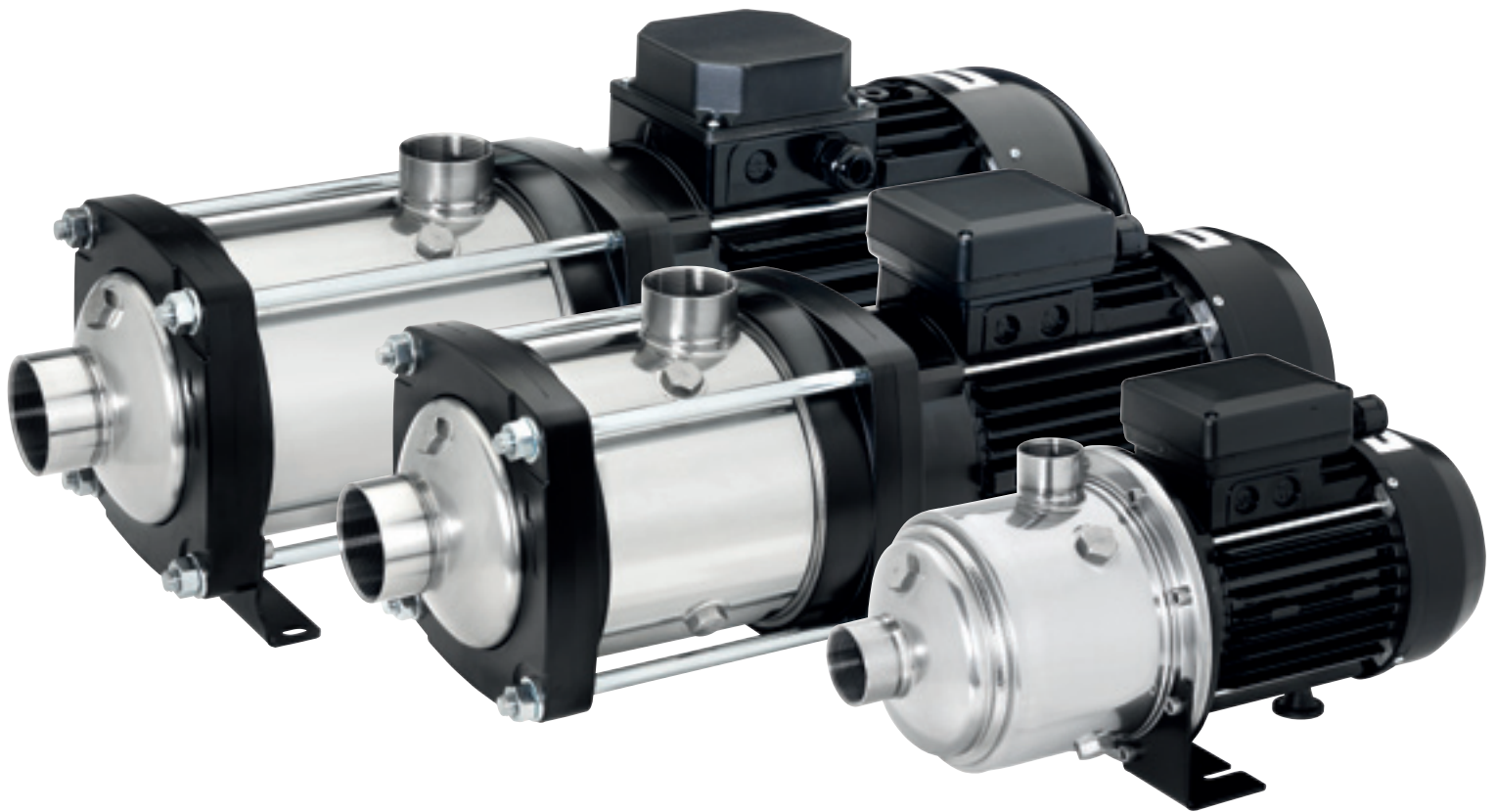
### Features

- Compact close-coupled design, robust and rust resistant / Superior efficiency and performances
- Flexible application base plate
- Floating neck ring in PTFE/PPS
- Heavy duty oversize motor shaft
- Impellers and diffusers are made of stainless steel in order to achieve durability
- Easy maintenance
- Possibility of removing the hydraulic stack without disconnecting the pump body from the pipelines
- Strong and leak-proof motor rolling bearing fitted in the motor bracket
- Pumping of clear non-loaded fluids
- Mechanical seal carbon/ceramic/EPDM - EH 3 - 5 - 9 / Type E0
- Mechanical seal carbon/silicon carbide/EPDM - EH 15 - 20 / Type E1

- > EH3
- > EH5
- > EH9
- > EH15
- > EH20










## Applications

- For clean or dirty water also containing solids up to 50mm grain size
- Construction: single impeller or two passage or free-flow (vortex)



Drainage  
Submersible  
Pumps



# Drainage Submersible Pumps

## General features

- Liquid temperature up to 35°C
- Maximum immersion depth: 5m
- Stainless steel motor jacket

## ED/EDV features

- For clean and dirty water, also containing solids up to 35mm grain size
- ED: with two-passage impeller
- EDV: with free-flow (vortex) impeller
- Vertical delivery port
- Stainless steel pump casing and impeller

## EGN features

- For clean water also containing solids up to 10mm grain size
- Single impeller construction
- Vertical delivery port
- Cast iron pump casing and impeller with epoxy cataphoresis treatment

## EGT/EGF features

- For clean and dirty water, also containing solids up to 50mm grain size
- Free-flow (vortex) impeller construction
- EGT: with vertical delivery port
- EGF: with horizontal flanged and threaded delivery port
- Cast iron pump casing and impeller with epoxy cataphoresis treatment

## ED/EDV series stainless steel

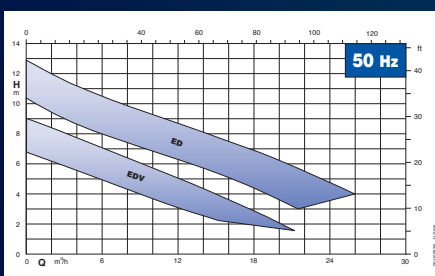
- > ED/V 5
- > EDV7
- > ED/V 9

## EGN series for clean water

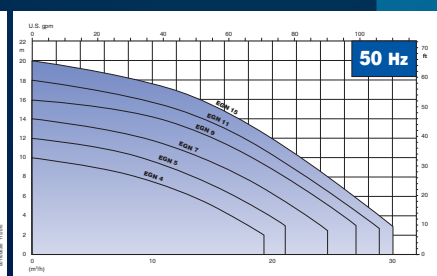
- > EGN4            > EGN9
- > EGN5            > EGN11
- > EGN7            > EGN15

## EGT/EGF series for dirty water

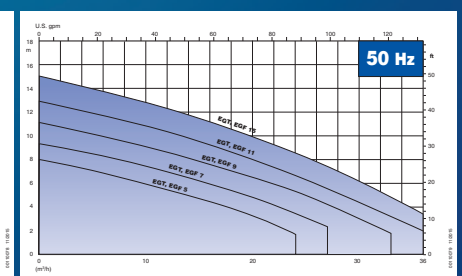
- > EGT/F 5        > EGT/F 11
- > EGT/F 7        > EGT/F 15
- > EGT/F 9



ED/EDV



EGN



EGT/EGF





## Franklin Electric S.r.l.

Via Asolo, 7  
36031 Dueville (Vicenza) Italy  
Phone. +39 0444 361114  
Fax. +39 0444 365247

Contacts:  
[sales.it@fele.com](mailto:sales.it@fele.com)

[www.etechpumps.com](http://www.etechpumps.com)

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and coordination of Franklin Electric Co., Inc.