



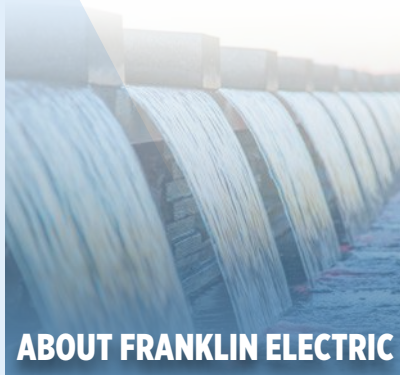
SURFACE PUMPS

PERFORMANCE & SOLUTIONS



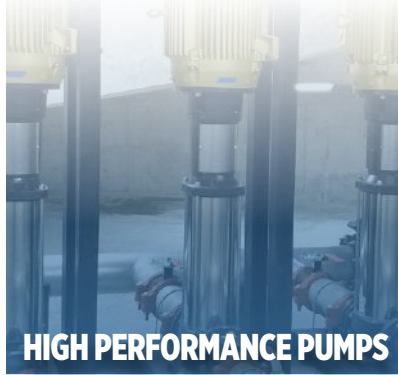
franklinwater.com
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YOUR PARTNER FOR **WATER SYSTEMS**



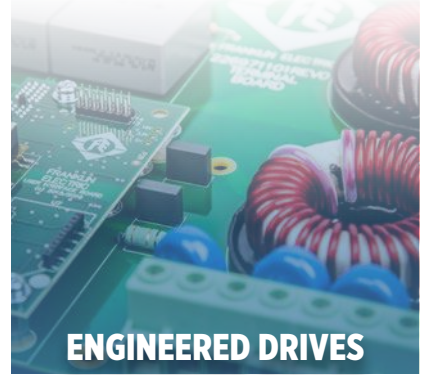
ABOUT FRANKLIN ELECTRIC

Franklin Electric is a global provider of complete systems for the movement of water.



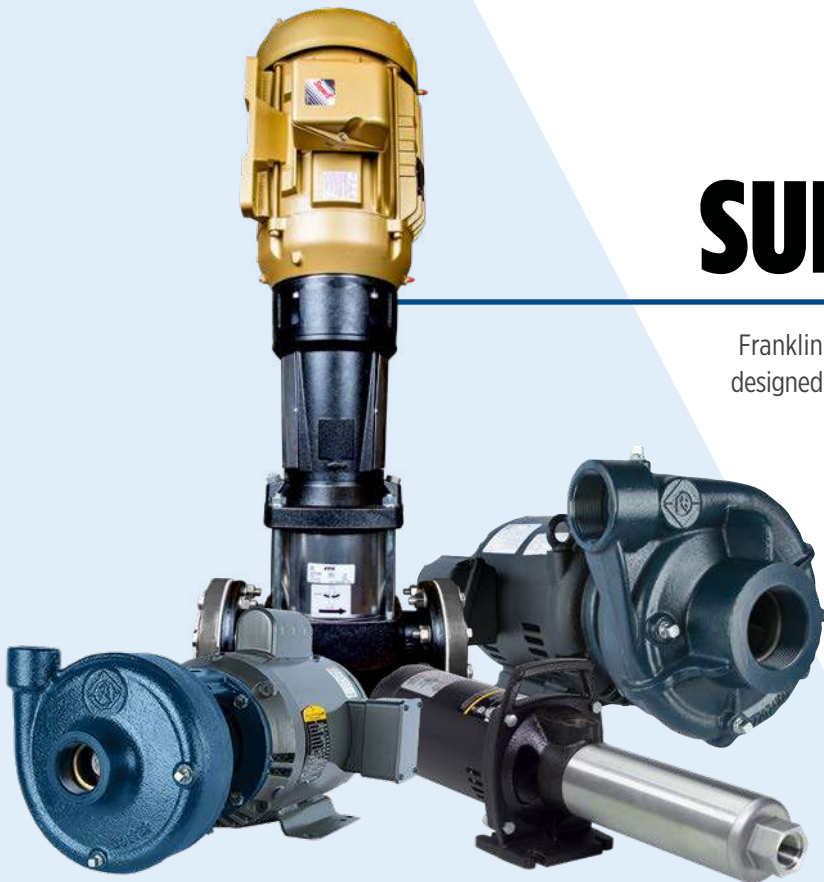
HIGH PERFORMANCE PUMPS

Our proven portfolio of submersible and surface pumps are designed for superior durability, efficiency and performance.



ENGINEERED DRIVES

An innovative line of starter and drive panels designed specifically for ease-of-use in water pumping applications.



SURFACE PUMPS

Franklin Electric offers a range of surface pumps and systems designed to meet application needs across a variety of industries.

Our extensive range of centrifugal, jet, self-priming and transfer pumps are engineered for performance, with streamlined options for availability, sizing and customized configuration support. Give your jobs a boost with our pressure boosting systems designed to meet a wide range of operating conditions while maximizing footprint through versatile configurations.

RANGE OF SURFACE PUMPS

PUMP TYPE	JET PUMPS	SELF-PRIMING PUMPS	TRANSFER PUMPS	SINGLE-STAGE CENTRIFUGAL PUMPS	MULTI-STAGE CENTRIFUGAL PUMPS	PRESSURE BOOSTING
Ideal Applications	Supplying fresh water to homes, cabins, farms or practically anywhere that has a suction lift of 100 feet or less	Residential water transfer, commercial dewatering, rainwater drainage, light agricultural irrigation, sump drainage, and industrial liquid transfer	A Series: Suitable for use with saltwater, chemical transfer and corrosive substances Engine Driven: Irrigation, construction, mining, commercial, municipal and light industrial	Water circulation, booster service, irrigation, liquid transfer, spraying systems, jockey pump service, general purpose pumping, commercial, municipal, mining, light industrial	Water supply and pressure boosting; water treatment; light industry; irrigation and agriculture; heating, ventilation and air conditioning (HVAC)	General water pressure boosting, constant pressure, municipal water or private well systems, irrigation system boosting, and water reclamation systems
Pump Size	1-1/4"	1-1/4" – 3"	1-1/2" – 4"	1-1/4" – 8"	1" – 4"	1-1/4" – 4"
Flow Range	1 gpm – 30 gpm	30 gpm – 275 gpm	20 gpm – 350 gpm	20 gpm – 2,000 gpm	3 gpm – 500 gpm	2 gpm – 650 gpm
Shut-off Ranges	108 ft – 272 ft	65 ft – 170 ft	47 ft – 210 ft	18 ft – 484 ft	16 ft – 840 ft	62 ft – 820 ft

STANDARD CONSTRUCTION

Impeller Material	Modified PPO	Cast Iron, Optional 304 Stainless Steel, 1-2 hp Turf Boss	Thermoplastic, Cast Iron	Thermoplastic, Cast Iron, Ductile Iron, Stainless Steel, Bronze	Noryl®, Stainless Steel <small>(Noryl® is a Registered Trademark of G.E.)</small>	Stainless Steel
Volute Material	Cast Iron	Cast Iron	Thermoplastic, Cast Iron	Cast Iron, Ductile Iron, Stainless Steel	Cast Iron, Stainless Steel	Plastic, Stainless Steel

DRIVER

Driver Type	Electric Motor	Electric Motor	Electric Motor, Gas Engine	Electric Motor, Hydraulic, PTO (Water-Truck)	Electric Motor	Electric Motor
Horsepower Range	1/2 hp – 1-1/2 hp	1/2 hp – 7.5 hp	1 hp – 27 hp	1/2 hp – 125 hp	1/3 hp – 60 hp	1/3 hp – 15 hp
Enclosure	ODP	ODP & TEFC	ODP	ODP, TEFC	ODP, TEFC	ODP, TEFC
Phase	1 & 3	1 & 3	1	1 & 3	1 & 3	1 & 3
Voltage	115/230, 208-230/460	115/230, 208-230/460	115	115/230, 208-230/460	115/230, 208-230/460	115/230, 208-230/460
Speed (@ 60 Hz)	3600	1800 & 3600	3600	1800 & 3600	1800 & 3600	Fixed & Variable

FEATURED SERIES

<ul style="list-style-type: none"> ■ VersaJet ■ Convertible VersaJet 	<ul style="list-style-type: none"> ■ TurfBoss ■ FBSE Series ■ FBSEF Series 	<ul style="list-style-type: none"> ■ A Series ■ FBSGF Series ■ FNSGF Series ■ FMIG Series ■ FACGF Series ■ FNG-23V Series 	<ul style="list-style-type: none"> ■ DR Series ■ FAC Series ■ D Series ■ AG Series ■ XS Series ■ HC Series ■ Water Truck Pump 	<ul style="list-style-type: none"> ■ MH Series ■ BT4 Series ■ VR Series 	<ul style="list-style-type: none"> ■ Inline 400 ■ Inline 1100 ■ Inline 1100 SpecPAK™ ■ VR SpecPAK™
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JET PUMPS



Ideal for supplying fresh water to homes, cabins, farms or practically anywhere that has a suction lift of 100 ft or less. Franklin Electric offers models that can be configured for a variety of pressures and flow choices. In addition, our material options range from cast iron to stainless steel making these pumps the ideal choice for the job.

KEY BENEFITS

- Superior versatility through solutions built for customization and a variety of pressure and flow needs up to 30 gpm
- Compatible with Franklin Electric's Inline Controls to boost the system's overall water pressure (without an additional bladder tank)

VERSAJET

Built for easy customization, this pump covers a variety of performance needs. With our patent-pending "quick-change" jet nozzle replacement system and a small Allen wrench (included), the internal nozzle can be replaced with any of the three nozzles supplied to achieve the exact performance required.

Features:

- Each model offers superior versatility and can be configured for standard performance, high pressure or high flow
- Performance can be changed quickly without removing the plumbing or opening the case—delivering ease of installation and less time at the job site
- Handles shut-off pressures up to 90 PSI
- UL 778 approved for indoor or outdoor use



CONVERTIBLE VERSAJET

Although no single pump can meet all applications, the Convertible VersaJet from Franklin Electric comes close. Each model can be configured with a variety of pressure and flow choices in both shallow and deep-set installations.

Features:

- Heavy-duty cast iron pump case includes (3) 1" discharge/pressure ports for optimum installation flexibility, plus a 1/4" NPT port for pressure gauge mounting
- Adjustable height pump base further enables matching the pump to existing plumbing
- UL 778 approved for indoor or outdoor use



SELF-PRIMING PUMPS



Franklin Electric's self-priming offering of both clear water and solids handling units is among the widest available in the industry. Residential water transfer, commercial dewatering, agricultural irrigation and drainage are all ideal uses for these pumps.

KEY BENEFITS

- Cast iron pump cases for optimum durability and longevity
- Carbon/ceramic faced seals with other stainless-steel components
- Reliable industry standard motors range from 1/2 to 7.5 hp

TURF BOSS

Turf Boss 1 to 2 hp pump excels when used to supply high amounts of water via a timer system.

Features:

- Self-priming design, with the ability to lift water from a depth of 25 feet
- Shut-off pressures up to 130 feet, and flow rates to 70 gpm



FBSE SERIES

Given its semi-open cast iron impeller, ideal for handling fertilizer, salt water, dirty water or other liquids.

Features:

- Motors range from 1/2 to 3 hp and use higher than NEMA service factor
- Cast iron rugged construction with tapped openings provided for priming, venting and draining



FBSEF SERIES

Able to pump tough liquids at a maximum capacity of 295 gpm, the FBSEF series is reliable and rapid at the same time.

Features:

- Motors come in 1.5 to 7.5 hp and are fan cooled while being totally enclosed
- Cast iron construction with large chamber for rapid self priming
- Suction/discharge sizes are a minimum of 1-1/4"



TRANSFER PUMPS



Move tough water substances quickly and efficiently with a Franklin Electric transfer pump. A wide range of horsepower options delivers the performance you need for a variety of challenging applications: from saltwater removal to chemical transfer, from mining sites to industrial settings. Designed for daily use, the portfolio also offers a full line of gas engine driven pumps including standard centrifugal and self-priming units.

KEY BENEFITS

- Versatile range of pumps with flows up to 350 gpm
- Electric motor and gas engine driven power options

A SERIES

Flooded suction centrifugal pump suitable for use with saltwater, chemical transfer and other corrosive substances.

Features:

- Non-corrosive plastic casing and stainless-steel metal components
- Motor shaft is completely insulated from any pumping liquid
- UL and CSA approved



FMIG SERIES

This series is ideal for where flows of up to 300 gpm and 50–60 psi are required.

Features:

- Supplied with a Honda or Kohler engine
- Includes a built-in check valve to facilitate priming



FACGF & FNG-23V SERIES

Our centrifugal gas engine pumps can be used in mining, irrigation, construction and other heavy-duty applications.

Features:

- Briggs & Stratton or Honda engine integrated engine
- Cast iron impeller for maximum efficiency
- Up to 23 hp



FBSGF & FNSGF SERIES

These heavy-duty, gas engine, self-priming pumps are an ideal choice for water transfer applications and temporary irrigation.

Features:

- Equipped with Kohler, Briggs & Stratton or Honda engine
- Max working pressure of 120 psi while heading up to 185 feet



SINGLE-STAGE CENTRIFUGAL PUMPS



Franklin Electric's offering of Department of Energy compliant centrifugal pumps are available as electric motor-driven close-coupled pumps ranging from 1/2 hp through 125 hp, with flows up to 2,000 gpm.

KEY BENEFITS

- Available options in bearing frame and S.A.E. engine mount pump configurations
- Pumps are offered with flanged or threaded connections, with mechanical seal or packing gland options
- Offered in 1800 and 3600 rpm; ODP and TEFC enclosures

D SERIES

Robust D Series centrifugal pumps come standard with heavy-duty cast iron bodies for durability. The dynamically balanced impellers reduce bearing loads and enhance pump longevity.

Features:

- With models ranging from 0.5 to 50 hp, single- and three-phase motor options, as well as TEFC and ODP enclosure options, these pumps are sure to meet the demands of various applications
- Heavy-duty cast iron body for increased durability
- Impellers are offered in a variety of materials such as stainless steel, bronze and cast iron across models



AG SERIES

The AG Series features close-coupled, electric motor driven pumps producing flows ranging from 65 through 900 gpm. From well-irrigated pastures to watering acres of farmland to meet crop requirements, the AG Series from Franklin can keep your business growing.

Features:

- With nine of the industry's most popular rating options, standard JM and JP motor frames, and a back pull-out assembly for ease of seal replacement, the AG Series offers improved efficiency and overall performance
- NEMA standard JM and JP shaft motors; 1800 and 3600 rpm; ODP and TEFC enclosures available
- Back pull-out design



SINGLE-STAGE CENTRIFUGAL PUMPS



DR SERIES

The robust DR1-DR2 series pumps are available in a variety of pump construction materials to handle a wide array of applications.

Features:

- Square flange, 56J threaded and 56C keyed shaft motor-driven units are available, as well as pump end kits for those customers who choose to provide their own 56J or 56C motors



FAC SERIES

The versatile, general purpose FAC Centrifugal Pump is constructed from durable cast iron and includes a carbon/ceramic mechanical seal with FKM elastomer.

Features:

- Maximum temperature of 212°F
- Vertical or horizontal mounting orientations
- Standard 3600 rpm JM, open drip-proof motor designed for continuous operation



HC SERIES

The HC Series features heavy duty ductile iron volutes combined with low NPSH characteristics. This rugged pump was designed to handle tough applications, but also with serviceability in mind.

Features:

- Jack-out holes for ease of service as well as a replaceable shaft sleeve and bronze wear-rings
- Nominal impeller diameter: 7.5" & 10"



XS SERIES

The XS Series was designed with performance, serviceability and reliability in mind.

Features:

- Max-life bearings, standard JP motors, additional mounting options, mechanical and packing seals, casing jack-out holes, and enclosed hydraulically balanced impellers for exceptional performance and low NPSH qualities
- Nominal impeller diameter: 9" & 13"



WATER TRUCK PUMP

Franklin Electric has the pump you need for a variety of water truck applications: over-the-road, large off-road or self-filling.

Features:

- Heavy-duty cast iron construction volute with a back-pullout design that can be rotated for ease of installation
- Cast iron enclosed impeller for high efficiency; double keyed for improved reliability



MULTI-STAGE CENTRIFUGAL PUMPS



Franklin Electric's multi-stage centrifugal pump offering includes horizontal and vertical configurations. These units are available in various metallurgies (cast iron, 304 stainless steel or 316 stainless steel) to satisfy your specific application requirements.

KEY BENEFITS

- Ideal for applications such as water supply and pressure boosting; water treatment; light industry; irrigation and agriculture; and heating, ventilation and air conditioning (HVAC)
- Horizontal configurations are available for flow rates up to 90 gpm; vertical configurations are available for flow ranges up to 500 gpm

VR SERIES

VR Series vertical multi-stage pumps are available in options from 1 up to 95 m³/h with all 316 stainless steel hydraulics for superior durability, efficiency and performance.

Features:

- A small footprint, premium motor and rugged components provide a water pumping solution in nearly any tough application
- Rugged NEMA motor mounting with oversized thrust bearing ensures long operating life and enables the use of stock motors available in a wide variety of ratings and enclosures
- NSF/ANSI 61 & 372 Certified



MH SERIES

The MH Series horizontal multi-stage booster pump is designed to meet your pressure boosting needs. The stainless steel construction offers high performance in a wide variety of applications.

Features:

- Available in five flow rates: 15, 30, 45, 70 and 90 gpm
- Offered in different horsepower sizes in 1-phase or 3-phase options to assure you have the right pump for the job
- All 300 series stainless steel wetted components for maximum durability



BT4 SERIES

The BT4 horizontal booster pump is a low to medium capacity, high pressure, multi-stage unit. The BT4 can function as a multi-purpose high pressure pump, boosting water pressure from either city mains or private systems.

Features:

- Ideal for applications that require more pressure than flow
- Available in four flow rates: 5, 25, 35 and 45 gpm
- Back pull-out design enables motor removal for servicing without disturbing either the pump or plumbing



PRESSURE BOOSTING SYSTEMS

Whether you're looking for pressure boosting, constant pressure or pressure regulation, our product portfolio provides the right solution to bring any challenge under control. Ideal for new or existing applications, they help overcome a variety of water demands.

KEY BENEFITS

- Solutions for a variety of markets including commercial, industrial, municipal, residential and general pressure boosting
- Flexible output systems designed with electronic controllers that allow operation across an entire performance area

INLINE 400

A compact and economical way to meet all your pressure boosting needs. The unit's symmetrical design allows for easy installation while also enabling it to work with your existing plumbing configuration.

Features:

- Simple flow-based controls mean you get the pressure required every time you need it
- Whisper quiet operation
- Installs vertically or horizontally
- UL and NSF 61/372 certified



INLINE 1100

Provides constant pressure for both private wells and municipal water systems.

Features:

- Pump, motor, drive and pressure switch packaged as a system
- Compact design fits into small areas, even between floor joists
- Integrated motor design allows water to flow around it for quiet and cool operation
- CSA 108, UL 778, and NSF/ANSI 372 Certified



INLINE 1100 SPECPAK

Offering a simplified solution for a pressure boosting system, the Inline 1100 SpecPAK™ is a quiet, compact system that can be easily mounted to the floor, wall or ceiling to reduce footprint and maximize floorspace.

Features:

- Flexibility to add pump modules so the system can grow to accommodate new or unexpected water demands
- Quick connections within the individual pump circuit piping allow service/installations to be performed with minimal labor and tools
- Toggle between single-unit or multi-unit pump operation as system demand necessitates
- NSF 61/372, CSA & UL Certified



PRESSURE BOOSTING SYSTEMS

VR SPECPAK

The VR SpecPAK™ pressure boosting system is a versatile, configurable system that meets a wide range of operational, environmental conditions and integration needs—while using high-performance motors, pumps and controls.

Features:

- 316 stainless steel wetted components for superior durability, efficiency and performance over a wide variety of applications
- Up to 650 gpm & 350 PSI of boost pressure
- ASHRAE 90.1-2010 compliant with components that offer added protection
- NSF/ANSI 61 & 372 Certified



YOUR FRANKLIN EXPERIENCE RUNS BEYOND THE PUMP

SELECT & PURCHASE

GET WHAT YOU NEED, HOW AND WHEN YOU NEED IT

Whether you need to spec an entire system or replace a single part, Franklin Electric's tools and resources put convenience, product availability and order management at your fingertips.

- **FE Select:** Size. Configure. Quote. Input your performance requirements or specs, and our industry-leading online tool will help you find the right Franklin Electric product for the job.
- **FE Direct:** Your 24/7 online resource for viewing prices and availability, ordering products, tracking orders and accessing your account's details. Do business with Franklin Electric at your own pace whenever it's convenient—even from your smartphone. **For Franklin Electric distribution partners only.*



Franklin Electric is a global leader in the manufacturing and distribution of products and systems focused on the movement and management of water. We offer pumps, motors, drives, and controls for use in a wide variety of agricultural, commercial, industrial, municipal, and residential applications.

Connect with Us!

