



FEATURES

Impeller: Cast iron, with dual vanes. Balanced for smooth operation

Casing: Cast iron volute type for maximum efficiency. 1.5" or 2" NPT discharge (with included adapter)

Mechanical Seal: Silicon Carbide vs. Silicon Carbide sealing faces. Stainless steel metal parts, BUNA-N elastomers

Shaft: Corrosion-resistant, stainless steel. Threaded design

Fasteners: 300 series stainless steel

Capable of running dry without damage to components

Designed for continuous operation when fully submerged

Available in automatic and manual models

GFE Series

CAST IRON EFFLUENT PUMPS



APPLICATIONS

Specifically designed for the following uses:

- Homes, farms, trailer courts, motels, schools, hospitals, small business, effluent systems

SPECIFICATIONS

Pump

- Solids handling capabilities: $\frac{3}{4}$ " maximum
- Discharge size: 1.5" or 2" NPT (with included adapter)
- Capacities: up to 100 GPM
- Total heads: up to 85 feet TDH
- Temperature: 104°F (40°C) continuous, 140°F (60°C) intermittent

MOTORS

- Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer
- Class B insulation

Single phase (60 Hz):

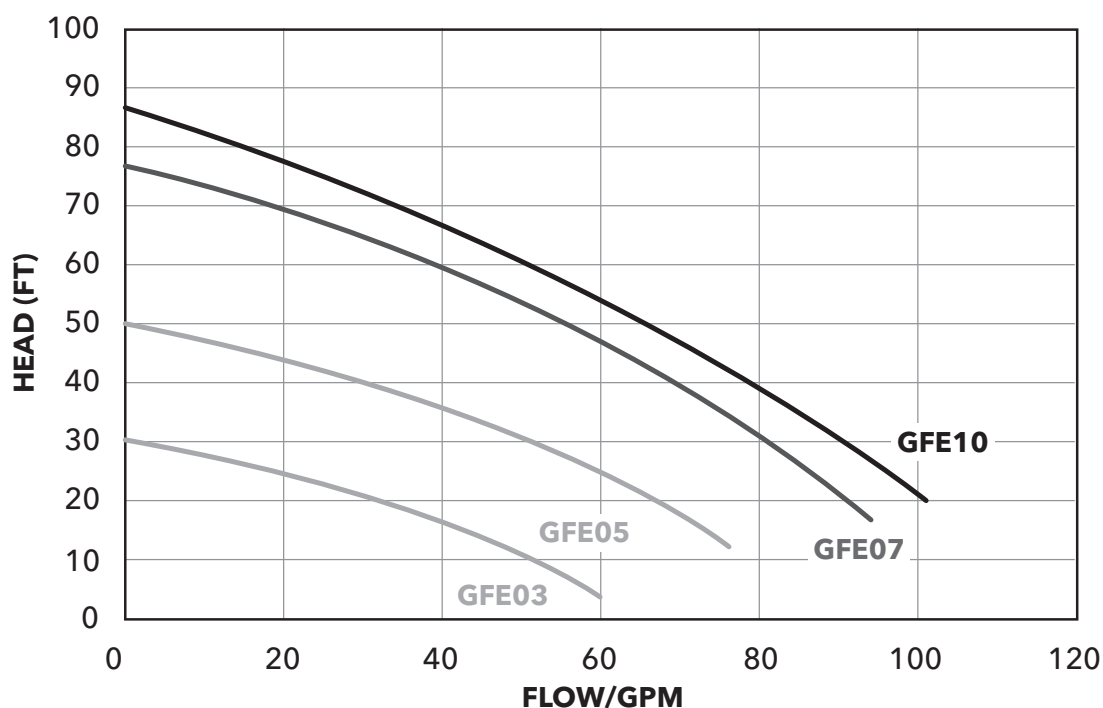
- Capacitor start motors for maximum starting torque
- Built-in overload with automatic reset
- SJTOW severe duty oil and water resistant power cords
- All models have NEMA three prong grounding plugs
- Designed for continuous operation: Pump ratings are within the motor manufacturer's recommended working limits, can be operated continuously without damage when fully submerged
- Bearings: Upper and lower heavy duty ball bearing construction
- Power cable: Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking. Standard cord is 20'.30' cord is available on some models
- O-ring: Assures positive sealing against contaminants and oil leakage

AGENCY LISTINGS



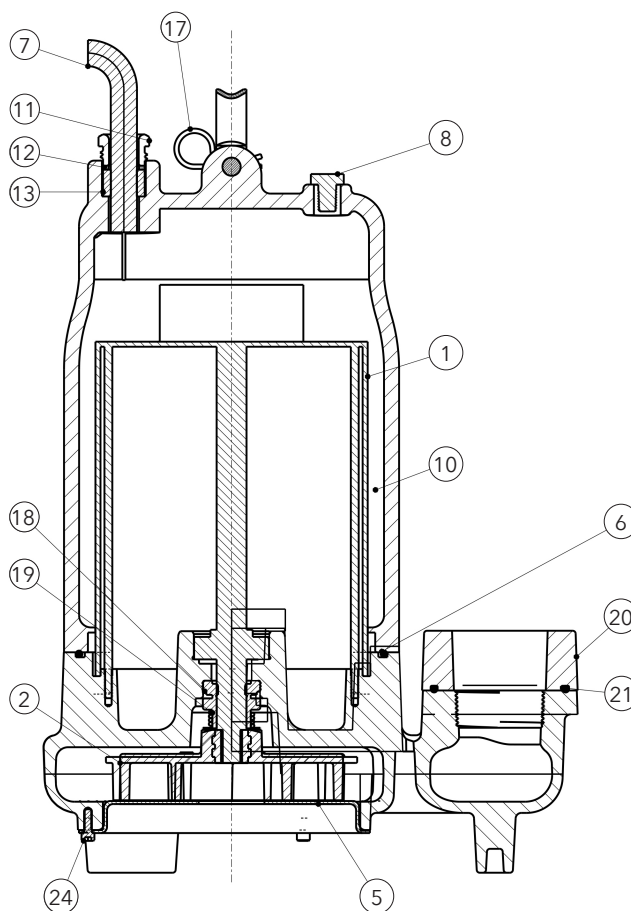
Tested to UL 778 and CSA 22.2 108 Standards
By Canadian Standards Association

HEAD COMPARISON



COMPONENTS

Item No.	Description
1	Motor
2	Impeller
3	Motor Cover
4	Casing
5	Impeller Cover
6	O-ring
7	Cord
8	Pipe Plug
9	Hex Cap Screws
10	Insulating Oil
11	Gland Nut
12	Washer
13	Strain Relief Packing
14	Handle
15	Handle Pin
16	Washer
17	Hair Pin
18	Mechanical Seal
19	Mechanical Seal
20	2" Adaptor
21	Adaptor O-Ring
22	Hex Cap Screw
23	Mono-Vane Impeller
24	Machine Screw



PRODUCT SPECIFICATIONS

Part No.	HP	Volts	Max. Amps	Locked Rotor Amps	Min. Circuit Breaker	Phase	RPM	Impeller Diameter (in.)	Float Switch Style	Cord Length (ft.)	Power Cable Size	Discharge Connection (in.)	Max. Solids Size	Shipping Weight (lbs.)
GFE0311	1/3	115	12.5	46.0	15A	1	3400	3	Piggyback	20'	14/3	1.5" or 2" NPT	3/4"	64
GFE0311M				46.0				3	Not Supplied					
GFE0511	1/2		14.5	46.0				3.56	Piggyback	20'				64.5
GFE0511M				46.0				3.56	Not Supplied					
GFE0712	3/4	230	10	27.5				4.32	Piggyback	20'				67.5
GFE0712M				27.5				4.32	Not Supplied	30'				
GFE0712M 30				27.5				4.32						
GFE1012	1		12.5	36.2				4.67	Piggyback	20'				65
GFE1012M				36.2				4.67	Not Supplied					
GFE1012 30				36.2				4.67	Piggyback	30				68

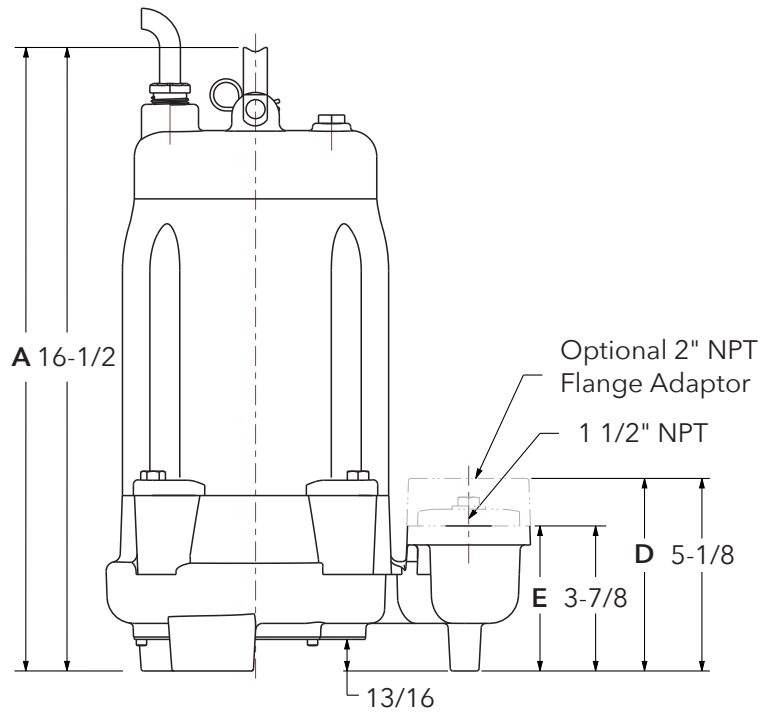
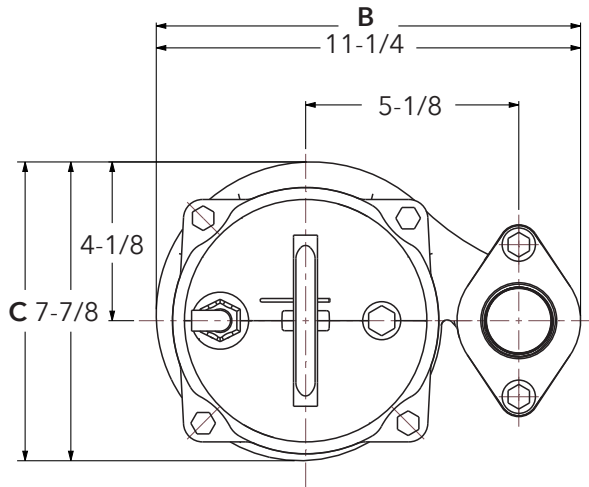
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RELIABLE. BLUE.**

Learn more about our complete line of wastewater products.



DIMENSIONS

	A	B	C	D	E
All Models	16 1/2"	11 1/4"	7 7/8"	5 1/8"	3 7/8"



K-SERIES

- NEMA 4X dead front outdoor rated enclosure
- Red LED alarm beacon
- HOA selector switch
- Field wiring terminal block
- Single phase models handle 120, 208 and 230V service
- Three phase models handle 200, 230 and 460V service
- Requires separate control/alarm power feed
- See brochure "BCPKSDPANELS" for additional information

STANDARD SERIES

- NEMA 4X outdoor rated enclosure
- Red alarm beacon
- HOA selector switch
- Through door pump run light(s)
- Through door alarm test and horn silence button
- Single phase models handle 120, 208 and 230V service
- Three phase models handle 200, 230, 460 and 575V service
- Accepts single or dual power feed
- See Brochure BCP3 and BCP4 for additional information on simplex and duplex models

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Let's Solve Water

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