

From the inventors of the self-priming flexible impeller pump

Industrial Flexible Impeller Pumps
Hygienic Flexible Impeller Pumps
Flexible Impeller Pump Accessories

**These pumps offer
unique capabilities
which are either not
available or costly
to acquire with
other pumps.**

Capabilities Include:

- **Immediate self priming**
- **Handling a wide viscosity range**
- **Operating equally well at low and high speeds**
- **Capable of transferring abrasive laden or air entrained liquids**
- **Able to transfer fluids with solids**
- **Compact size**
- **Pumps in either direction and can be mounted in any orientation**
- **Can drain even the last few ounces of liquid from a container**



Plant Utility Flexible Impeller Pumps

Plant Utility Pumps

APPLICATIONS

Excellent self-contained general utility pump. Draining sumps and meter boxes, cooling portable construction or maintenance equipment, or cleaning and washdowns. Use with nitrile impeller for draining crankcase and transmission oils. Maximum viscosity limit is 500 SSU.

General liquid transfers, circulation and processing, velocity mixing, pumping coolants, cellar, yard, and aquarium drainage, cooling arc welders, roof and excavation dewatering, utility shop pump, and animal pen washdowns.

TECHNICAL DATA

PUMP MODEL NO.	11810-0003	4720-0003
FLOW (10 Ft. Head)	9.5 GPM	11 GPM
BODY MATERIAL	Bronze	316 Stainless Steel
PORT SIZE	1/2" NPT – 3/4" Garden Hose Thread	1/2" NPT
VOLTAGE/AMP DRAW	115 Vac/7 Amps	115/230 Vac/7 Amps
IMPELLER	Nitrile	Nitrile
SHAFT SEAL	Lip Type	Lip Type
SHAFT MATERIAL	Steel*	Steel*
MOTOR TYPE	Open Drip Proof, 1/3 HP, 115/1/60	TEFC, 1/3 HP, 115/230/1/60
SIZE (Height x Width x Length)	7 ³ / ₄ " x 7 ¹ / ₄ " x 10 ¹ / ₂ "	8 ¹ / ₄ " x 7 ¹⁷ / ₃₂ " x 13 ¹ / ₈ "
WEIGHT (Approx.)	20 lbs.	35 lbs.

* Seal rides on extended stainless steel insert – liquid pumped does not contact motor shaft.

Head vs. Flow Table

11810-0003			4720-0003		
Total Head			Total Head		
PSI	FT.	GPM	PSI	FT.	GPM
4.3	10	9.5	4.3	10	11.0
8.7	20	7.6	8.7	20	10.0
13.0	30	6.0	17.3	40	6.7
17.3	40	4.2	21.6	50	5.0

PUMP MODEL NO.	17430-0003
FLOW (10 Ft. Head)	11 GPM
BODY MATERIAL	Glass-Filled Epoxy
PORT SIZE	1/2" NPT
VOLTAGE/AMP DRAW	115 Vac/9 Amps
IMPELLER	Nitrile
SHAFT SEAL	Carbon/Ceramic Face Type
SHAFT MATERIAL	Stainless Steel with Epoxy Drive Sleeve*
MOTOR TYPE	Totally Enclosed, Fan Cooled, 1/2 HP, 115/1/60
SIZE (Height x Width x Length)	8 ³ / ₈ " x 9 ³ / ₄ " x 14 ⁵ / ₁₆ "
WEIGHT (Approx.)	33 ¹ / ₂ lbs.

* No metal in contact with fluid pumped.

Head vs. Flow Table

17430-0003		
Total Head		
PSI	FT.	GPM
4.3	10	11.3
8.7	20	10.2
13.0	30	9.0
21.6	50	5.2

Performance tables show approximate flow in U.S. Gallons Per Minute for a new pump with a Nitrile Impeller. For Metric Conversion of flows and dimensions refer to Engineering Data.



Explosion hazard. Pumps with AC motors can spark. Do not use where flammable vapors are present. Failure to follow warning can result in property damage, personal injury or death.

FEATURES

The most widely applicable general utility pumps available. Lightweight, self-contained, durable and instantly self-priming. Heavy-duty bronze, 316 S.S. and Epoxy Plastic pump-heads with long-life motors.

Bronze & Stainless Steel pumps feature lip-type seals while the epoxy pump utilizes a mechanical face-type seal.



11810-0003



4720-0003



17430-0003