



Pinnacle-Flo, Inc.

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Self-Priming PUMP

About us

Pinnacle-Flo, Inc. is a leading supplier of centrifugal pumps and accessories. Our premium products have been widely accepted in various industries which include oil-gas exploration, petro-chemical, mining, water and waste water treatment, and flood control. We have been continuously increasing our portfolio of centrifugal pumps and parts to our customers. We also provide comprehensive supply chain services through our strategic domestic and international distribution service centers.



Self-Priming Pump

These pumps feature a large volute design that allows them to re-prime automatically in a completely open system without the need for suction or discharge check valves - and they can do it with the pump casing only partially filled with liquid and a completely dry suction line.



Features

Solids Handling Impeller

Two-vane, semi-open, solids handling impeller, reduce foreign material buildup and reduce pressure on seal and bearings for extended pump life.

Abrasion-Resistant Cartridge Mechanical Seal

Double-floating, self-aligning oil lubricated cartridge mechanical cartridge seal with stationary and rotating face of tungsten carbide or silicon carbide is specifically designed for abrasive industrial wastewater service.

Replaceable Wearplate

Replaceable heavy-duty wearplates fastened to the cover plate protects priming chamber from wear of erosion and can easily be removed for inspection or service.

Replaceable Cover Plate

Removable cover plate provides quick and easy access to pump interior without disconnecting piping. Clogs can be removed and pump returned to service in minutes. Impeller, seal, wearplate and flap valve can also be accessed through cover plate opening for inspection or service.

Removable Rotating Assembly

Removal of rotating assembly allows easy inspection of pump shaft or bearings without disturbing pump casing or piping.

Drive Variations

Pumps may be powered by gasoline or diesel engines. Electric motor driven pumps with "standby" engine power are also available.

Specifications

Size: 2", 3", 4", 6", 8", 10", optional 12" available

Max Capacity: 3,400 GPM

Max Head: 130"

Max Solids: 3"

Max Temperature: 106 F

Material of Construction: Cast Iron, Stainless, CD4MCU

Applications

1. Liquid En-trained with Solids
2. General Industrial, Pump ^ Paper, Mining, Meat Packing
3. Raw Sewage, Sludge
4. Slurry
5. Trash
6. Waste water

