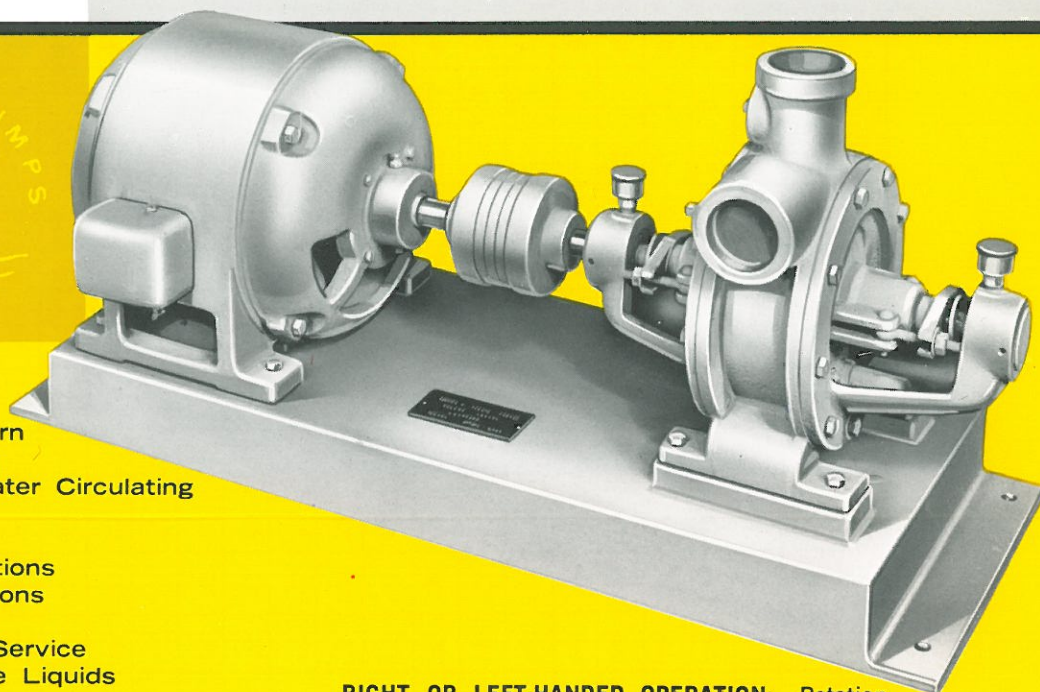


TYPE
'T'

turbine pumps



- Boiler Feed
- Condensate Return
- Pressure Booster
- Hot and Cold Water Circulating
- Irrigation
- Marine Service
- Industrial Applications
- Process Applications
- Cooling Tower
- Food and Dairy Service
- High Temperature Liquids

CAPACITY: From 1 to 150 GPM against heads up to 550 ft. Capacity varies only slightly even if there is considerable variation in the head condition. Capacity can be increased or decreased by changing cover plates and impeller.

ACCESSIBILITY: Pump can be completely disassembled without disturbing piping or motor-pump-base alignment.

SUCTION LIFT: 28 ft. at sea level. Capacity reduces as suction lift increases beyond 20 ft.

WILL NOT VAPOR BIND: Because of the unusual design of the impeller it will handle considerable air or vapor with the liquid without any vapor lock within the pump.

SPECIAL METAL: Pumps of all iron, all bronze or of special corrosion resisting alloys can be furnished.

BEDPLATES: Illustration shows standard fabricated steel base. Cast iron drip-rim bedplates are also available.

RIGHT OR LEFT-HANDED OPERATION: Rotation can be changed in the field without special parts, by interchanging the cover plates, and reversing the center section.

BEARINGS: Two selected outboard ball bearings, one on each side of the impeller, eliminate deflection and insure smooth, quiet operation.

PUMP CASING: Cast iron, vertically split, both sides being removable. Each side is cast integral with the bearing bracket, making a sturdier unit and preventing misalignment of the bearings.

IMPELLER: Bronze, double suction, turbine type impeller is non-overloading.

STUFFING BOXES: Furnished as standard with adjustable glands for simple stuffing box adjustment or repacking. Mechanical shaft seals for standard or special applications are available.

SHAFT: Stainless steel, ground and polished.

SELF PRIMING PUMPS: Can be furnished at slight additional cost.

ESTABLISHED 1927



FEDERAL PUMP CORPORATION

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