

Water Sampling Pumps

MTH PUMPS

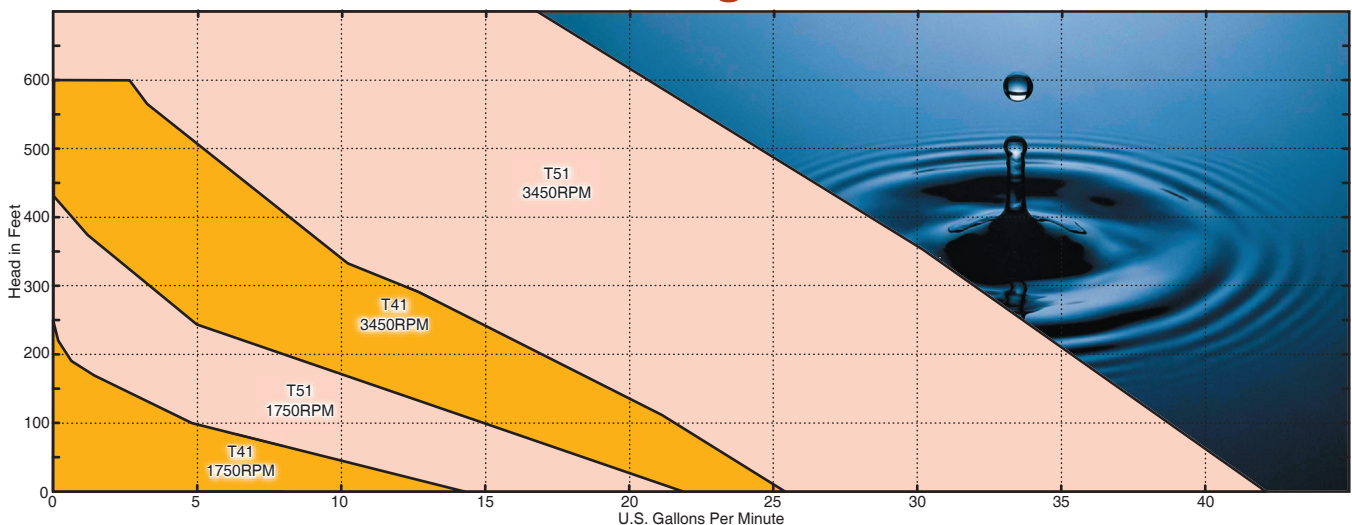
Single Stage Turbine Products

T41 • T51 Series

MTH T41 and T51 Series regenerative turbine pumps offer excellent performance in low flow, high head, clean fluid applications. These units combine the latest concepts in turbine hydraulic design optimization, with computer controlled manufacturing, to produce high efficiency and performance with low NPSH requirements. These easily serviceable pumps provide long life in clean fluid applications featuring a floating, self-adjusting impeller design with no metal to metal contact. This design is especially suited to high purity and low fluid lubricity applications where the carbon vanes and metal gears of many positive displacement pumps are troublesome. Regenerative turbine impellers also effectively handle high percentages of entrained vapor to help reduce the possibility of vapor lock. All pumps are 100% tested to guarantee performance prior to shipment.



T41•T51 Performance Range



CONSTRUCTION

Standard construction is cast iron bronze fitted. Internal wetted cast iron parts are electroless nickel-plated and the double-sided bronze impeller is hydraulically balanced to minimize wear. T Series pumps offer a replaceable shaft sleeve for maximum fluid compatibility. Standard seals are rated for 230°F Water.

OPTIONAL FEATURES

Construction materials of all iron, all bronze, and 316 stainless steel are available. Pumps can also be pedestal mounted for flexible coupling drive by almost any type of motor. Special seal materials, elastomers, internal seal flushes, and seal cooling jackets are available for temperature and fluid compatibility. Sealless canned ST41 and ST51 Series are also available.



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