

FLEXIBLE CONFIGURATION OPTIONS

- Semi-open impeller option for each flow series (VLST models only)



Same bowl - semi-open or closed impeller

- Multiple bearing material options for intermediate bowls



- One suction case and one suction bell for ALL flow series



Applies to VLST models only

- Motor brackets to fit all 8" and 10" submersible motors



Sub Turbine models only

- Suction bracket with integrated suction screen



Sub Turbine models only



BERKELEY® Driving Innovation in Products

CHECK OUT THESE OTHER GREAT NEW PRODUCTS

- 12VT Series - Vertical Lineshaft Turbine Pumps
- 5, 6, and 7 TMH Series - Submersible Turbine Pumps
- Pentek® XE-6 and XE-8 - 6" and 8" Submersible Motors
- Pentek Intellidrive XL - high horsepower, Variable Frequency Drives



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B1212BK 102/07/18

BERKELEY® VT Series BERKELEY® TMH Series

10" Vertical Lineshaft Turbine Pumps
10" Submersible Turbine Pumps

GET MORE
PERFORMANCE
OPTIONS
WITH LESS
EFFORT



Get More with Less

ASK FOR THE PUMP SERIES THAT DELIVERS AN AVERAGE 27% MORE HEAD PER STAGE*, VERSUS THE CURRENT FAIRBANKS NIJHUIS® AND BERKELEY® MODELS.

MORE PERFORMANCE

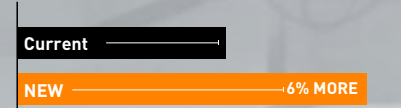
Average of 27% more head per stage



*Head per stage improvement based on comparing current models single stage head per stage, at BEP, versus new models single stage head per stage, at current model's BEP flow rating

MORE EFFICIENCY

Up to 6% improvement in Efficiency



Efficiency improvement based on comparing current models for stage efficiency, at BEP, versus new models (comparable performance) efficiency at current model's BEP flow rating

MORE VALUE

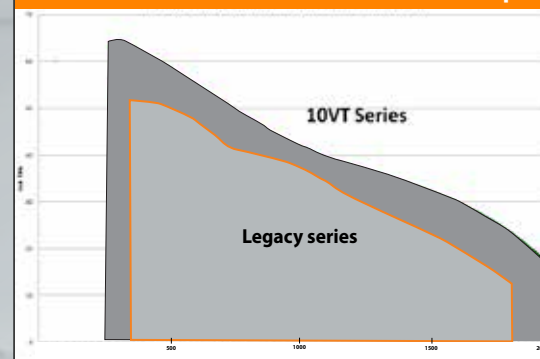
Up to 7% improvement in Cost of Operation



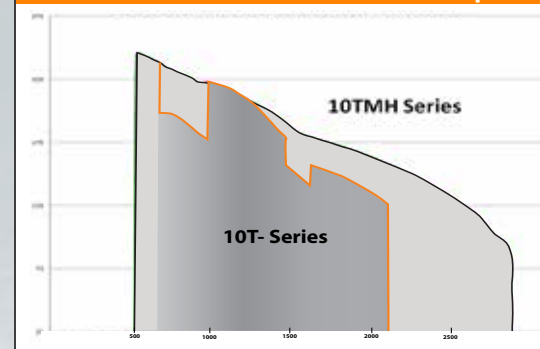
Cost of Operation improvement based on comparing current model for stage bowl horsepower requirement, at BEP, versus new models (comparable performance) bowl horsepower at current model's BEP flow rating. Bowl horsepower was then converted to kilowatts, to generate electricity costs (Cost of Operation).

MORE COVERAGE (with fewer models)

10VT Vertical Lineshaft Turbine Pumps



10TMH Submersible Turbine Pumps



LESS EFFORT

NEW BERKELEY 10" VLST/SUB T OFFERING (AG IRRIGATION)

FLOW SERIES	BOWLS	IMPELLERS	INLET ADAPTERS	ADAPTERS	SUCTION BELLS	DISCHARGE ADAPTERS	ADAPTERS
10VT275	1	1	1	1	1	1	1
10VT400 10TMH-750	1	1	1	1	1	1	1
10VT500 10TMH-1000	1	1	1	1	1	1	1
10VT700 10TMH-1350	1	1	1	1	1	1	1
10VT900 10TMH-1750	1	1	1	1	1	1	1
10VT1150 10TMH-2250	1	1	1	1	1	1	1
10VT1300	1	1	1	1	1	1	1
VLST	7	7	7	7	7	7	7
Sub T	2	2	2	2	2	2	2
Total	9	9	9	9	9	9	9

CURRENT FAIRBANKS NIJHUIS/BERKELEY 10" VLST/SUB T OFFERING (AG IRRIGATION)

FLOW SERIES	BOWLS	IMPELLERS	SUCTION CASES / INLET ADAPTERS	SUCTION BELLS	DISCHARGE CASES / DISCHARGE ADAPTERS
8T-950	1	1	1	n/a	1
10VT-250 10VT-300	1	1	1	1	1
10A / 10T-750 10B / 10T-900 10C / 10T-1200	1	1	1	1	1
10M	1	1	1	1	1
10G / 10T-1600 10I / 10T-1900	1	1	1	1	1
10K 10N	1	1	1	1	1
10RM 10RL 10RH	1	1	1	1	1
10KH	1	1	1	no suction bell option	1
10KH	1	1	1	1	1
10KH	1	1	1	1	1
VLST	35	35	8	7	25
Sub T	6	1	6	-	3
Total	41	36	14	7	28
Total VLST	35	35	8	7	25
Total VLST + Sub T	41	36	14	7	28

What that means

- Quoting is easier and faster
- Pump assembly and delivery is faster

BERKELEY®

Designed to Give You More

10VT VERTICAL LINESHAFT TURBINE PUMPS

DUCTILE IRON DISCHARGE CASE

Ductile Iron - for higher strength and better corrosion resistance

316 STAINLESS STEEL INVESTMENT CAST IMPELLERS

High corrosion resistance, high strength, precision cast and machined for superior performance

BOWL BEARING OPTIONS

Rubber (standard)
Bronze (optional)
Vesconite® (optional)*
Covers most application needs

CAST IRON SUCTION CASE

One suction case for all flow series (pressed in adaptor required for some flow series)



O-RING SEAL ON THE BOWLS

Creates a better sealing surface, and spreads the load across the flange of the bowl

416 STAINLESS STEEL COLLETS

Provides increased durability and better corrosion resistance

300 SERIES STAINLESS STEEL HARDWARE

For better corrosion resistance

CAST IRON SUCTION BELL

One suction bell for all flow series (via a threaded-in adaptor to the suction case)

10TMH SUBMERSIBLE TURBINE PUMPS

DUCTILE IRON DISCHARGE ADAPTER (8")

Ductile Iron - for higher strength and better wear resistance

316 STAINLESS STEEL SAND COLLAR

For better corrosion resistance

BOWLS

Cast Iron, epoxy-coated (standard). Ductile Iron (optional, VLST models only) covers most application needs

416 STAINLESS STEEL COLLETS

Provides increased durability and better corrosion resistance

316 STAINLESS STEEL INVESTMENT CAST IMPELLERS

High corrosion resistance, high strength, precision cast and machined for superior performance

DUCTILE IRON SUCTION BRACKET

With integrated, cast-in screen. Eliminates issues caused by collapsed or missing suction screens.

DUCTILE IRON MOTOR ADAPTERS

Separate adapters available to fit all 8" and 10" submersible motors, up to 200hp



* Vesconite® is a registered trademark of Virginia Engineering Services (Pty) Limited