



## VERTICAL TURBINE PUMPS

## SUBMERSIBLE TURBINE PUMPS

BOWL SIZES	5" - 28"	5" - 28"
FLOW	50-18,000 USGPM	50-18,000 USGPM
HEAD	Pressure to 800psi	PRESSURE TO 800PSI
DRIVERS	VSS, VHS, Right Angle Gear Drives	Submersible Electric
DESCRIPTION	Enclosed lineshaft: Oil lubricated or Fresh water flush Open pre-lube lineshaft product lubricated or enclosed lineshaft mechanical seal or packed stuffing box	Vertical deep well, Vertical inline, or horizontal booster

## COMPONENT

## CERTIFIED MATERIAL OPTIONS

BOWLS	3M Scotchkote 134 lined, Class 30 Cast iron enamel-lined A48, Ductile iron (A536), 65-45-12	
IMPELLERS (COLLETED OR KEYED)	Nickel Aluminum Bronze (C955), 316SS	
WEAR RINGS	Aluminum-bronze (C954), 316SS/416SS, A536 Ductile iron 65-45-12	
BEARINGS	Bronze (C89835), Vesconite, NBR6231-70 Rubber	
SHAFTING	416SS, 316SS	
COUPLINGS, SHAFT (THREADED)	416SS, 304SS, 316SS	
COUPLINGS, SHAFT (KEYED)	416SS, 304SS	
COUPLING, MOTOR		316SS, 416SS
COLUMN PIPE	Flanged or Threaded: Steel (A53 Grade B), 316SS	
BEARING RETAINER	304SS, 316SS, Integral fabricated steel A36	
ENCLOSING TUBE	316SS, 304SS, AB53 Grade B steel, Lineshaft Bearing (89835)	
DISCHARGE HEADS/ELBOW	Cast iron (A48), Ductile iron (A536), Fabricated steel (A36), 316SS	
STRAINER/INLET SCREEN	304SS/316SS	
FEATURES & OPTIONS	Extra lateral when required Wear rings LH or RH threaded oil lube 3M Scotchkote 134	Dynamic balanced impellers Reed critical frequency analysis Torsional & Lateral vibration analysis

# SIMFLO®

# NSF 61 VERTICAL & SUBMERSIBLE TURBINE PUMP GUIDE

COMMERCIAL | INDUSTRIAL | MUNICIPAL

SIMFLO is NSF/ANSI/CAN 61 and NSF/ANSI 372 certified by NSF International for Vertical and Submersible Turbine Pump assemblies. The complete pump, from the suction to the discharge, is certified to pump drinking water without imparting chemical contaminants or impurities that can affect our health.

## WHAT IT MEANS FOR YOUR BUSINESS

Standard 61 is regulated and required for most potable water products in the U.S. When you use a Standard 61-certified product, you open doors to new projects and ensure you fulfill your duty as a professional water systems contractor to protect public health and safety. This certification is yet another way that SIMFLO ensures the greatest benefit to both you and your end-users.



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