

SUBMERSIBLE TURBINE PUMPS

ORDERING INFORMATION CONTINUED

Variable Speed Submersible Turbine Pumps

Variable speed, variable length.

Model	Description	Model Length Range Number	Model Length Range*
STPMVS2-VL1	2 hp variable speed with MagShell®	VL1	59' - 87'
STPMVS2-VL2	2 hp variable speed with MagShell®	VL2	90' - 151'
STPMVS2-VL3	2 hp variable speed with MagShell®	VL3	122' - 213'
STPMVS4-VL1	4 hp variable speed with MagShell®	VL1	64' - 92'
STPMVS4-VL2	4 hp variable speed with MagShell®	VL2	95' - 156'
STPMVS4-VL3	4 hp variable speed with MagShell®	VL3	127' - 218'

Variable Speed Intelligent Submersible Turbine Pumps

Variable speed, variable length, and AG compatible.

Model	Description	Model Length Range Number	Model Length Range*
ISTM-1	2 hp AG variable speed with MagShell®	VL1	59' - 87'
ISTM-2	2 hp AG variable speed with MagShell®	VL2	90' - 151'
ISTM-3	2 hp AG variable speed with MagShell®	VL3	122' - 213'
ISTMVS4-VL1	4 hp AG variable speed with MagShell®	VL1	64' - 92'
ISTMVS4-VL2	4 hp AG variable speed with MagShell®	VL2	95' - 156'
ISTMVS4-VL3	4 hp AG variable speed with MagShell®	VL3	127' - 218'

Notes:

- Remove "M" from model number for non-MagShell® pump motor assembly.
- All STP models are UL and cUL listed for compatibility with fuel mixtures containing up to 10% ethanol with gasoline, up to 5% Biodiesel with diesel fuels, and 20% MTBE, 20% ETBE or 17% TAME with gasoline.
- All IST models are compatible with fuel mixtures containing diesel fuel with up to 20% Biodiesel, 100% Biodiesel, up to 85% ethanol with gasoline, and 20% MTBE, 20% ETBE or 17% TAME with gasoline.
- All models are supplied with a standard check valve unless factory option "R" or "W" is specified.
- All above models can only be powered by a MagVFC™. 4 hp models require three-phase incoming power supply, 2 hp models can be supplied with single- or three-phase incoming power.
- 4" riser pipe, if supplied locally, must be 4½" OD by 3/16" WT tubing.
- For riser pipe length 31' to 60', additional charge applies (call Customer Service for lead times).

*Model length (A) defined as the dimension from turbine manifold bottom to pump motor inlet.

Factory Installed Options

Specified in model number at time of STP order.

Model	Description
F	Floating suction adapter, 1½" NPT female, must be factory installed
K	IFS (intake filter screen) factory assembled to pump motor assembly
R	Model R check valve, factory installed, for Veeder-Root® PLLD Line Leak
W	Model W check valve, factory installed, for Red Jacket PPM4000 Line Leak

Field Installed Options

Intelligent submersible turbine pump specific accessories.

Model	Description
5874202800	MagVFC™, 2 hp or 4 hp variable frequency controller, one required per STPM VS2 or VS4
400137908	Syphon check valve, alcohol-gasoline compatible (when ordered with STPM VS2 or VS4)
402459931	Model 65 psi check valve AG compatible, (for slave of manifolded STPM VS2 or VS4 with Veeder-Root® PLLD)
402507930	Secondary syphon kit (when two syphon primes are required for one STPM VS2 or VS4)
5800300100	STP-DHI dispenser hook isolation for 120 Volt dispenser handle switches, up to eight each

