

# STA-RITE® Product Selection Guide

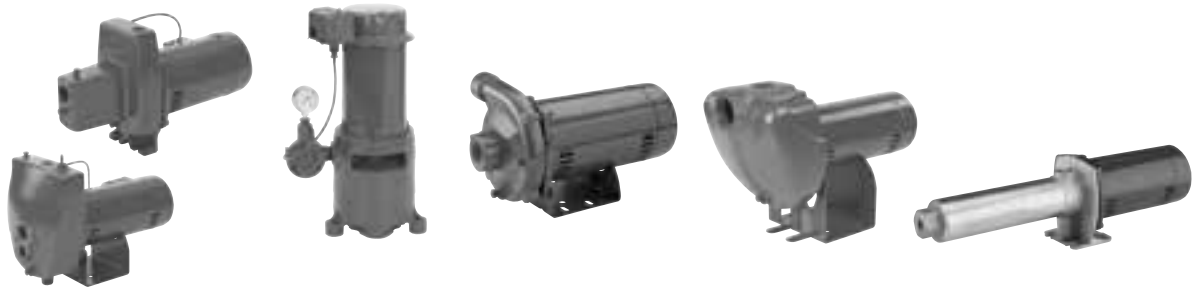


## PENTEK® MOTORS AND CONTROLS

PRODUCT TYPE	4" SUBMERSIBLE MOTORS	SUBMERSIBLE MOTOR CONTROLS	6" SUBMERSIBLE MOTORS	CONSTANT PRESSURE CONTROLLER	SINGLE-PHASE MOTOR PROTECTORS
APPLICATION	Water systems for residential, industrial, commercial, multiple housing and farm clean water use	Water systems for residential, industrial, commercial, multiple housing and farm clean water use	Water systems for residential, industrial, commercial, multiple housing and farm clean water use	Residential, commercial and irrigation constant pressure systems	Water systems for residential, industrial, commercial, multiple housing and farm clean water use
DESCRIPTION	Single- and three-phase 4" submersible high thrust motor	Single-phase motor controls for submersible applications	Single- and three-phase 6" submersible motor	Constant pressure controller for below and above ground applications	Single-phase motor protectors for submersible applications
MATERIALS	Stainless steel construction	NEMA 3R Enclosure	Stainless steel and epoxy-coated cast iron	NEMA 1, NEMA 3R, and NEMA 4X Enclosures Available	NEMA 3R Enclosure
<b>PERFORMANCE</b>					
Capacity	N/A	N/A	N/A	N/A	N/A
Head	N/A	N/A	N/A	N/A	N/A
SUCTION/DISCHARGE	N/A	N/A	N/A	N/A	N/A
HORSEPOWER	1/2 to 10 HP	1/2 to 15 HP	5 to 50 HP	1/2 to 150 HP	1/3 to 15 HP
SERIES	XE	SMC	XE-6	PID, XL	SPP

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PRODUCT TYPE	SELF-PRIMING SHALLOW WELL AND CONVERTIBLE JET	VERTICAL SINGLE & MULTI-STAGE AND SELF-PRIMING HORIZONTAL MULTI-STAGE DEEP WELL JET	SMALL, STRAIGHT CENTRIFUGAL	SELF-PRIMING CENTRIFUGAL	HIGH PRESSURE BOOSTER PUMPS
APPLICATION	Residential and general water supply systems booster, and light irrigation	General water supply, booster and light irrigation for 2", 3" and 4" or larger water wells	General purpose, process, booster and liquid transfer	Lawn sprinkling, light irrigation, general dewatering and sump drainage, liquid transfer	General purpose booster, warm and cold water wash down, cleaning
DESCRIPTION	Threaded connections Motor-drive Mechanical seal Back pull-out design Convertible to deep well use	Threaded connections Motor-drive Mechanical seals	Threaded connections Motor-drive, ODP and TEFC Mechanical seals – standard and high temperature Back pull-out design 4-position discharge	Fast priming Threaded connections Motor- and engine-drive Portable or permanent installation Mechanical seals Back pull-out design	Threaded connections Motor-drive Mechanical seals ODP and TEFC motors
MATERIALS	Cast iron or fiberglass reinforced thermoplastic with thermoplastic impellers	Cast iron with thermoplastic impellers	Cast iron with bronze (high temperature) or thermoplastic impellers	Cast iron or fiberglass reinforced thermoplastic with bronze, cast iron or thermoplastic impellers	Signature 2000® – Stainless steel or cast iron construction with thermoplastic impellers/diffusers
<b>PERFORMANCE</b>					
Capacity	To 45 GPM	To 55 GPM	To 260 GPM	To 240 GPM	To 40 GPM
Head	To 160 TDH/ft.	To 325 TDH/ft.	To 140 TDH/ft.	To 160 TDH/ft.	To 690 TDH/ft.
SUCTION/ DISCHARGE	1" to 1-1/4" 3/4" to 1"	1-1/4" suction, 1" drive 1"	1-1/4" to 2-1/2" 1" to 2"	1" to 3" 1" to 2-1/2"	3/4" to 1-1/4" 1" to 1-1/2"
HORSEPOWER	1/3 to 1-1/2 HP	1/2 to 2 HP	1/3 to 5 HP	1/2 to 5 HP	1/2 to 3 HP
SERIES	SN, HN, FN, PN, SL, HL, FL, PL	SSJ, MS, HMS	J/ JB, CC	D, DS3, EDD, DPC, PD	HP, HPS

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6" STAINLESS STEEL SUBMERSIBLE TURBINE	4" SUBMERSIBLE	WATER SYSTEMS TANKS		
		PRO-SOURCE® COMPOSITE PRESSURIZED FIBREWOUND	PRO-SOURCE PRO-SOURCE PLUS PRESSURIZED STEEL	PRO-SOURCE COMPOSITE CONTACT & SIDEPORT CONTACT "AIR OVER WATER" STEEL
General water supply, irrigation, booster, sump, circulation, dewatering	General water supply, booster, sump, circulation, and irrigation	General water storage and transfer	General water storage and transfer	General water storage and transfer
Crimped and threaded connections Completely submerged sealed motor coupled to pump	Threaded connections Completely submerged sealed motor 2 and 3 wire	Pre-pressurized composite well tank CSA Classified to ANSI/NSF 61 Field serviceable	Pre-pressurized steel well tank CSA Classified to ANSI/NSF 61	Air over water standard tank
All stainless steel construction	Signature 2000® – Stainless steel and composite construction with thermoplastic impellers/diffusers 70 GPM Series – Cast iron bowls with thermoplastic impellers 75 GPM and 90 GPM High-Flo Series	Pressure vessel: polyethylene Exterior: continuous, overlapping fiberglass strands, sealed with high-grade epoxy resin, then oven-cured	Pressure vessel: steel Exterior: baked-on powder polyester paint Water separator: PVC	Pressure vessel: steel Exterior: baked-on powder polyester paint Interior: baked-on epoxy paint
To 365 GPM To 1400 TDH/ft.	To 125 GPM To 1900 TDH/ft.	Physical Capacity: 14 - 119 gallons Drawdown: 5.3 - 43.8 gallons Maximum operating pressure: 125 PSI	Physical Capacity: 2 - 119 gallons Drawdown: 0.7 - 41.3 gallons Maximum operating pressure: 125 PSI	Physical Capacity: 30 - 264 gallons Drawdown: 7 - 50 gallons Maximum operating pressure: 100 PSI
3" to 4"	1-1/4" to 2"	1" to 1-1/4" NPT	3/4" to 1-1/4" NPT	1-1/4" NPT
1 to 60 HP	1/2 to 10 HP	N/A	N/A	N/A
Berkeley	Signature 2000 Series, 70 GPM Series and 90 GPM Series	Pro-Source Composite	Pro-Source Plus	Pro-Source Composite



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