

PUMPS

Section	Page
----------------	-------------

4" Pumps

4" ES N Series Pumps	A-1
4" ES S Series Pumps	A-3
4" AY McDonald Pumps	A-5

6-10" SS Pumps

6-10" HiLo S Series Pumps	A-11
---------------------------	------

Sub-Turbine

Simflo Sub Turbine Pumps	A-13
--------------------------	------

Centrifugal Pumps

Berkeley Irrigation Pumps	A-17
Stenner Chemical Metering Pumps	A-18
AY McDonald 89000 Series Sprinkler Pumps	A-19
DAB E.Sybox Series	A-20
Zoeller Sump, Effluent & Sewage	A-22

Jet Pumps

AY McDonald 8300 Series Jet Pumps	A-23
-----------------------------------	------



Since 1937, when Berkeley pumps were first used to irrigate the fertile fields of the San Joaquin Valley of Central California, up-through today's most challenging water transfer projects and residential water flow needs, the name Berkeley has stood for uncompromised quality and proven reliability. As Berkeley has grown, so has its product line.

Pentair Berkeley B-Series Close Coupled Motor Drive Centrifugal Pumps

Berkeley Close-Coupled End-Suction Pumps are ideal for most applications requiring high performance, easy maintenance and moderate initial cost. Cast Iron construction with unique back pull-out design permits access to the impeller without disturbing the piping.

Key Features

- Four-Position Discharge
- Premium-Grade Motors
- Motor Bracket
- Maintenance-Free Shaft Seal
- Replaceable Slip-On Shaft Sleeve
- Replaceable Bronze Wear Ring
- Superior Impeller
- Heavy-Duty Volute Case
- Multiple Taps
- Durable Finish



Pentair Berkeley B-Series Frame Mount Centrifugal Pumps

Berkeley Close-Coupled End-Suction Pumps are ideal for most applications requiring high performance, easy maintenance and moderate initial cost. Cast Iron construction with unique back pull-out design permits access to the impeller without disturbing the piping.

Key Features

- Precise Geometric Design for Increased Hydraulic Efficiency
- Thick-Walled Close-Grained Cast Iron to Handle the Stresses of Everyday Use
- Back Pull-Out Design Allows Easy Removal And Service Without Disturbing Piping Connections
- Enclosed Impeller Designed and Machined to Optimize Performance and Operating Efficiencies
- Discharge May Be Rotated To Any of Four Positions for Piping Convenience



Back to Pump Index

STENNER PUMPS®

What is a peristaltic pump?

A peristaltic pump is a self-priming pump that achieves pumping action by moving a system of rollers against a flexible tube. The pumped fluids (e.g., chemical feeds) are never exposed to the air or to the mechanical moving parts. The roller design prevents siphoning by providing a constant seal on the pumping tube.

Why Choose A Stenner Pump?

The possibilities are endless with Stenner peristaltic metering pumps. Select from an array of pumps with different operating controls, flow rate outputs, and operating pressure for applications such as oxidation, disinfection, pH control, or for the accurate injection of additives for a manufacturing or industrial process.

Markets Served

- Water Conditioning
- Animal Health
- Pool & Spa
- Industrial Process
- Water & Wastewater
- Cooling Towers
- Irrigation
- Car Wash
- Food & Beverage
- Metal Finishing
- Specialty



Applications

- Sterilization
- pH Control
- Disinfection
- Flocculation
- Iron Control
- Waste Digestion
- Process Water
- Odor Control
- Corrosion Control
- Scale Reduction
- Sanitation



Back to Pump Index

A.Y. McDonald 89000 Series Self Priming Sprinkler Pumps

<u>Model</u>	<u>HP</u>	<u>Voltage</u>	<u>Suction</u>	<u>Discharge</u>	<u>Weight</u>	<u>List Price</u>
89100	1	115 / 230	1 1/2"	1 1/2"	59	\$ -
89150	1 1/2	115 / 230	1 1/2"	1 1/2"	63	\$ -
89200	2	230.00	1 1/2"	1 1/2"	64	\$ -

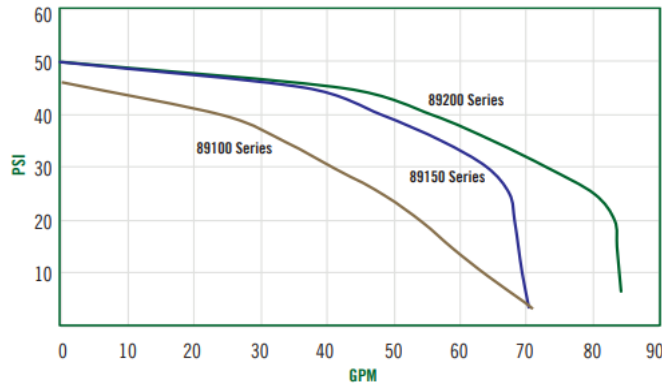
Back to Pump Index



Features:

- Up to 85 GPM
- 1 1/2" Inlet & outlet
- Reliable, robust, and tested motor
- Easy to switch between 115V & 230V (Factory preset to 230V)
- 2 HP Sprinkler pump - 230V Only
- 304 Stainless steel motor shaft with wrench flat
- All iron pump housing and seal plate
- 304 Stainless steel insert on impeller
- Stainless steel wear ring between the impeller & diffuser
- Stainless steel bolt hardware connecting pump to motor

Flow GPM vs. Pressure PSI Curve



Performance

Model No.	HP	Suction Lift - Ft.	Capacities in GPM at Discharge Pressure				Max. Shut off PSI
			10	20	30	40	
89100	1	0	63	54	41	24	46.2
		5	61	51	38	19	44
		10	56	46	32		41.9
		15	51	44	28		39.7
		20	43	40	23		38.3
		25	35	34	18		34.8
89150	1 1/2	0	69	68	64	48	49.9
		5	62	61	58	42	46.7
		10	55	53	51	35	45
		15	48	48	46	26	44.2
		20	42	40	39	15	43.8
		25	34	34	30		41.4
89200	2	0	83	83	73	54	50
		5	73	73	69	49	48
		10	57	57	56	39	48
		15	50	50	50	34	43.8
		20	42	42	42	22	45.1
		25	34	34	34		39.4

DAB WATER TECHNOLOGY E.SYSLINE

Model	Max Flow	Max PSI	Voltage	Dimensions	List Price
E.Sybox Mini [®]	22 GPM	80 PSI	1 ph 115v	17.4" x 10.7" x 9.5"	\$ -
E.Sybox	32 GPM	92 PSI	1 ph 230v	22.4" x 10.6" x 13.8"	\$ -

The E.Sysline from DAB is a constant pressure system that intergrates with existing systems for an immediate pressure boost. With applications ranging from small houses to multi unit aparment complexes, the E.Sysline has a product that will fit every job.

Features:

- *Adjustable set point from 14 to 85psi
- *115v & 230v models
- *Quiet operation (45 dBA)
- *Wireless connection capabilites with D+Connect
- *½ gallon integrated pressure tank, precharged at 29psi
- *Maximum versatilty with 3 installation positions
- *1¼" inlet and outlet connections
- *Constant pressure
- *Self diagnosing
- *Expandable into booster set wirelessly
- *Can be used as a shallow well jet pump
- *Nema 3R rated with additional E.Sycover



E.Sybox Accessories

E.Sywall	Complete wall mounting kit for both E.sybox and Mini [®]	\$ -
E.Sydock	Quick Connect Docking station for E.Sybox	\$ -
E.Sytwin	Quick Connect Docking station to mount 2 E.Sybox's	\$ -
E.Sycover	Outdoor cover for E.Sybox Mini [®] for Nema 3R rating	\$ -
E.Sycover	Outdoor cover for E.Sybox for Nema 3R rating	\$ -
E.Sygrid	Insect Protection Screen Kit for E.Sybox Mini [®]	\$ -
E.Sygrid	Insect Protection Screen Kit for E.Sybox	\$ -

Back to Pump Index



E.Sydock



E.Sytwin

E.Sywall



E.Sycover



DAB WATER TECHNOLOGY ESWIM

Model	Max Flow	Max PSI	Voltage	Dimensions	List Price
ESWIM 150	132 GPM	36 PSI	1 ph 230v	21.6" x 11.8" x 12.2"	\$ -
ESWIM 300	187 GPM	36 PSI	1 ph 230v	22.6" x 11.9" x 13.9"	\$ -

E.SWIM is the new electronic swimming pool pump with high energy efficiency made by DAB. Designed for water circulation and filtration in residential and civil swimming pools, but also suitable for specific applications requiring the handling of aggressive liquids like fish farming, agriculture and industry.

Features:

*NOISELESS New water cooled motor (no motor fan) allows an extremely quiet operation (noise level 50 dB(A)

*HIGH EFFICENCY Thanks to the new motor, new hydraulics, new electronic motor control DESIGN Modern and compact

*RELIABLE Components designed for long life

*RANGE REDUCTION Two models cover the performances of 6 pumps (½ HP, ¾ HP, 1 HP, 1½ HP, 2 HP, 3 Hp)
 *4 different keys for speed/flow setting: for each key there will be saved a specific speed/flow (1, 2, 3, 4)for each key the speed/flow is adjustable

**'Auto' button enable the automatic operation according to the timer schedule.
 **'Quick Clean' button enable high speed operation



AN INTELLIGENT INVESTMENT

The new e.swim is the best solution to dramatically reduce energy consumption. A traditional pool pump indeed, consumes more current than all other utilities together. E.SWIM should be on top of your list to really make your system more efficient and optimize costs electricity.

Back to Pump Index



- **Utility & Pedestal Pumps**
- **Sump & Effluent Pumps**
- **Sewage & Dewatering Pumps**
- **Grinder Pumps**
- **Packaged Systems**
- **Controls**

[Back to Pump Index](#)