

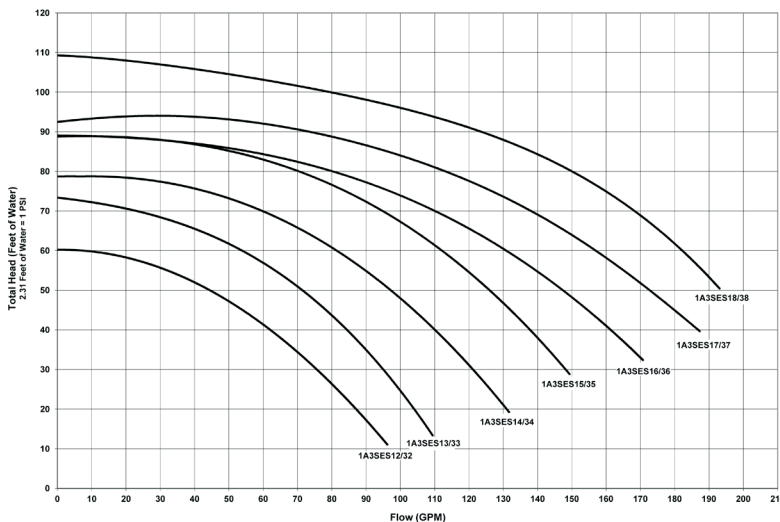
NEW PRODUCT PREVIEW
A Series LifeStar™ Aquatic Pump

1/2, 3/4, 1, 1-1/2, 2, 3, 5 HP



The new A Series LifeStar™ pump from Hayward features heavy-duty, high performance pump technology from 1/2 HP up to 5 HP for aquaculture and aquatic animal life science applications. LifeStar outperforms the competition when it comes to flow, efficiency and value. The advantage for consumers is its quiet operation and economical performance. The benefit to professionals is its ease of installation and reliability. True Union fittings are included and the pump easily drops in place.

Higher flow rate allow for stepping down in pump horse power. Silicon Carbide Shaft Seal is suitable for fresh and salt water use. All wetted hardware is manufactured from 316 SS. 2" x 2-1/2" CPVC True Union connectors make installation and servicing fast and easy. The No-rib basket design insures separation of unwanted waste material. Tri-Lock cam and ramp strainer cover design seals with less than a quarter turn. Self-priming Energy Efficient Full Rated Single Speed.


PUMP CURVES

KEY FEATURES AND BENEFITS

- Self Priming Pump
- Corrosion Resistant
- Suitable For High Volume Pumping
- Clear High Capacity Basket Strainer Lid for Visual Inspection
- Elevated Base Ensures Better Ventilation and Protection from Flooding
- Silicon Carbide Shaft Seal Suitable for Fresh - and Salt Water Use
- All Wetted Hardware Manufactured from 316 SS

TYPICAL APPLICATIONS

- Aquatic Animal Life Support
- Aquaculture
- Zoos and Aquariums



A Series LifeStar™ Aquatic Pump

1/2, 3/4, 1, 1-1/2, 2, 3, 5 HP

SPECIFICATIONS

HOUSING:	GFPP
CONNECTIONS:	2" x 2-1/2" TU Socket
MOTOR SHAFT:	303 SS (Non-Wetted)
SHAFT FACE SEAL:	Silicon Carbide/Silicon Carbide
SHAFT SECONDARY SEAL:	EPDM
ALL WETTED HARDWARE:	316 SS (Impeller Insert, 2 Diffusor Screws)
MAIN HOUSING GASKET:	EPDM
MOTOR BOLTS:	316 SS
HOUSING BOLTS:	316 SS
MOTORS:	Open Drip Proof (ODP) and Totally Enclosed Fan Cooled (TEFC)
HP RATINGS:	1/2, 3/4, 1, 1-1/2, 2, 3, 5

TECHNICAL SPECS AND PERFORMANCE DATA

DESCRIPTION	RATED HP	UNION CONNECTORS	SERVICE FACTOR	VOLTAGE SUPPLY	PHASE	MOTOR FRAME
1/2 HP Aquatic Pump	1/2	2" x 2-1/2"	1.98	115/208-230	1	ODP
			1.99	208-230/460	3	TEFC
3/4 HP Aquatic Pump	3/4	2" x 2-1/2"	1.85	115/208-230	1	ODP
			1.85	208-230/460	3	TEFC
1 HP Aquatic Pump	1	2" x 2-1/2"	1.85	115/208-230	1	ODP
			1.85	208-230/460	3	TEFC
1-1/2 HP Aquatic Pump	1-1/2	2" x 2-1/2"	1.60	115/208-230	1	ODP
			1.60	208-230/460	3	TEFC
2 HP Aquatic Pump	2	2" x 2-1/2"	1.35	208-230	1	ODP
			1.35	208-230/460	3	TEFC
3 HP Aquatic Pump	3	2" x 2-1/2"	1.20	208-230	1	ODP
			TBD	208-230/460	3	TEFC
5 HP Aquatic Pump	5	2" x 2-1/2"	1.00	208-230	1	ODP
			TBD	208-230/460	3	TEFC



Hayward is a registered trademark of Hayward Industries, Inc.
© 2013 Hayward Industries, Inc.