

1-1/2" Self-Priming Chemical Pumps



Model 389A-98
Stainless Steel

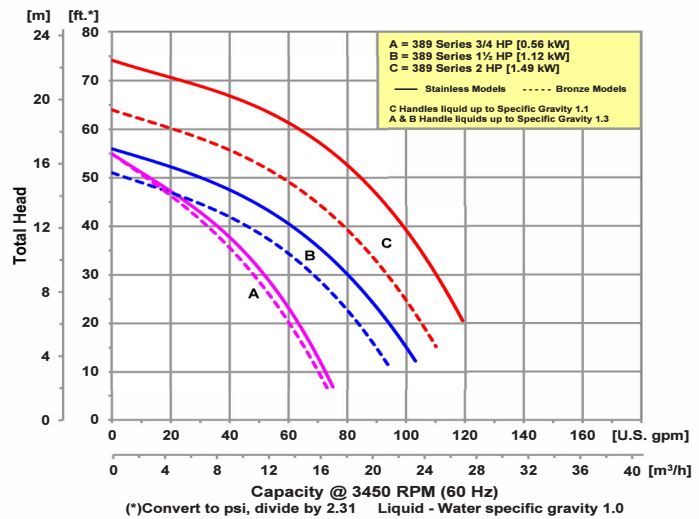


Model 3890-97
Bronze

- Available in: Bronze or 300 Series Investment Cast Stainless Steel Construction with Stainless Steel Impeller
- Viton® or Teflon® Mechanical Seal and O-Ring – Depending on Model
- Dual Volute Design
- 1-1/2" NPT Suction and Discharge Ports
- Maximum Temperature
 - Bronze 200° F
 - Stainless Steel 250° F
- Maximum Flow 120 GPM
- Maximum Head 74 Ft.
- Self-Priming to 6 Ft.
- Self-Cleaning, Semi-Open Impeller
- Solids Handling and Dirty Water Design
- 3/4 to 2 HP Totally Enclosed Fan Cooled (TEFC) Motor Single or Three Phase Motor

AMT Self-Priming 300 Series Stainless Steel or Bronze Centrifugal pumps are designed for a wide range of applications including chemical processes, waste water treatment and pumping agriculture fertilizers/fumigants. All models are equipped with Totally Enclosed Fan Cooled (TEFC) motors. 300 Series Stainless Steel models are fitted with Teflon® mechanical seal and o-ring, while bronze models come standard with Viton® mechanical seal and o-ring. Pumps are self-priming to 6 feet. Pumps are designed to handle liquids with solids content or dissolved solids and debris.

Performance of 1 1/2" Self-Priming Centrifugal Pumps



400 Spring Street • Royersford, PA 19468 USA

www.amtpump.com • 888-amt-pump (268-7867)

For use with nonflammable liquids compatible with pump component materials. Viton® and Teflon® are registered trademarks of E. I. DuPont.

Pump Dimensional & Specification Data

| Model ‡ | Curve | HP | PH | ENC | Voltage @ 60 Hz + | Full Load Amps | SUC* | DIS* | L** | W** | H | Ship Wt. (Lbs.) |
|-------------|-------|-----|-----|------|-------------------|----------------|------|------|-------------|-------------|------------|-----------------|
| 3890 | A | 3/4 | 1 | TEFC | 115/230 | 9/5 | 1½ | 1½ | 15.8 [40.1] | 8.8 [22.3] | 9.5 [24.1] | 52 |
| 3892 | | | 3 | | 230/460 | 3/2 | | | 15.3 [38.8] | 8.8 [22.3] | 9.5 [24.1] | 41 |
| 3891 | B | 1½ | 1 | TEFC | 115/230 | 18/9 | | | 16.5 [41.9] | 8.8 [22.3] | 9.5 [24.1] | 56 |
| 3893 | | | 3 | | 230/460 | 5/3 | | | 16.3 [41.4] | 8.8 [22.3] | 9.5 [24.1] | 55 |
| 3894 | C | 2 | 3 | TEFC | 230/460 | 6/3 | | | 17.3 [43.9] | 8.8 [22.3] | 9.5 [24.1] | 56 |
| 3899 | | | N/A | | PED | N/A | | | N/A | 13.4 [34.0] | 6.5 [16.5] | 9.5 [24.1] |

(*) Standard NPT (Female) pipe thread.

(**) This dimension may vary due to motor manufacturer's specifications.

(+) 3-Phase motors can also operate on 50 Hz. (this will change full load amps, service factor and RPM)

NOTE: Dimensions are in inches (centimeters) and have a tolerance of $\pm 1/4"$.

NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating (e.g 230V $\pm 10\%$ = 207 to 253)

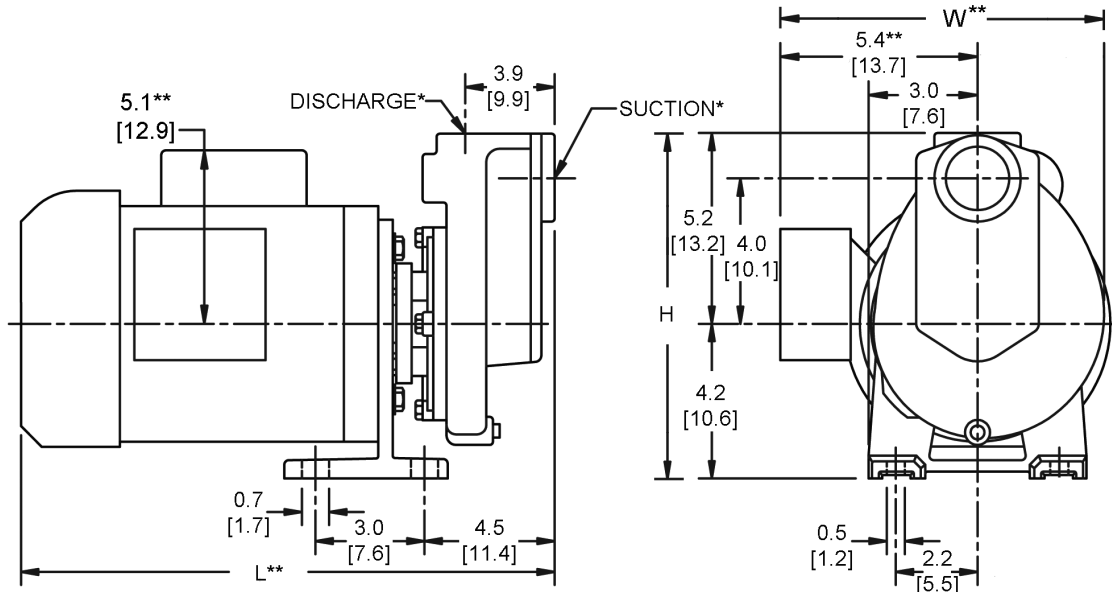
Maximum Solids Handling Capacity: 1/8" Diameter

‡ Add Suffix -97 or -98 for Specific Model (Ex. 3890-97)

(-97) Cast Bronze Construction with Stainless Steel

Impeller and Viton® Seals

(-98) Cast Stainless Steel Construction with Teflon® Seals



Standard Features

- Bronze or Stainless Steel Construction with Stainless Steel Impeller
- Viton® or Teflon® Mechanical Seal and O-ring – Depending on Model
- 1-1/2" NPT Suction and Discharge Ports
- Maximum Temperature
 - Bronze 200° F
 - Stainless Steel 250° F
- Self-priming to 6 Ft.
- Maximum Working Pressure 75 PSI
- Self-cleaning, Semi-open Impeller
- Pedestal Models Feature Epoxy Coated Bearing Housing with 3/4" Diameter Stainless Steel Shaft with 3/16" Keyway and Sealed Ball Bearings
- 3/4 to 2 HP Totally Enclosed Fan Cooled (TEFC) Single or Three Phase Motors
- **Designed to handle liquids of specific gravities up to 1.3**
- QSP – Quick Ship Pump for Many Models

Hazardous Duty/Explosion Proof motors available from stock ranging from 1 to 10 HP; CALL FOR QUOTATION & LEAD TIME!