



3" Self-Priming Centrifugal Pumps

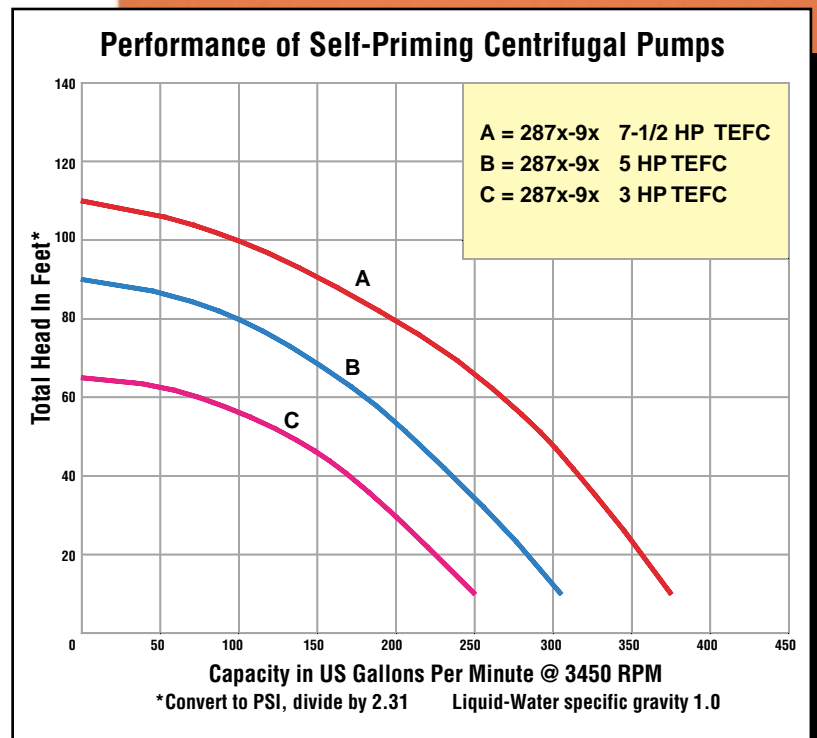
- **Cast Iron Construction with Bronze Impeller**
- **Buna N Mechanical Seal, Flapper/Check Valve and O-Ring**
- **Optional Viton® Mechanical Seal, Flapper/Check Valve and O-Ring Available**
- **Optional Silicon Carbide Seal Available**
- **3" NPT Suction and Discharge Ports**
- **Solids Handling up to 3/8" Diameter**
- **Dual Volute Design**
- **Maximum Working Pressure 125 PSI**
- **Maximum Temperature 180° F**
- **Maximum Flow 375 GPM**
- **Maximum Head 110 Ft.**
- **Self-priming to 20 Ft.**
- **Self-cleaning, Semi-open Impeller**
- **3 to 7-1/2 HP Three Phase TEFC Motors, 3 & 5 HP Single Phase TEFC Motors**

AMT Self-Priming Cast Iron Centrifugal pumps are designed for a broad range of high capacity applications, including dewatering, liquid transfer, circulation, drainage and irrigation. Dual volute design reduces radial load on motor. The centerline discharge feature is specifically designed to prevent vapor binding and makes for convenient piping connections. All models are fitted with self-cleaning, semi-open bronze impellers which can handle 3/8" diameter semi-solids. Built-in check valves for fast priming are standard on all units. Self-priming to 20 feet. Fill and drain plugs for easy installation and servicing.

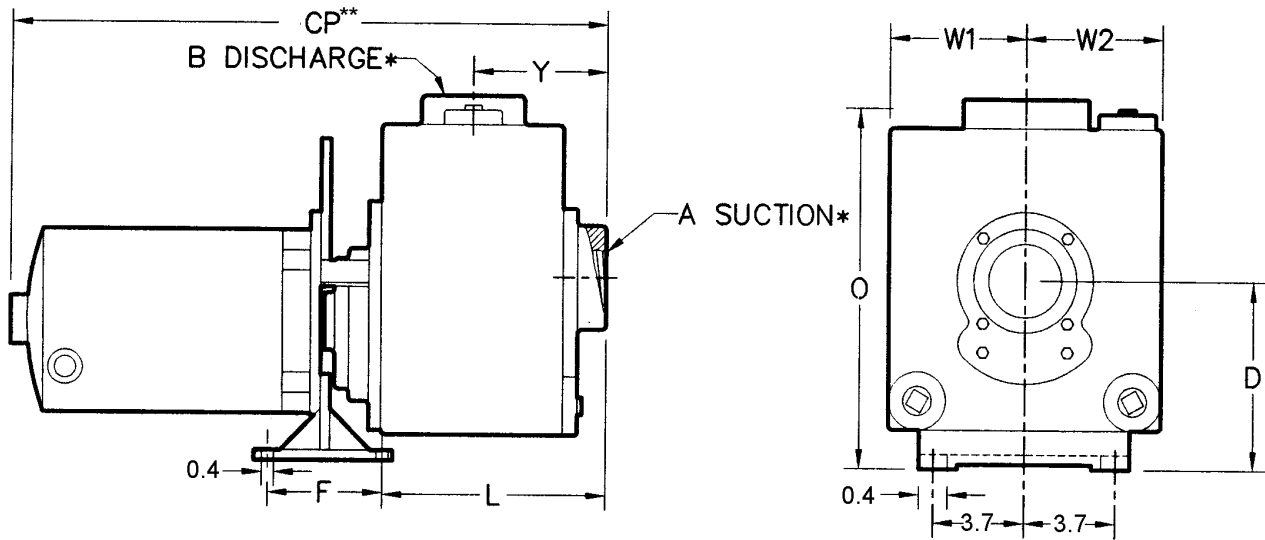
AMT Self-Priming Cast Iron Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast, same day shipment. For use with nonflammable liquids compatible with pump component materials.



3" Self-Priming Pump



3" Self-Priming Cast Iron Centrifugal Pumps



Pump Dimensional & Specification Data

Model No.	HP	PH	ENC	Voltage @60 Hz+	Full Load Amps	SUC*	DIS*	CP**	D	L	W1	W2	X	Y	Ship Wt.
2877-95	3	1	TEFC	230	16	3"	3"	30.0	8.0	17.5	4.0	4.0	3.5	6.7	154 Lbs.
2874-95	3	3	TEFC	230/460	8 / 4	3"	3"	27.5	8.0	17.5	4.0	4.0	3.5	6.7	114 Lbs.
2878-95	5	1	TEFC	230	20	3"	3"	30.0	8.0	17.5	4.0	4.0	3.5	6.7	186 Lbs.
2875-95	5	3	TEFC	230/460	17 / 9	3"	3"	27.5	8.0	17.5	4.0	4.0	3.5	6.7	146 Lbs.
2876-95	7-1/2	3	TEFC	230/460	22 / 11	3"	3"	27.5	8.0	17.5	4.0	4.0	3.5	6.7	150 Lbs.

(*) Standard NPT (female) pipe thread.

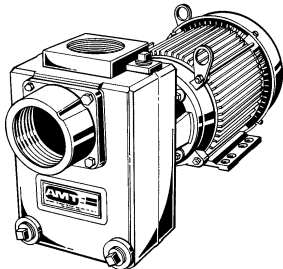
(**) This dimension may vary due to motor manufacturer's specifications.

(+) 3-Phase models can also operate on 50 Hz (This will change Full Load Amps and Service Factor, RPM and Priming Capabilities).

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

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

Standard Features



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- **Cast Iron and Bronze-Fitted Cast Iron Construction**
- Buna N Mechanical Seal and O-Ring
- Optional Viton® Mechanical Seal and Flapper Valve Available
- Optional Silicon Carbide Seal Available
- 3" NPT Suction and Discharge Ports
- **Stainless Steel** Shaft Sleeve
- Dual Volute Design Reduces Radial Load on Motor
- Fill and Drain Plug for Easy Servicing
- Maximum Working Pressure 125 PSI
- Maximum Temperature 180° F
- Maximum Flow 375 GPM
- Maximum Head 110 Ft.
- Self-cleaning, Semi-open Impellers
- 3 to 7-1/2 HP Three Phase, 184JM, Totally Enclosed Fan Cooled (TEFC) Motors
- 3 & 5 HP Single Phase, 184JM, Totally Enclosed Fan Cooled (TEFC) Motors
- **"Off-the-Shelf"** Availability on Many Models

AMT reserves the right to discontinue any model or change specifications at any time without incurring any obligation.

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