



# Sprinkler/Booster Pumps

- **Cast Iron Construction with Investment Cast 316 Stainless Steel Impellers**
- **Buna-N Mechanical Seal and O-Ring**
- **Optional Viton® Seal, Flapper Valve and O-Ring Available on Single Stage Models**
- **1-1/2" or 2" NPT Port Sizes**
- **Maximum Working Pressure 150 PSI**
- **Maximum Temperature 180° F**
- **Maximum Flow 157 GPM**
- **Maximum Head 180 Ft.**
- **Self-priming to 20 Ft.**
- **Single or Two-Stage Construction**
- **Single Stage Models Feature Removable Dual Volute Design**
- **3/4 to 7-1/2 HP Single or Three Phase Motors**
- **ODP or TEFC Motors (See Specification Section for Specific Model Availability)**

AMT Sprinkler/Booster pumps feature **Investment Cast 316 Stainless Steel** closed impellers for high efficiency and resistance against erosion caused by abrasive particles. All models self-prime to 20 ft. Single stage models feature dual volute design to reduce radial load on motor and a built-in check valve to insure fast priming after initial liquid is added to the pump. Cast iron construction provides durability and low maintenance. Easy cleanout design includes replaceable dual volute/diffuser and casing o-ring for servicing. Two-stage models provide additional pressure in fractional horsepower sizes for multi-sprinkler head applications. Type 21 mechanical seals handle maximum working pressure to 150 PSI. Pumps are available from 3/4 to 7-1/2 HP with Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC) motors. (See Dimensional chart for specific model availability).

AMT Sprinkler/Booster pumps are readily available **"Off-the-Shelf"** for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

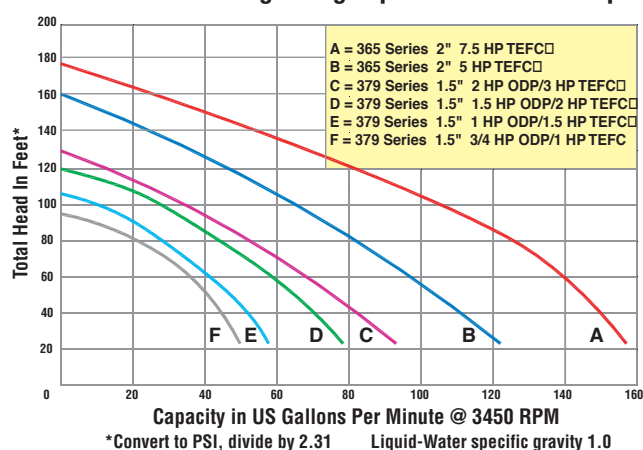
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## INDUSTRIAL DUTY

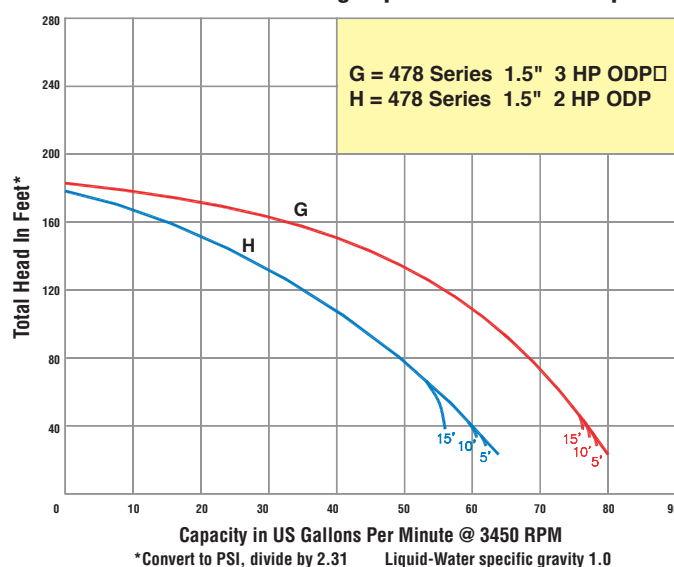


**Model 3790-95**

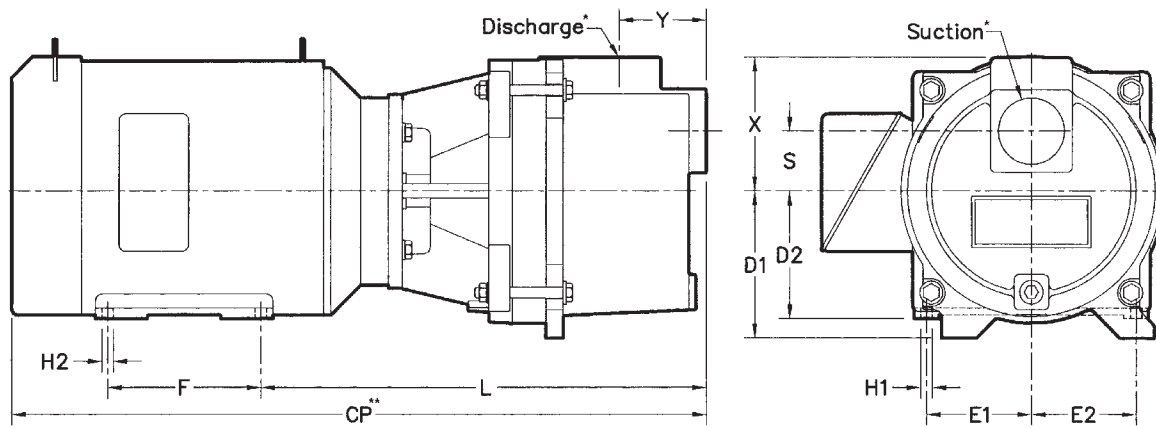
**Performance of Single Stage Sprinkler/Booster Pumps**



**Performance of Two Stage Sprinkler/Booster Pumps**



# 1-1/2" & 2" Sprinkler/Booster Pumps



## Pump Dimensional & Specification Data

Model No.	Curve	HP	PH	ENC	Voltage @ 60 Hz	Full Load Amps	SUC*	DIS*	CP**	D1	D2	E1	E2	F	H1	H2	L	S	X	Y	Ship Wt.
3790-95	F	3/4	1	ODP	115/230	13/7	1-1/2"	1-1/2"	16.6	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	59 Lbs.
379G-95	F	3/4	3	ODP	230/460	4/2	1-1/2"	1-1/2"	16.8	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	55 Lbs.
3791-95	E	1	1	ODP	115/230	17/9	1-1/2"	1-1/2"	17.0	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	64 Lbs.
379A-95	F	1	1	TEFC	115/230	12/6	1-1/2"	1-1/2"	18.4	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	67 Lbs.
379H-95	E	1	3	ODP	230/460	5/3	1-1/2"	1-1/2"	18.0	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	60 Lbs.
379F-95	F	1	3	TEFC	230/460	4/2	1-1/2"	1-1/2"	18.0	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	65 Lbs.
3792-95	D	1-1/2	1	ODP	115/230	22/11	1-1/2"	1-1/2"	17.4	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	66 Lbs.
379B-95	E	1-1/2	1	TEFC	115/230	18/9	1-1/2"	1-1/2"	19.2	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	74 Lbs.
3797-95	D	1-1/2	3	ODP	230/460	7/4	1-1/2"	1-1/2"	17.7	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	61 Lbs.
379J-95	E	1-1/2	3	TEFC	230/460	5/3	1-1/2"	1-1/2"	18.4	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	72 Lbs.
3793-95	C	2	1	ODP	115/230	28/14	1-1/2"	1-1/2"	18.1	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	72 Lbs.
379C-95	D	2	1	TEFC	230	22/11	1-1/2"	1-1/2"	19.6	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	80 Lbs.
379K-95	C	2	3	ODP	230/460	7/4	1-1/2"	1-1/2"	18.2	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	72 Lbs.
379E-95	D	2	3	TEFC	230/460	6/3	1-1/2"	1-1/2"	18.5	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	78 Lbs.
379D-95	C	3	1	TEFC	230	16	1-1/2"	1-1/2"	20.5	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	88 Lbs.
379L-95	C	3	3	TEFC	230/460	8/4	1-1/2"	1-1/2"	20.0	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	81 Lbs.
4780-95	H	2	1	ODP	115/230	28/14	1-1/2"	1-1/2"	19.1	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.6	2.1	4.7	3.1	83 Lbs.
4785-95	H	2	3	ODP	230/460	7/4	1-1/2"	1-1/2"	19.1	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.6	2.1	4.7	3.1	77 Lbs.
4782-95	G	3	1	ODP	230	18	1-1/2"	1-1/2"	20.1	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.6	2.1	4.7	3.1	91 Lbs.
4786-95	G	3	3	ODP	230/460	9/5	1-1/2"	1-1/2"	19.9	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.6	2.1	4.7	3.1	86 Lbs.
3657-95	B	5	1	TEFC	230	20	2"	2"	27.4	5.2	4.5	3.7	3.7	5.5	0.4	0.4	15.9	2.1	4.7	3.1	146 Lbs.
3655-95	B	5	3	TEFC	230/460	17/9	2"	2"	27.9	5.2	4.5	3.7	3.7	5.5	0.4	0.4	15.9	2.1	4.7	3.1	130 Lbs.
3656-95	A	7-1/2	3	TEFC	230/460	22/11	2"	2"	21.8	5.2	4.5	3.7	3.7	5.5	0.4	0.4	15.9	2.1	4.7	3.1	134 Lbs.

(\*) Standard NPT (female) pipe thread.

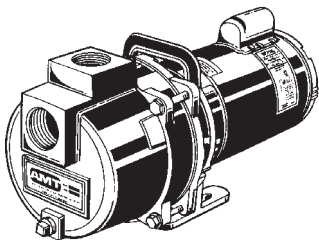
(\*\*) This dimension may vary due to motor manufacturer's specifications.

(+) 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



- Cast Iron Construction with Investment Cast 316 Stainless Steel Impellers
- Buna-N Mechanical Seal and O-Ring
- ODP & TEFC Motors Available on 1-1/2" NPT Single-stage Models
- Removable/Replaceable Volute/Diffuser
- Single Stage Models Feature Removable Dual Volute Design
- Self-priming to 20 ft.
- Maximum Working Pressure to 150 PSI
- Maximum Temperature 180° F
- **"Off-the-Shelf"** Availability on Many Models

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OFF THE SHELF  
**PUMPS**

See price book page 25

The Gorman-Rupp Company reserves the right to discontinue any model or change specifications at any time without incurring any obligation.

CP61-62/0904