

160

120 100

60

40 20

40

Sprinkler/Booster **Pumps**

- Cast Iron Construction with 300 Series Investment Cast Stainless Steel Impellers
- Buna-N Mechanical Seal and O-Ring
- Optional Viton® Seal, Check Valve and O-Ring Available on Single Stage Models
- 1-1/2" or 2" NPT Ports Sizes
- Maximum Temperature 180° F
- Maximum Flow 157 GPM
- Maximum Head 180 Ft.
- Self-Priming to 20 Ft.
- Single Stage (379/365 Series) Two Stage (478 Series) **Construction**
- Single Stage Models Feature Removable Dual Volute Design
- Available with 3/4 to 7-1/2 HP Single or Three Phase Motors

[psi] 80 70 60 50 40 30 20 10 [m³/h]

70

40

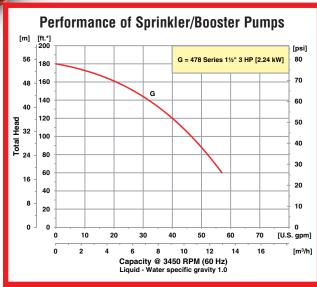
30

20

180 [U.S. gpm]

44 [m³/h]

AMT Sprinkler/Booster pumps feature 300 Series Investment cast stainless steel closed impellers for high efficiency and resistance against erosion caused by abrasive particles. All models self-prime to 20 feet. Single stage models feature dual volute design to reduce radial load on motor and a built-in check valve to ensure 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. Twostage 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.



20 24 28

Capacity @ 3450 RPM (60 Hz)



400 Spring Street · Royersford, PA 19468 USA

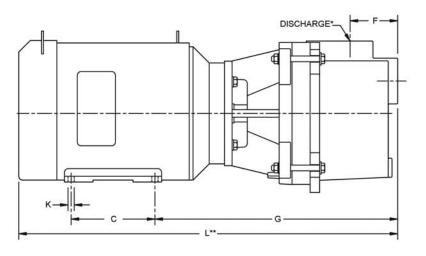


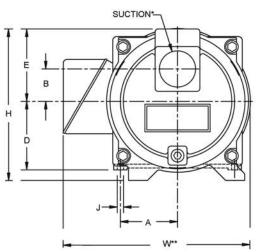
Self Priming Sprinkler/Booster Pumps

Pump Dimensional & Specification Data

Model	Curve	НР	PH	ENC	Voltage @ 60 Hz +	SUC*	DIS*	A	В	С	D	E	F	G	J	K	L**	W**	Н	Ship Wt. (Lbs.)
3790-95		3/4	1	ODP	115/230	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	18.1 [46.0]	8.0 [20.3]	9.1 [23.1]	66
379A-95	Α	1	1	TEFC	115/230	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	18.6 [47.2]	9.3 [23.6]	9.1 [23.1]	67
379F-95		1	3	TEFC	230/460	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	17.1 [43.4]	9.3 [23.6]	9.1 [23.1]	63
3791-95		1	1	ODP	115/230	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	18.3 [46.4]	8.0 [20.3]	9.1 [23.1]	70
379B-95	В	1½	1	TEFC	115/230	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	19.1 [48.5]	9.3 [23.6]	9.1 [23.1]	77
379J-95		1½	3	TEFC	230/460	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	18.8 [47.7]	9.3 [23.6]	9.1 [23.1]	72
3792-95		1½	1	ODP	115/230	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	18.8 [47.7]	8.0 [20.3]	9.1 [23.1]	70
379C-95	С	2	1	TEFC	115/230	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	19.8 [50.3]	9.3 [23.6]	9.1 [23.1]	79
379E-95		2	3	TEFC	230/460	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	19.3 [49.0]	9.3 [23.6]	9.1 [23.1]	71
3793-95		2	1	ODP	115/230	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	18.8 [47.7]	8.0 [20.3]	9.1 [23.1]	79
379D-95	D	3	1	TEFC	230	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	20.3 [51.5]	9.3 [23.6]	9.1 [23.1]	87
379L-95		3	3	TEFC	230/460	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.2 [15.7]	0.5 [1.2]	0.7 [1.7]	19.8 [50.3]	9.3 [23.6]	9.1 [23.1]	76
3657-95	E	5	1	TEFC	230	2	2	3.7 [9.4]	2.1 [5.3]	5.5 [13.9]	4.5 [11.4]	4.7 [11.9]	3.1 [7.8]	15.9 [40.3]	0.4 [1.0]	0.4 [1.0]	27.4 [69.6]	13.4 [34.0]	10.0 [25.4]	165
3655-95		5	3	TEFC	230/460	2	2	3.7 [9.4]	2.1 [5.3]	5.5 [13.9]	4.5 [11.4]	4.7 [11.9]	3.1 [7.8]	15.9 [40.3]	0.4 [1.0]	0.4 [1.0]	25.0 [63.5]	12.3 [31.2]	10.0 [25.4]	157
3656-95	F	7½	3	TEFC	230/460	2	2	3.7 [9.4]	2.1 [5.3]	5.5 [13.9]	5.2 [13.2]	4.7 [11.9]	3.1 [7.8]	15.9 [40.3]	0.4 [1.0]	0.4 [1.0]	25.0 [63.5]	12.3 [31.2]	10.0 [25.4]	160
4782-95	G	3	1	ODP	115/230	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.6 [16.7]	0.5 [1.2]	0.7 [1.7]	19.7 [50.0]	8.0 [20.3]	9.1 [23.1]	91
4786-95		3	3	ODP	230/460	1½	1½	2.2 [5.5]	2.1 [5.3]	2.9 [7.3]	4.4 [11.1]	4.7 [11.9]	3.1 [7.8]	6.6 [16.7]	0.5 [1.2]	0.7 [1.7]	19.9 [50.5]	8.0 [20.3]	9.1 [23.1]	86

- (*) 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 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).





Standard Features

- Cast Iron Construction with 300 Series Investment Cast Stainless Steel Impeller
- Buna-N Mechanical Seal and O-ring
- ODP & TEFC Motors Available on 1-1/2" NPT Single-stage Models
- Removable/Replaceable Volute/Diffuser
- Maximum Solids:
 - 365X Series-5/16"
 - 379X Series-1/16"
 - 478X Series-1/16"
- Single Stage Models Feature Removable Dual Volute Design
- Self-priming to 20 Feet

- Maximum Working Pressure to 150 PSI
- Maximum Temperature 180° F
- Optional Mounting Base for Pumps with JM Motors (Model 365x Series)
- QSP Quick Ship Pump for Many Models



Manufacturer of AMT & IPT Pumps

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