

SUBMITTAL DATA SHEET

Irrigation & Booster Pumps
Superbooster | Centrifugal

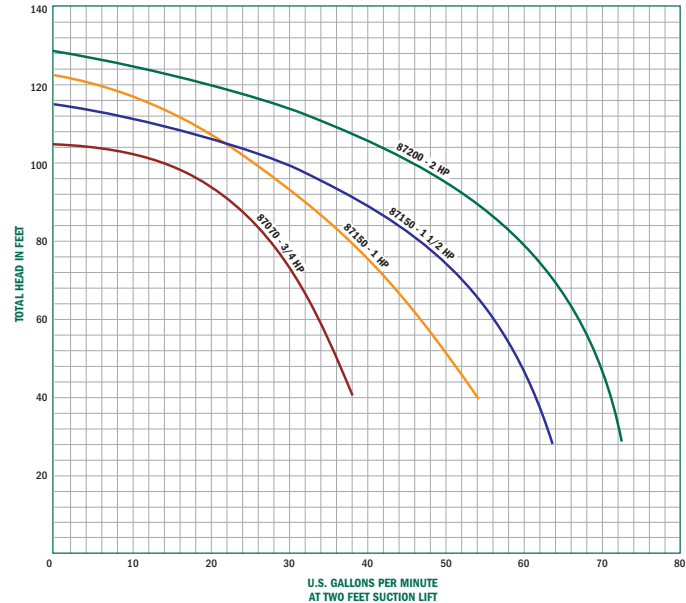
87000 Series - Rainmaker | Self-Priming Centrifugal Pumps



A.Y. McDonald Mfg. Co. 87000 Series Centrifugal Pumps cover a wide range of applications. These portable units are ideal for lawn and turf sprinkling, garden irrigation and pool filling. They can also be used as standby pumps for fire protection, as well as for other commercial uses.

87000 Series pumps are suitable for installations where the vertical distance from the pump to the water level does not exceed 25 feet. In all installations, friction losses in the suction pipe must be taken into consideration.

This series is available in sizes ranging from 3/4 HP to 2 HP and is designed for both high pressure and high capacity.



Specifications

Model	HP	Volts	Phase	Weight
87070	3/4	230/115	1	42 lbs.
87100	1	230/115	1	45 lbs.
87150	1 1/2	230/115	1	49 lbs.
87200	2	230	1	58 lbs.

Suction x Discharge on all models 1 1/2" x 1 1/2"

Performance

Model	HP	Suction Lift - FT.	Capacities in GPM at Discharge Pressure			Max. PSI/FT.
			20	30	40	
87070	3/4	5	37	30	21	44 / 102
		15	32	26	--	40 / 90
		25	30	5	--	36 / 81
87100	1	5	50	42	30	52 / 120
		15	46	31	22	48 / 111
		25	41	30	11	44 / 102
87150	1 1/2	5	58	49	35	46 / 106
		15	51	40	18	42 / 97
		25	41	32	--	38 / 88
87200	2	5	69	62	48	54 / 125
		15	57	52	39	50 / 115
		25	44	41	26	46 / 106

SUBMITTAL INFORMATION

- Needs no lubrication
- Self-adjusting mechanical seal
- Heads to 115 ft. or pressures to 50 PSI
- Flow rates to 70 GPM
- Residential and industrial uses
- Minimal operation costs
- High impact molded impellers and diffusers
- High quality cast iron housing
- Top suction with large reservoir
- Threaded shaft Nema J motor design
- Air volume control connection

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



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A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by: