

Munro LP 1502 - 2.5hp



This very unique pump offers multi-stage performance with single-stage simplicity. The Munro LP 1502 self-priming centrifugal pump provides higher operating pressure like a multi-stage pump without the additional maintenance concerns multiple impellers present. Built for maximum durability and longevity.

- **Brass impeller** – tough and long lasting, one brass impeller means you'll see less maintenance than with other pumps that offer similar performance
- **Stainless steel wear ring** – eliminates impeller friction due to rust build up
- **Heavy-duty motor** – lasts longer and provides application flexibility

COMMON APPLICATIONS

- Clean water turf irrigation: Small to mid-size community or commercial turf irrigation
- High-pressure booster
- Water transfer

ADVANTAGES

Multi-stage performance with single-stage simplicity – This self-priming pump is truly unique and in a class by itself, delivering almost 60 gpm at 60 psi. The high-pressure capabilities of this pump can be compared to other brand's multi-stage or 5hp pumps.

Durable and long lasting – Before the LP 1502, only a multi-stage pump could achieve this performance to horsepower ratio. However, additional impellers require a longer shaft, which puts more load on the motor bearing and creates maintenance issues, including misalignment and wear. Keeping the shaft short makes the pump more stable and durable. Add to this our cast iron construction and brass impeller and it's clear that this is a pump made to stand the test of time, even in more unusual or difficult environments.

Easy to install and maintain – Two priming ports make the Munro LP 1502 easy to install and two drain plugs make winterization a snap. A stainless steel wear ring reduces oxidation and friction, minimizing wear and repairs.

SINGLE BRASS IMPELLER – Longest life in its class. A single solid brass impeller offers greatest durability vs. multiple impeller units. Lower cost to operate and maintain over the life of the pump.

BUILT-IN PRIMING & DRAIN PORTS – Added start-up and maintenance convenience, with steel plugs, no extra parts to buy.

CAST IRON CONSTRUCTION – Designed for long term performance, season after season. No plastic case to warp or crack.

SENSOR PORT – Allows temperature monitoring to avoid costly maintenance issues.

CERAMIC CARBON WITH BUNA RUBBER SEAL – Proven tough, this seal is an industrial standard for challenging applications, including higher temperatures and more abrasive conditions.

CAST IRON DIFFUSER – Assures durability for the life of the pump.

STAINLESS STEEL WEAR RING – Reduces springtime oxidation and impeller friction.

STAINLESS STEEL BOLTS – No more "busting knuckles" to remove bolts during maintenance.

THERMALLY PROTECTED MOTOR – Shut down protection protects motor from damage due to over amping.

STEEL BASE PLATE – Easiest, most stable mounting. Provides four handy bolt holes.

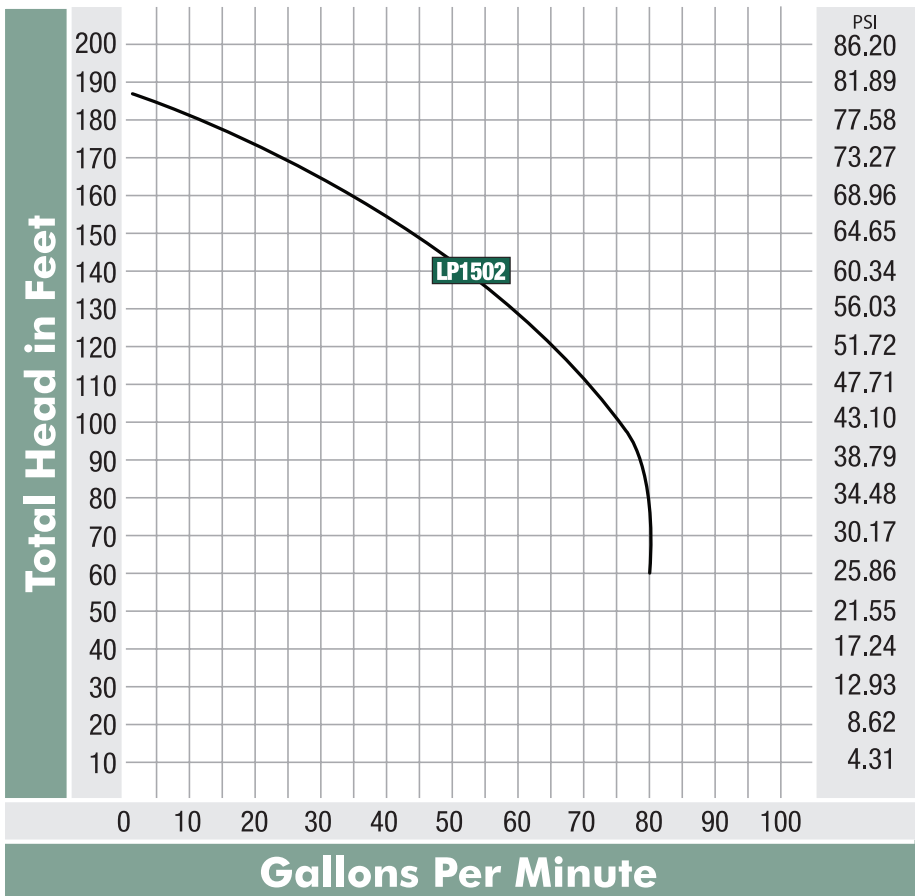
Turf Irrigation Centrifugal Pumps

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Curves

HORSEPOWER RANGE: 2.5



Did You Know?
Mesh screens, filters, and strainers before the pump will increase the performance of your pump by reducing the debris entering your irrigation system.

 **Filtration/Control Suggestion!**

- 30 Mesh Y-Strainer (p.178)
- MPLC24T (p.76)

Performance

HP	U.S. Gallons per Minute Discharge Pressure (PSI) at 5' Suction Lift								Max Case Pressure psi	Shut Off Pressure psi	Model Number
	20	30	40	50	60	70	80	90			
2.5	--	--	75	67	56	38	0	0	100	80	LP1502B

Suction lift varies, depending upon elevation (altitude) and water temperatures. Max lift is 15 feet at 5000 feet elevation.

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Specifications – Pump

HP	Phase	Discharge	Suction	Approx Ship Weight lbs	Max Liquid Temperature	Model Number
2.5	1	1-1/2"	2"	116	180°	LP1502B
2.5	3			105		LP1502B3

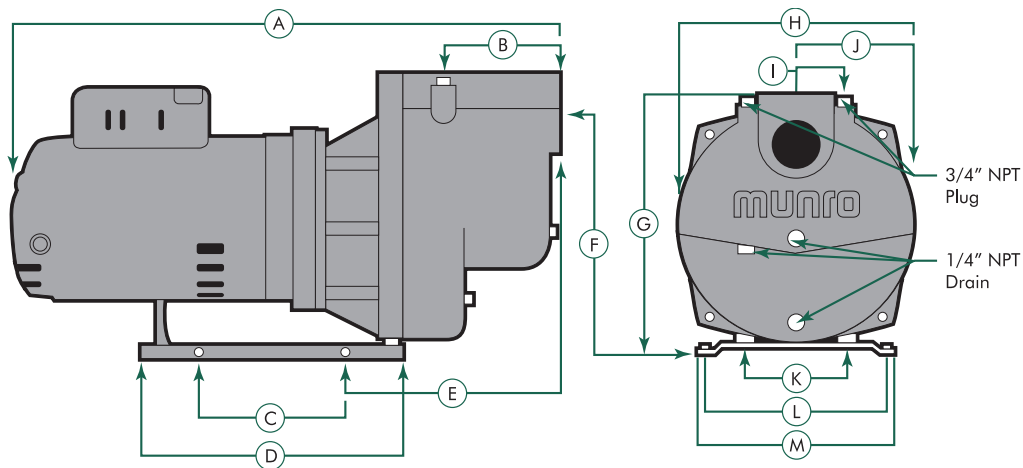
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Specifications – Motor

HP	Phase	Voltage	Hz	RPM	Motor Voltage (Factory) Connected	Service Factor Motor Amps						Model Number
						Single Phase			Three Phase			
						115V	208V	230V	208V	230V	460V	
2.5	1	208/230	60	3450	208/230	--	15.7	16	--	--	--	LP1502B
2.5	3	230/460			--	--	--	8.75	4.35	LP1502B3		

For amperage ratings consult motor nameplate. Specifications subject to change without notice.

Dimensions



HP	A	B	C	D	E	F	G	H	I	J	K	L	M
2.5	20 7/8"	4 1/4"	7.95"	14"	9 1/4"	11 1/4"	13 1/2"	11 1/2"	3"	5 3/4"	4"	7"	8"