

Munro LP Series 3/4hp – 5hp



Designed specifically for landscape irrigation, this self-priming pump provides outstanding performance to horsepower ratio. Our LP Series is truly heavy duty, offering standard high-end features that our competitors only offer as pricey add-ons. Professionals trust the LP Series to deliver trouble-free performance.

- **Brass impeller** – durable and low maintenance with the longest life in its class
- **Stainless steel wear ring** – eliminates impeller friction due to rust build-up
- **Cast iron body and internal components** – heavy duty for long-term performance and reliability

COMMON APPLICATIONS

- Residential irrigation: Drawing water from ponds, lakes, streams, cisterns and shallow wells
- Booster: Boost domestic water pressure for use in irrigation
- Water transfer

ADVANTAGES

Durable and long lasting – While many centrifugal turf irrigation pumps are made out of plastic, which wears and warps, our cast iron construction and brass impeller mean that our self-priming pumps are built to stand the test of time, even in more unusual or difficult environments. Testing in tough conditions shows Munro LP Series pumps last up to four times as long as typical competitors' products.

Industry leading performance by horsepower – In many cases a smaller horsepower Munro pump can be used in place of a larger horsepower pump from another manufacturer.

Easy to install and maintain – With two priming ports and a durable steel base plate, installing a Munro LP Series is a snap. When it's time to maintain or winterize the pump, you'll love our two drain valves. A stainless steel wear ring reduces oxidation and friction, minimizing wear and repairs. If you do have to service the pump, stainless steel bolts and a dry-socket design provide easy access.

BRASS IMPELLER – Longest life in its class. Offers greatest durability and reduces costly maintenance vs. traditional plastic impellers.

BUILT-IN PRIMING & DRAIN PORTS – Added start-up and maintenance convenience, with steel plugs and 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 RUBBER BUNA SEAL – Proven tough, this seal is an industrial standard for challenging applications, including higher temperatures and more abrasive conditions.

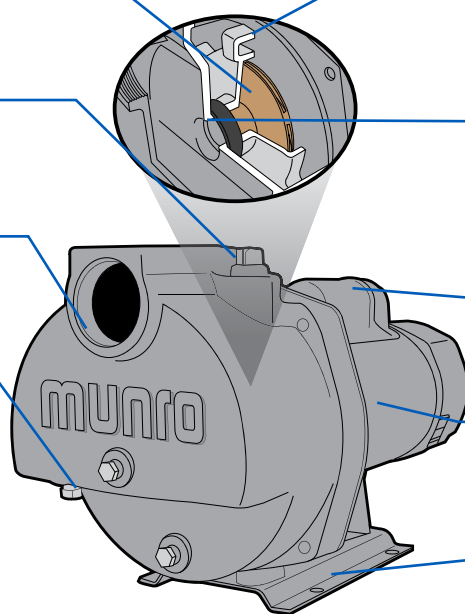
CAST IRON DIFFUSER – Assures durability for the life of the pump.

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.

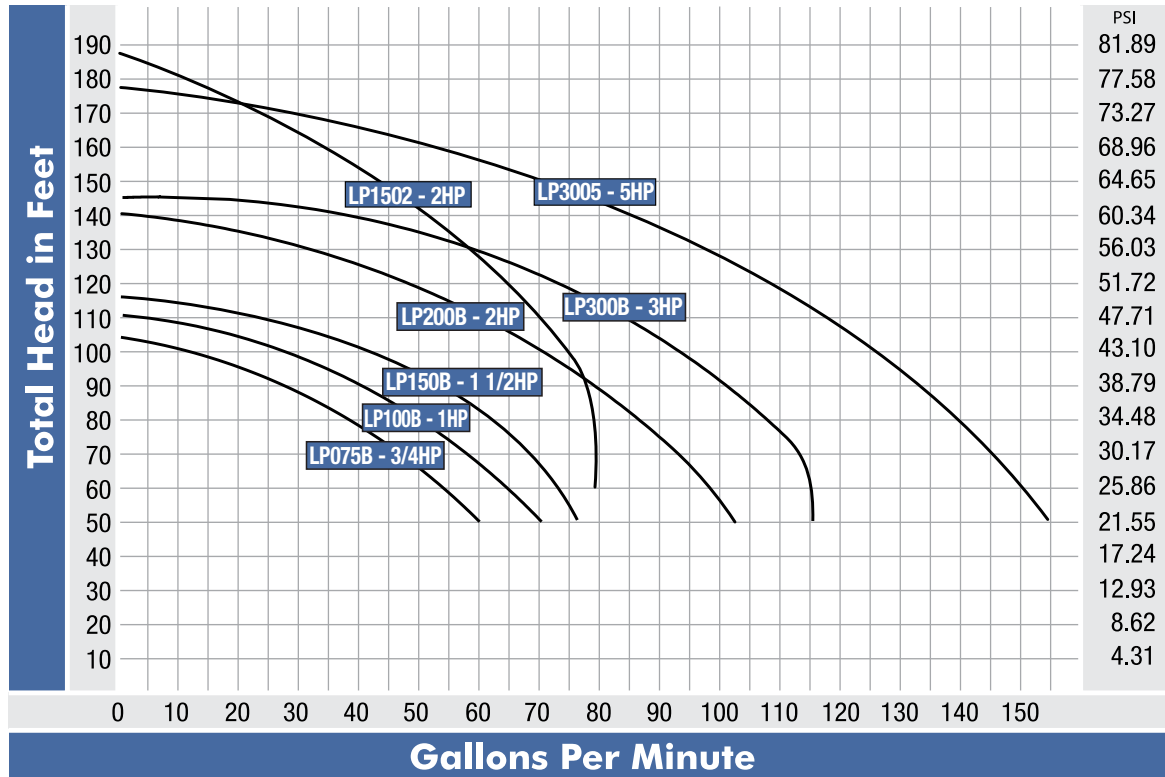
STEEL BASE PLATE – Easiest, most stable mounting. Provides four handy bolt holes for easy anchoring.



*Thermally Protected Motor not available on 5 hp models

Pump Performance Curves

HORSEPOWER RANGE: 3/4 - 5



Available in 1 and 3-phase

Pump Performance Charts

HP	Capacity – U.S. Gallons per Minute Discharge Pressure (psi) at 5' Suction Lift									Shut Off Pressure psi	Model Number
	20	25	30	35	40	45	50	55	60		
3/4	63	53	43	33	25	--	--	--	--	45	LP075B
1	73	65	57	47	35	18	--	--	--	47	LP100B
1-1/2	75	70	68	60	48	35	--	--	--	49	LP150B
2	102	98	92	82	74	61	52	40	--	60	LP200B
3	115	114	112	105	100	88	72	56	30	61	LP300B

HP	Capacity – U.S. Gallons per Minute Discharge Pressure (psi) at 5' Suction Lift									Shut Off Pressure psi	Model Number
	35	40	45	50	55	60	65	70	75		
2	80	73	73	67	61	56	44	34	18	80	LP1502B

HP	Capacity – U.S. Gallons per Minute Discharge Pressure (psi) at 5’ Suction Lift											Shut Off Pressure psi	Model Number
	20	25	30	35	40	45	50	55	60	65	70		
5	--	--	145	137	132	123	110	98	85	67	47	75	LP3005B
	--	--	--	--	--	120	110	98	85	67	47	75	LP3005B3

Suction lift varies, depending upon elevation (altitude) and water temperatures. Max lift is 15 feet at 5000 feet elevation. Maximum case pressure for MP075B, LP100B, LP200B, LP300B is 150 PSI. Maximum case pressure for LP1502B and LP3005B is 100 PSI.