

Munro LP Series 3/4hp – 5hp



Designed specifically for turf 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
- **Silica carbide seal** – proven toughness stands up to less than ideal conditions
- **Cast iron body and internal components** – heavy duty for long-term performance and reliability

COMMON APPLICATIONS

- Residential turf 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, cast iron construction and a brass impeller mean that our self-priming pumps are built to stand the test of time, even in 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 to horsepower – The proof is in our curves. In many cases a lower horsepower Munro LP pump will meet the same GPM performance that you’d expect to see only in higher horsepower pumps. With greater starting torque and an efficient run cycle, our pumps truly lead the pack.

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. plastic impellers.

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

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

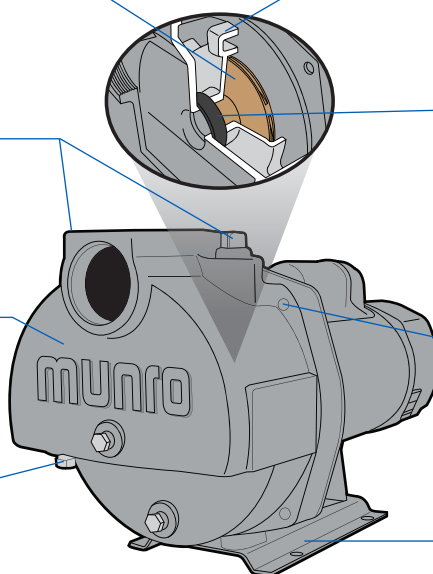
SENSOR PORT – Allows temperature monitoring to avoid costly maintenance issues.

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

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

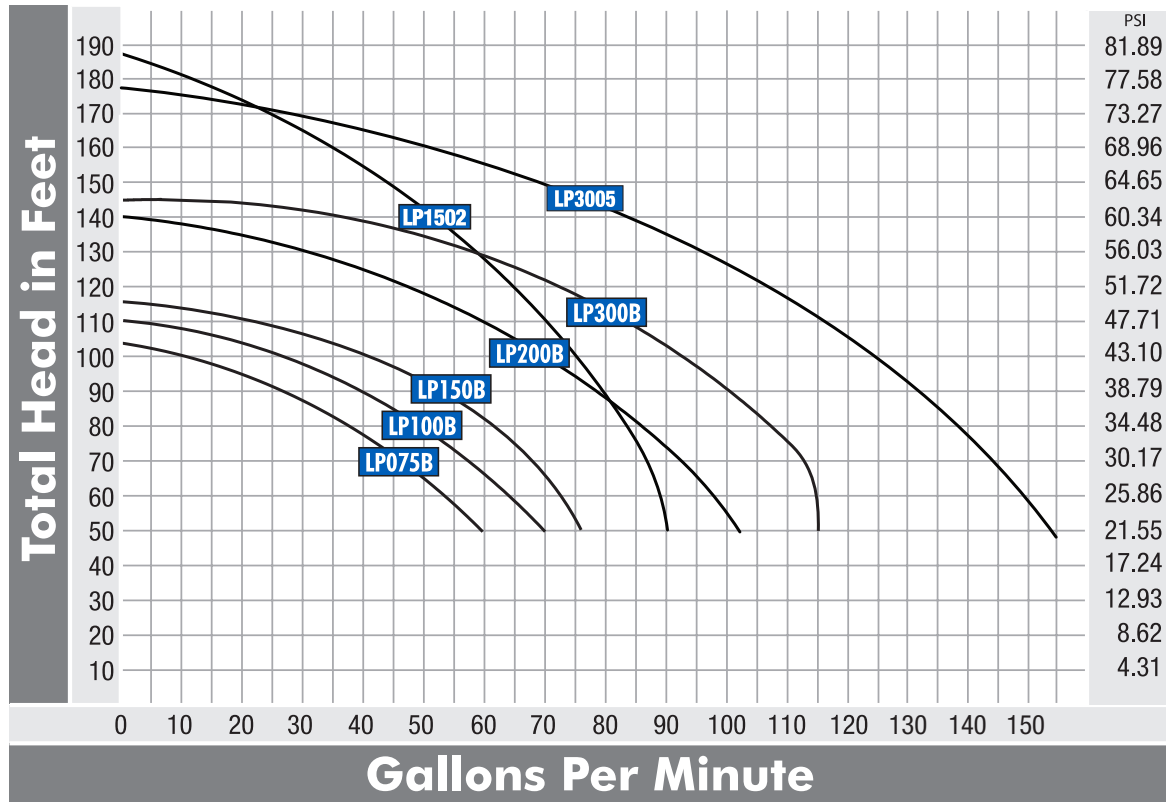
STAINLESS STEEL BOLTS – No more “busting knuckles” to remove bolts during maintenance.

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



Curves

HORSEPOWER RANGE: 3/4 - 5



Performance

HORSEPOWER RANGE: 3/4 - 3

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

HORSEPOWER RANGE: 2

HP	Capacity - U.S. Gallons per Minute Discharge Pressure (PSI) at 5' Suction Lift										Shut Off Pressure PSI	Model Number
	20	30	40	50	60	70	80	90				
2	--	--	75	67	56	38					80	LP1502B

HORSEPOWER RANGE: 5

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	--	150	145	137	132	123	110	98	85	67	47	75	LP3005B	

Suction lift varies, depending upon elevation (altitude) and water temperatures. Max lift is 15 feet at 5000 feet elevation. Maximum case pressure is 150 PSI.
3 phase models available.