Every Munro product is designed, engineered and manufactured to work better for longer. With over 50 years of manufacturing expertise, Munro’s primary drivers for construction and innovation are safety, effectiveness, and ease-of-use.

Professional-Grade
PUMPS & PUMP CONTROLS
for Landscape and Irrigation projects

Choose professional grade.
Choose Munro.
COMPLETE PRO II – 3/4 TO 5 HP COMPLETE PUMP PACKAGE

- Includes Munro LP series pump in ¾ through 5 hp models.
- Stainless Steel SmartBox with high temperature and low pressure sensors. Can also specify StartBox, BrainBox or a custom control.
- Enclosure for 3/4 to 3 hp is powder-coated stainless steel, vented for cooling and is padlock-able. Interchangeable ends allow pump to face left or right.
- Enclosure for 5 hp is powder coated marine-grade aluminum, vented for cooling and is padlock-able. Built to order to allow pump to face left or right. Also available on a skid, without enclosure.
- Includes suction fitting, discharge fitting and hose or piping, pressure gauge and electrical outlet.
- Fast easy installation saves labor and material costs – and looks professional every time.

SIMPLICITY 70 VFD – 5 HP PUMP STATION

- Enclosure is powder-coated marine-grade aluminum, vented for cooling and is padlock-able. Built to order to allow pump to face left or right. Also available on a skid without enclosure.
- Variable Frequency Drive (VFD) regulates motor speed to accommodate irrigation systems with varied pressure and GPM zone requirements.
- Available in 5 hp models.
- True soft start and soft stop. Lower operating speeds mean longer life for bearings and motors.

STANDALONE & CUSTOM PUMP STATIONS – LARGE PACKAGED SYSTEMS

- Munro StandAlone software automates the pump station using only the VFD, making the pump station easier to install and maintain. No need for hardwired controls or PLCs, minimizing cost and complexity.
- Munro Standalone pump stations are UL Listed (QCZJ) packaged pumping systems and the enclosure is UL Listed with a UL-50 Type 3R rating, indicating certified for outdoor use. Skid and enclosure are powder-coated marine-grade aluminum.*
- Munro custom pump stations can be designed with multiple pumps and variable frequency drives built for any irrigation, municipal, mining, industrial or snow making application.
- All stations are built in our UL 508A panel shop following UL guidelines, monitored by quarterly UL inspections.
- All stations include suction and discharge fittings, check valves and isolation valves.
- Options include but are not limited to – Touch screen, filtration, flow meter, bypass, master valve, alarm light(s), powder coated steel and stainless steel skids and enclosures.
- Protection features – Loss of prime, pressure surges, rapid cycling, deadhead, over pressure, motor overload low/high voltage & catastrophic discharge line break.
- Munro Webview available to monitor your system remotely.
- Specifications and drawings are available for all pump stations we design and build.
- All pump stations are tested to actual site conditions (flooded suction or suction lift) prior to shipping.

* UL-50 Type 3R listing for models that include vertical multistage pumps only.
MXS 5” MULTISTAGE BOTTOM SUCTION SUBMERSIBLE PUMP – SELF-COOLING

- Bottom suction allows draw down to 4-1/2” – great for in tank applications.
- Stainless steel components inside and out, including impellers and diffusers.
- Self-cooling – liquid passes the motor. No need for flow inducer sleeves.

LP SERIES CENTRIFUGAL PUMP – AVAILABLE IN ¾ THROUGH 5 HP

- Self-priming centrifugal pump has best performance to hp ratio in the industry. Just look at our pump curves!
- Cast iron housing and diffuser, brass impeller.
- Silica carbide/carbon seal, stainless steel wear ring and stainless steel bolts.
- Two built in priming & drain ports. One priming port can be used to house pressure sensor.
- Sensor port for temperature sensor.

RP AND FS SUBMERSIBLE PUMPS – TRUE CONTINUOUS DUTY

- Our design takes the flow path across the motor housing to whisk away heat for longer life.
- Abrasion resistant mechanical shaft seal increases efficiency and lowers operating costs.
- Thermally protected motor protects motor from damage due to heat and/or over amping.
- High flow rates with low amp draw.
- Stainless steel outer case.
- Capable of passing solids from .24” to 1/4” depending on model.

SMARTBOX – PUMP START & PUMP PROTECTION IN ONE BOX

- 40 amp pump start relay works with ¾ to 5 hp single-phase pumps. Larger hp and 3 phase capability available.
- All power leaving the SmartBox is low 24 volts.
- Comes with time delay and pressure sensor for loss of prime and run dry protection. Optional temperature sensor can be added.
- UL & CUL listed in a NEMA 3R enclosure. All SmartBoxes are UL listed – not just the individual parts – under UL508A
- Enclosure available in stainless steel or powder coated steel.
- Reduced incoming amperage models available for use with irrigation controllers that provide less than .35 amps for pump start signaling.
BRAINBOX – RAINWATER HARVEST CONTROLS

- Using a series of float control switches, BrainBox monitors water level in a holding tank and if there is enough water when the start signal is received the tank pump will start.
- If there is not enough tank water the BrainBox will initiate a 24-volt signal opening another water source to maintain tank level or supply the irrigation system directly.
- Float controls are wired for safe 24v reduced external voltage.
- Preset pressure sensor prevents potential pump damage due to loss of prime or run-dry.
- Temperature sensor offers additional protection in the event of dead head or a solenoid valve not opening.
- Enclosed in a UL-50 listed 3R stainless steel or powder coated enclosure.

PRESSURE START CONTROL BOX – ON DEMAND PUMP CONTROLS

- Connect the pressure switch and flow switch to any pump discharge and the Pressure Start Control Box will turn the pump on and off at demand.
- Great for hand watering or washing the car or boat.
- No need for a pressure tank.
- Constant pressure at 50psi available downstream with system flow of 2-50 GPM. Higher pressure switches available.
- 110v and 220v models available for up to a 2 hp pump. Larger hp models available.
- Enclosed in a UL-50 listed 3R stainless steel or powder-coated steel enclosure.

TIMEBOX – PUSH BUTTON START CONTROLS FOR WATER OR LIGHTING

- Give visitors access to water for dust control or cooling of sand volleyball courts, clay tennis courts, horse riding arenas or other sports field applications, without risking flooding.
- Users press a button to turn the water on for a pre-set amount of time. A pre-set lock-out time guards against over use.
- Simple design powers a zone valve and activates the pump (up to 5 hp), eliminating the need for a separate irrigation controller.
- Time settings are adjustable from 1 second to 10 hours. Factory settings are 15 min. use time and 1-hour lockout before restart is allowed.
- Enclosed in a UL-50 listed 3R stainless steel enclosure.
- Can also be used to provide on-demand lighting in timed increments.