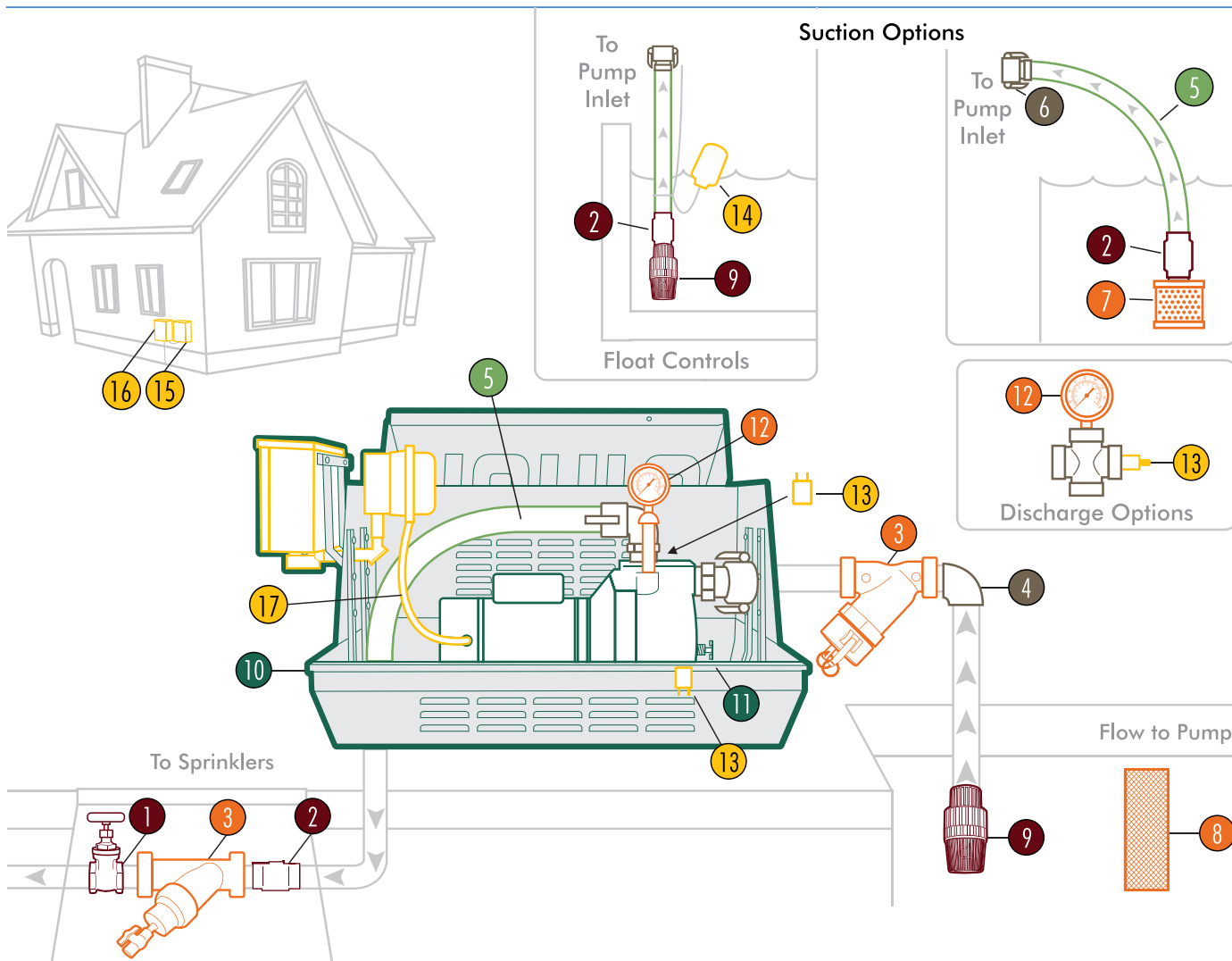


Typical Applications - Ground Water Application

Drawing from a shallow well, cistern, ditch or pond



Product Identification

Discharge & Suction Components

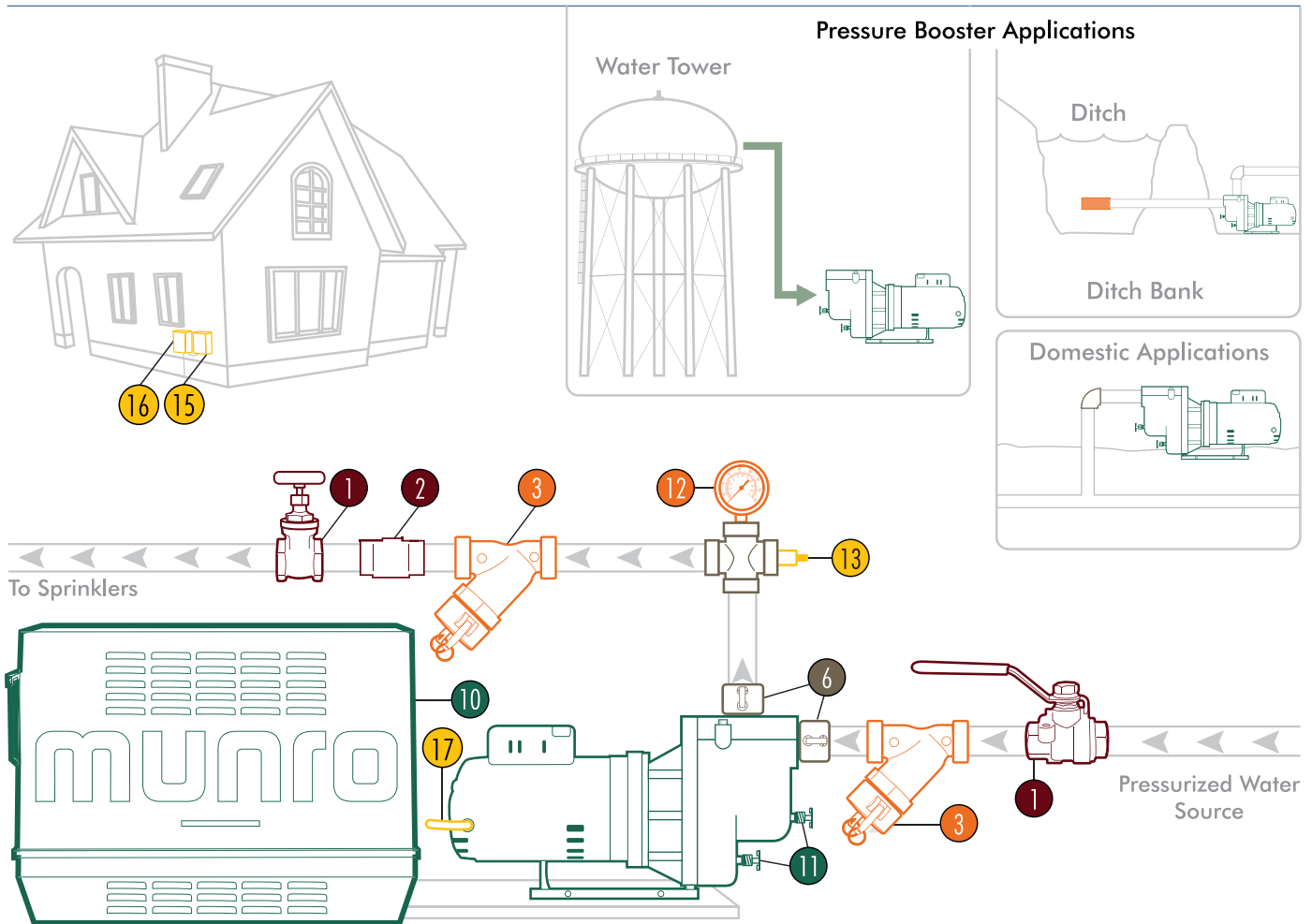
- | | |
|---|---|
| 1 | ISOLATION VALVE – Gate and ball valves allows pump isolation for ease of maintenance and winterization. |
| 2 | CHECK VALVE – On suction side, keeps pipe and pumps full of water, reducing wear at start of run-cycle. On discharge side, prevents system damage from water back-flowing or hammering. |
| 3 | Y-STRAINER – Keeps sprinklers from clogging by straining the water through a screen mesh. The “Y” design allows for easy cleaning of the screen mesh. |
| 4 | PIPE FITTINGS – Airtight line allows water to flow to and from pump. Multiple configurations are available. |
| 5 | HOSE – Provides a less expensive and more flexible alternative to steel or PVC pipework. |
| 6 | CAM COUPLING – Easily connect and disconnect while still being vacuum tight. |

Suction Only Components

- | | |
|---|---|
| 7 | BASKET STRAINER – Keeps pump from clogging by straining water before entering pump. |
| 8 | INLET SCREEN – Screening allows water to flow without debris being pulled into the pump. Reduces amount of Y-strainer cleaning. |
| 9 | FOOT VALVE – Keeps pipe and pump full of water, reducing unnecessary wear on pump at start of run cycle. |

Typical Applications - Booster Application

System provides some initial pressure



Product Identification

Pump & System Accessories

10	UNIVERSAL PRO ENCLOSURE – Protects pump from rain, dust and heat. Increases efficiency and adds to motor life.
11	DRAIN COCKS – Easily drain pump case for winterization, without losing plugs! (Included with all LP Series pumps)
12	PRESSURE GAUGE – This troubleshooting tool monitors system for pressure.
13	MONITORING SENSORS – Pressure and temperature sensors offers loss of prime and high temp protection when coupled with SmartBox controls.

Electrical Components

14	FLOAT CONTROL – Provides hands-free pump operation by automatically signaling start and stop of pump cycle with rise and fall of float.
15	START SIGNAL – Command control to start and stop pump cycle – timer, lawn controller, manual switch.
16	ELECTRICAL RELAY – Relay switch which allows electrical power to run between breaker and pump motor.
17	WIRING – For power supply and pump start.