

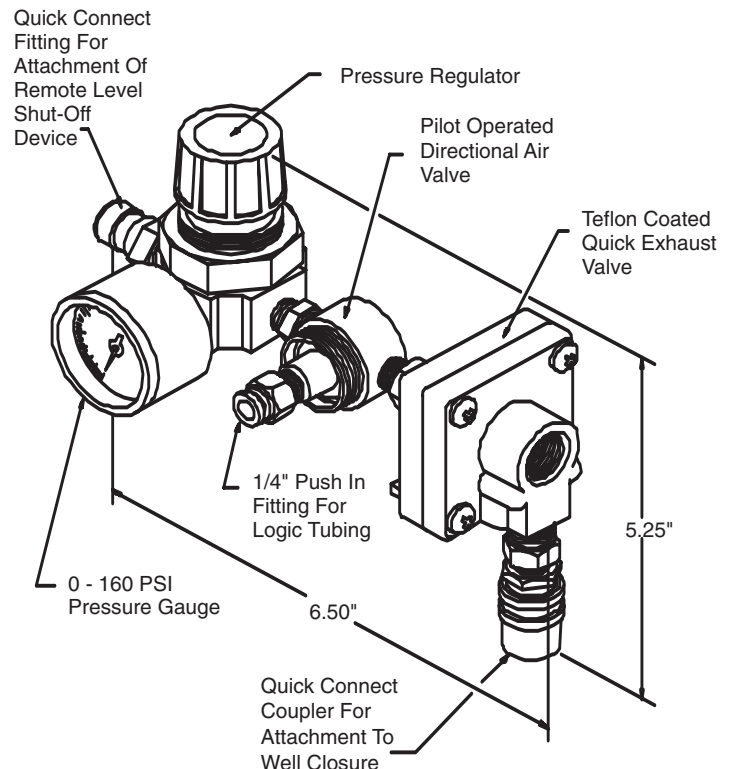
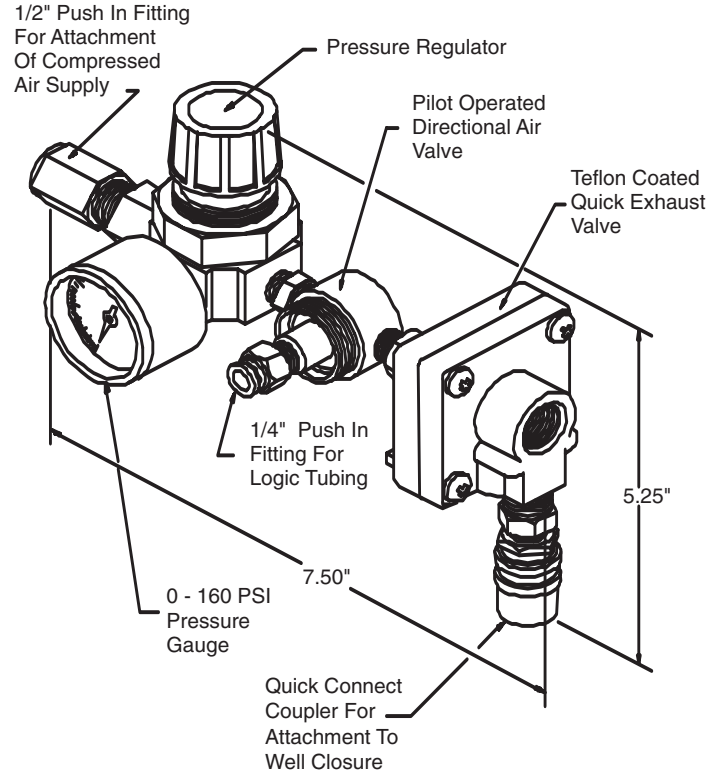
GeoPump

Ground Water Pumping Solutions

SATELLITE CONTROLLERS

GEOPUMP Satellite Controllers are used in multiple well, ground water remediation projects to provide a low cost alternative to a primary pump controller at every well. Installed at each remote well head, the Satellite Controllers are connected to the primary cycle controller by 1/4" O.D. "logic" tubing. With pumping frequency determined by the primary controller's discharge and refill timers, pneumatic signals are sent through the "logic" tubing, which opens and closes Satellite Controllers, providing drive air to the remote, pneumatic recovery pumps. Each Satellite Controller can be independently adjusted to provide precise, variable, flow control over its companion pump.

- Fully pneumatic controller design requires no batteries and is intrinsically safe.
- Designed to quick connect to the well cap.
- Metal body pressure regulator, with integral 0 - 160 psi gauge, can be adjusted to increase or decrease pump discharge, based upon lift.
- Teflon®coated, quick exhaust valve.
- Non-corroding, 3-way, normally closed, pilot operated, directional air valve.
- Air valves have a 1/4" push-in tube fitting for attachment of "logic" tubing from the primary cycle controller.
- Specify Model 50014, with 1/2" push-in tube fitting, for continuous pumping.
- Specify Model 50015, with quick connect fitting, for use with remote level shut off and bubbler probe.



SATELLITE CONTROLLERS

ENGINEERING SPECIFICATIONS

1. The satellite controller shall have an anodized aluminum, 3 way, normally closed, pilot operated, directional air valve.
2. The air valve shall have a 1/4" push-in tube fitting for attachment of the logic tubing running from the main controller.
3. The satellite controller shall have a metal body pressure regulator, with integral 0 - 160 psi pressure gauge, to increase or decrease the pressure being delivered to the air valve.
4. The satellite controller shall have a Teflon[®] coated quick exhaust valve, with integral quick connect coupler, for attachment to the pump air fitting on the well head closure.
5. The Model 50014 Controller shall have a regulator with a 1/2" push-in tube fitting for attachment of the compressed air supply. The 1/2" fitting shall be capable of being removed to provide a 1/4" female pipe thread for hard piping.
6. The Model 50015 Controller shall have a regulator with a quick connect fitting for attachment of the remote level shut off device.

Teflon is a registered trademark of E.I. duPont.

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