

Xitech's Groundwater Remediation Technology

Benefits

Auto-Isolator 400 Groundwater Pump Features:

Xitech's Auto-Isolator 400 (AI 400) pneumatic, automatic, piston, groundwater pump, dramatically reduces all forms of above ground treatment system fouling.

How? The AI 400 pump has an internal piston that completely isolates the compressed air from the fluids being pumped. Injecting compressed air into the groundwater is a known major cause for iron and bio fouling of above ground treatment systems.

Xitech's Auto-Isolator 400 (AI 400) pneumatic, automatic, piston, groundwater pump, eliminates above ground exhaust air emissions.

How? The AI 400 pump has an internal piston that completely isolates the compressed air from the fluids being pumped. The pump's exhaust air venting above ground will be free of any VOCs.

Xitech's AI 400 pump can pump any well completely dry.

How? The AI 400 pump has an active filling design. Our pumping piston creates a high vacuum at the intake of the pump causing rapid filling of the pumping chamber. Our pump does not require water submergence to operate.

Groundwater Well Accessory Features:

4" Single Pump Fast-On Well Seal.

Xitech's 4" single pump well seal was engineered for easy installation and safe pump retrieval.

How? Xitech's 4" single pump Fast-On well seal and 6" dual pump Fast-On well seal design does not require band clamps or rubber boots to seal. Xitech's Fast-On well seals are a flat plate design that accommodates the groundwater pump air lines, discharge hose, safety cable, level control switching cable, and a 1" level gauging port. These well seals use a face O-ring seal which creates a vacuum tight seal at the top of the well that prevents surface water from entering the well and loss of vacuum at the well. This face seal makes it very easy to remove.

Safest Dual Pump well head seal available!

Xitech's 6" dual pump and dual nesting support plates well seal design was engineered to be the safest independent installation and retrieval of a skimming pump and a groundwater depression pump.

How? Xitech's 6" dual pump well seal design is made of TWO separate metal support plates. The larger support plate accommodates the groundwater pump air lines, discharge hose, safety cable, and includes a 1" level gauging port. The smaller support plate accommodates the Free Product skimmer air lines, product discharge line, safety rope, and level control switching cable. You now can safely remove one pump at a time which dramatically reducing the weight the operator has to handle during an install or maintenance servicing. Both support plates include vacuum tight face O-ring seals to prevent surface water from entering the well and loss of vacuum at the well.