



Stock #1935

Used QED AP4 Short, Top Loading, Pneumatic Pump

SPECIFICATIONS:

Brand: QED Environmental Systems

Model: AutoPump® (AP4 S /TL)

Fluid Inlet: Top

Diameter: 3.6"

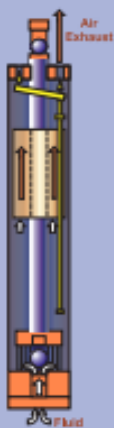
Length: 45"

Max Flow: 9 GPM

Maximum Depth: 250'

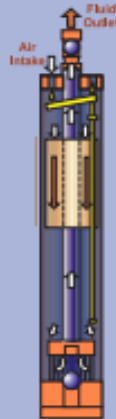
Actuation Level: 41.6"

Condition: Excellent



Fill Cycle:

The fluid inlet check valve opens, allowing fluid to enter the pump. As the fluid level rises, air is expelled through the exhaust air valve and the internal float rises to the top of its stroke. In this upper position, the float triggers a lever assembly, which opens the air inlet and closes the air exhaust valve, which allows air to enter and pressurizes the pump.



Discharge Cycle:

With the air inlet valve open, air pressure builds up within the pump body. This causes the fluid inlet check valve to close allowing the fluid to be displaced up and out of the fluid discharge check valve. As the fluid level falls, the float moves downward to the bottom of its stroke. In this lower position, the float triggers the lever assembly to close the air supply and open the air exhaust valve and a new cycle begins.