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Pneumatic pump



The ejector is an air-operated cyclic pump used inside biogas capture wells or wells for wells capturing only leachate. Built in stainless steel, it is equipped with an internal float that operates the pumping cycle depending on the fluid level. When the pump is full, the float opens the air intake valve that in turn pressurises the pump body in order to close the leachate inlet check valves; simultaneously, the pressure forces the leachate through the discharge duct to the surface in the delivery duct to the collection point. After the pump is emptied, the internal float returns to its initial position on the base, closing the air inlet valve and allowing fluid to enter the pump. The pumping cycle is repeated automatically and depends only on the presence of fluid in the well and the pump body filling time.

Features:

- Material: AISI 304 stainless steel
- Automatic operation
- Internal float in resin material
- Bottom loading
- Sturdy construction and easy access
- Easy maintenance
- Can be used in areas at risk of explosion.