

LLC-3 Float Valve Assembly Installation & Exploded View



Read carefully before handling.

PRODUCT OPERATION

Liquid Level Control Unit

The LLC-3 Float Valve Assembly was designed with two purposes in mind: (1) to activate an air-operated pump and (2) to keep the vessel from overflowing. The principal behind the operation of this control is a float activating an air switch turning a pump on. Keeping this in mind, it is easy to understand how the single float switch assembly can accomplish the pump out or underfill feature by turning the pump on/off.

The pump is controlled by an internal float valve that actuates an air valve. As the liquid level rises, the pump starts automatically and operates until the liquid level drops below a predetermined level. The LLC-3 comes standard with a complete float assembly (actuator and float ball with stem) and a suction pipe mounted to a 5 gallon lid with bucket. For a complete LLC-3 unit, order the pump and filter regulator gauge separate from the LLC-3 Float Valve Assembly.

To install, tighten down the lid to the bucket, connect the air line to the ball valve of the pump and attach the suction and discharge hoses. Slowly open the ball valve to the appropriate air pressure.

The system operates on air supply pressures from 20 to 100 PSI.

To keep the quality of the Float Valve to its highest level, each one is hand made. Nothing is mass-produced.

Pump Series Available:

NDP-5 (1/4"), DP-10 (3/8") & NDP-15 (1/2")

Elastomers Available:

Buna N, Hytrel, Neoprene, Santoprene & PTFE

GPM: 3.4 - 13.5 GPM



LLC-3-15BAN

