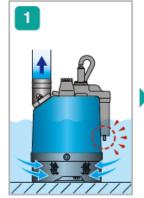




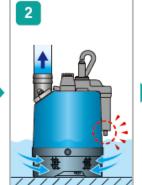
Submersible Automatic Drainage Pumps with Electrode

Tsurumi single phase LB-A pump comes with electrode probe for automatic operation control in conditions with fluctuating water level. Similar to three phase pumps of KTZE and KTVE, the operation mechanism is the sensing of water level via electrode probes to control the pump. The automatic operation control unit of LB-A also consists relay timer function and the electrode probe length is also variable, same as the three phase KTVE and KTZE pumps.

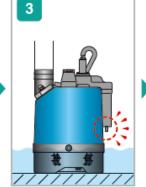
Automatic Operation (LB-A)



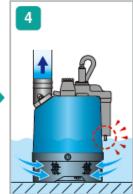
Pump continues to run while the electric probe remains submerged.



When the water surface falls below the electric probe, timer starts to count about one minute.



Pump stops in about one minute after the water level falls.



When the water level rises to contact the electric probe, pump starts operating again.

The process is repeated.