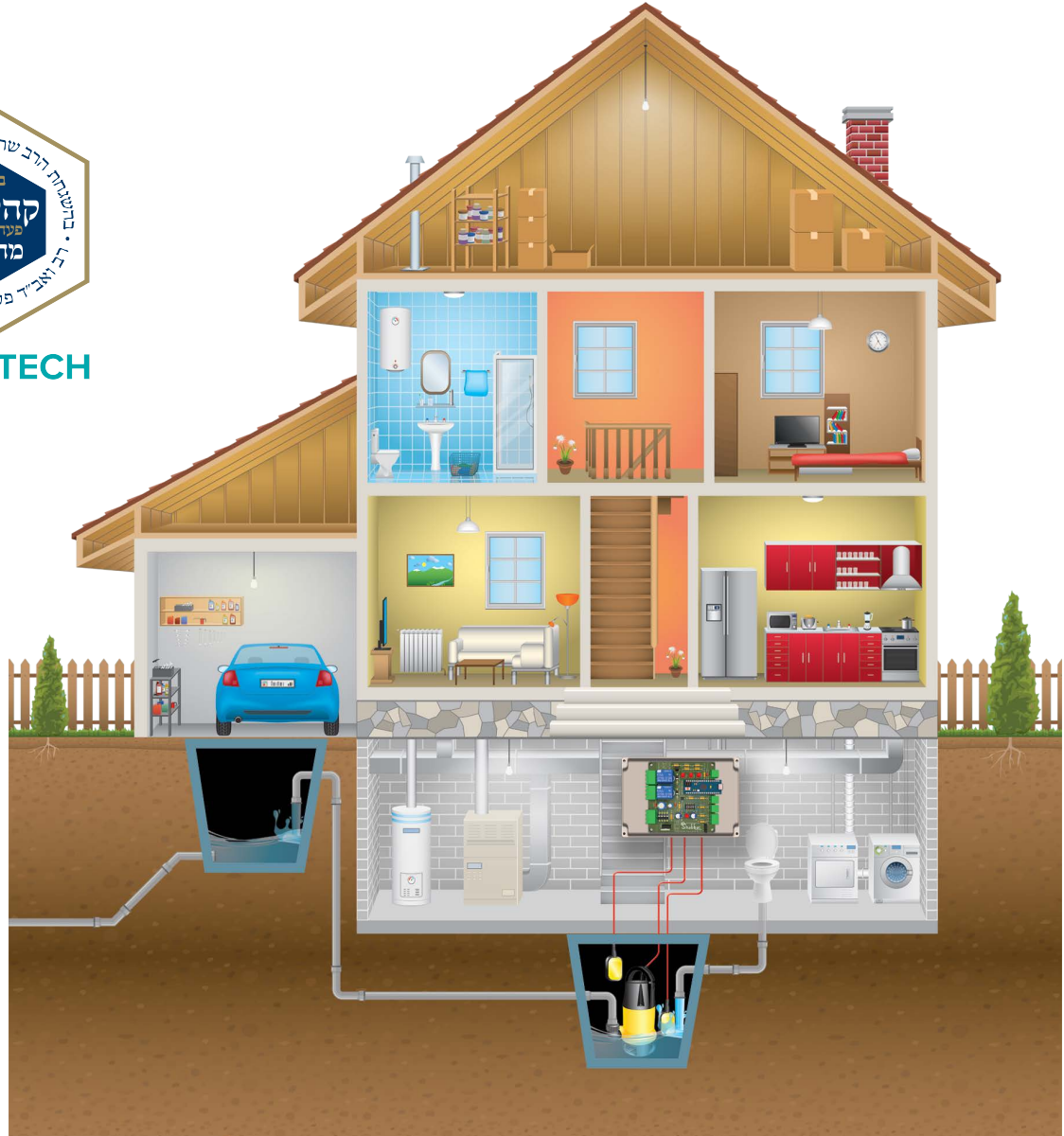


ShabbatSmart Foul water pump controller

Automatic Sump Pump Controller to allow the use of basement toilets during Shabbos.

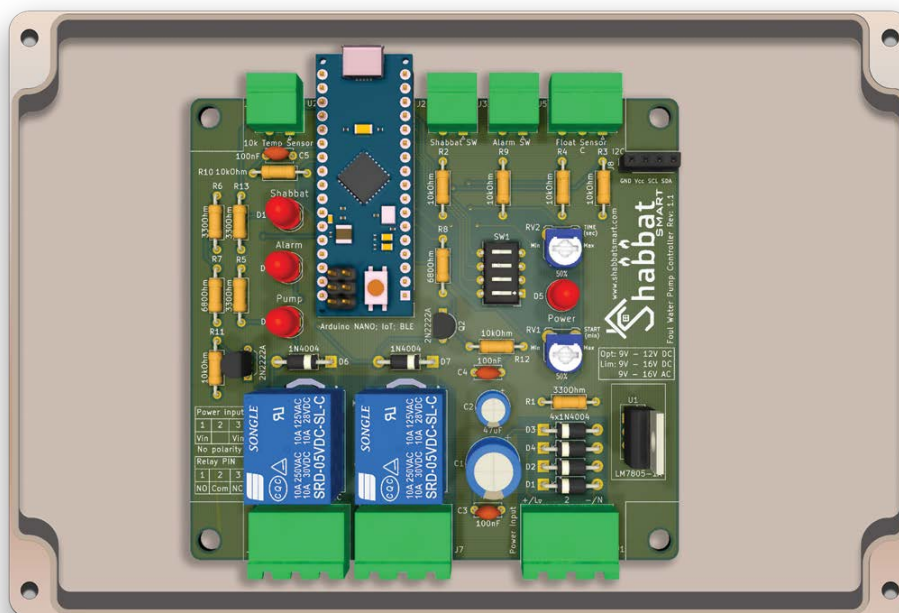


FEDTECH



- **ShabbatSmart Foul Water Pump Controller** activates the pump at adjustable pre-set time intervals, and de-activates it once the water level drops.
- **ShabbatSmart Foul Water Pump Controller** ensures that the pump does not run dry for a length of time. Using a 3rd party Wi-Fi activation switch, Shabbat Mode can be triggered via online Apps. This can also be set by time relation to Sunset.
A Volt-Free alarm signal triggered by a high-level float switch, will provide an indication in case the pump fails to empty the Sump.

ShabbatSmart Foul Water Pump Controller - Halacha Talk



Challenge:

When someone flushes a basement toilet, the water flows into a foul water sump. The water raises a float switch, which activates a pump and empties the sump. Many consider this action to be prohibited during Shabbos. Operating a pump by time only, will result in the pump running dry which can damage the pump.

Solution:

Shabbat Smart Limited developed a smart controller that will operate the pump, while ensuring the toilet user does not trigger any prohibited action during Shabbos.

When operating in **Shabbat Mode**, the controller will start the pump for a very short cycle based on time intervals. The pump will then stop based on float switch level. This way, when flushing the basement toilet during Shabbos, no prohibited action is triggered

