Datasheet - SmartMatz® WH-100

for Water Heaters

Rubber mats with embedded Smart Home Leak Detection let you know when moisture, or worse: flooding, occurs. Provides superb protection around home water heaters.

Magnetized ! Sticks to Washers Ice Makers Dishwashers

Comes equipped with our New!
Vertical Appliance Sensor
Magnetically attaches to the Water Heaters, sits snuggly in a protective pocket.

All our products feature *'Got a Leak - Get a Text' technology.*

Made in the USA!

Physical Size.	The rubber mat is 22.25in in diameter and 2.50in tall. The sensor pocket is 1/2in making the diameter 22 5/8in at the sensor. The Rubber Mat is made from a **_very_** durable 1/8 thick material. This is a very rugged Rubber Mat that will not crack or disappoint. This rubber mat has NO smell what-so-ever.
Sensor Inputs	The sensor has two separate sensor inputs. Moisture and Flooding. The sensor will detect small amounts of moisture. If the water level increases beyond just moisture, a second input is present to detect and alert for Flooding. Phone alerts are provided for both Moisture as well as a worsening condition indicating Flooding.
Sensor Mounting	The integrated Leak Detection Sensor is Vertical mounted and equipped with a magnetic attach. This is a **_very_** strong magnet that allows for attachment to Water Heaters and any steel body appliance. The sensor fits snuggly in its pocket for protection.
Sensor Housing	Each device is permanently sealed in an HDPE moisture prevention case. The housing is not submersible, nor designed to be submerged. The housing is only moisture resistance/splash proof. There is no service access to the device. Do not open the case.
WiFi	Standard Home WiFi. No special hubs or equipment are needed. *Keep in mind that WiFi Signal Strength must be sufficient at the sensor location. In some cases a WiFi Extender may be necessary. Most garage install locations, basements, and basement bathrooms do not have sufficient WiFi strength to reach the device.*
Electrical	Standard Wall Outlet 110Vac. 100mA. *Alternatively, the USB connector can be used to connect to a USB Power Module for battery usage. Be sure to use the phone app and set the device to 'Battery Mode' for Power Savings that employ 'Deep Sleeping' and infrequent server updates.* ***Please verify that an electrical outlet is near the install location. This is especially important under cabinets, behind dishwashers.*
Power Cord	Each sensor comes with a fixed, 6ft power cord for standard 110Vac outlet connection. This cord is permanently attached and sealed to the device for moisture protection.
Alarms & Alerts	A small, annoying, buzzing alarm is supplied in the device per tradition, but it is not loud enough to alert the homeowner in a large home. Instead, use the phone App and expect Text Message Alerts.
Phone App	Free for Android and iPhone clients. Free Text Messaging. No hidden fees, no ads, no tracking or soliciting.