RECON DYNAMICS

)(PILLAR

Pillar **Leak Puck™**

Data Sheet

QUICK FACTS

Pillar Leak Pucks deliver 24/7 wireless water damage monitoring. Simply place them on the floor and go. The Leak Puck will alert if water touches the device and provides constant temperature and humidity data at the location it was placed.

now

)(ALERT!

Pillar Alert

Water has been detected at Leak Puck WA701 located on Floor 2 at laboratory water intake valve. Visit your dashboard for further information.

RADIO SPECIFICATION

Standard: **915 MHz ISM**
RF Rx Sensitivity: -**140 dBm**
Tx Output Power: **4dBm+**
Standard Transmit Interval: **3hrs or Triggered**
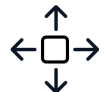Transmit Count: **500,000+**

BUILT-IN SENSORS

WATER CONTACT

TEMPERATURE

HUMIDITY

MOTION

PHYSICAL AND ENVIRONMENTAL

Dimensions:
  3.15" x 3.15" x 0.98"
  80 x 80 x 25 mm
Weight: **2.7 oz, 77g**
Environmental Rating: **IP31**
Operating Temp Range:
  0 to +185°F
  -18 to +85°C

POWER

Battery:
  2 Year User-Replaceable Lithium Thionyl Chloride battery

helpful@recondynamics.com

Welcome to Effortless.

RECON DYNAMICS

)(PILLAR

Pillar **Leak Puck™**

Data Sheet | **B-Side**

SENSOR SPECIFICATIONS

WATER CONTACT

ACCURACY *1mm (.03")*
adjustable water depth threshold

TEMPERATURE

Temperature (°F)
ACCURACY ±1.5°F
RESOLUTION 0.018°F

HUMIDITY

Humidity
OUTPUT Relative humidity (% rH)
ACCURACY ±2.5% rH*
HYSTERESIS ±1.5% rH*
RESOLUTION 0.008% rH
* Conditions: 20-80% rH, 77°F

MOTION

Motion
ORIENTATION Placement on ground or
18 Error coded orientation alerts

INSTALLATION LOCATIONS
Placed on a flat surface

HVAC & PLUMBING
Near major water valves, coupling, joints
HVAC drip pan
Condensers & heat exchangers
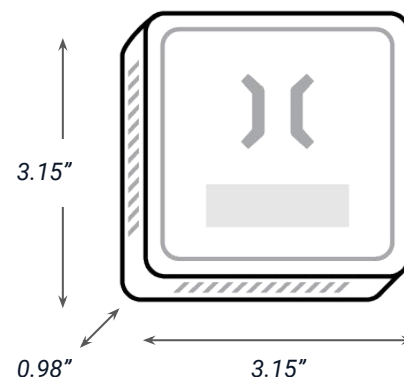
JANITORIAL & MAINTENANCE SPACES
Mechanical rooms
Electrical rooms

FINISHED SPACES
Cabinetry & storage space
Windows & building envelope openings
Electronics, server racks

NETWORK

FREQUENCY 915 MHz ISM band
INDUSTRY Industrial applications
ENCRYPTION AES key exchange
SECURITY Private network tokens
BACKHAUL 4G cellular or Ethernet
(required onsite)

3.15"

0.98"   3.15"

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