



**RECEIVER  
MODULE**



**WIRELESS  
SENSOR**



**HARD-WIRE  
SENSOR**



**MOTORIZED  
BALL VALVE  
ACTUATOR**

**DIMENSIONAL**

**Receiver Module:** Approx. 6.5" H. x 6.5" W. x 4.0" D. (w/o antenna).

**Motorized Ball Valve Actuator:** Approx. 6.5" L. x 3.5" Dia.

**Sensors:** Wireless 2.675" square x 0.925" H. Hard-wire 2.750" square x 1.00".

**Standard 4-Conduit Actuator-To-Receiver Cable Length:** 10'.

**ELECTRICAL**

**Motorized Ball Valve Actuator:** Powered by Receiver Module.

**Receiver Module:** 10VDC, 1.6A (UL Listed 115 VAC adapter supplied).

**Sensor:** (2) x 3V Lithium Batteries type CR2032 (supplied). Data for wireless only as hard-wire are passive.

**BALL VALVE PROPERTIES**

**1-1/4", 1-1/2" & 2" Threaded Ball Valve:** Body, End Connections and Ball (tea coated): Brass CW 510L.

**Lead-Free:** \*lead free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content= 0.25%. Source: California health & Safety code (116875). Vermont Act 193.

**Ball Seat, Thrust Washer, Stem Seal:** PTFE.

**O-rings (2):** FKM (Viton).

**Stem:** Brass CW 510L.

**Rating:** 1-1/4" - 103.7 CWP. 1-1/2" 268.5 - CWP. 2" - 309 CWP.

**RF CHARACTERISTICS**

**Center Operating Frequency:** 418Mhz.

**Channel Selection Options:** 256 discreet.

**Range:** 150' line of sight.

**Total System Sensor Support/Expandability:** Unlimited sensors.

**HARD-WIRE SENSOR SPECIFICATIONS**

**Range:** 1,000' from console with 20-22 AWG paired leads (polarity insensitive).

**Total System Sensor Support/Expandability:** 4 hard-wire sensors max. per system.



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**LEAK-GUARDIAN® PRO SYSTEMS**  
**2500P-125, 2500P-150, 2500P-200**  
**TECHNICAL SUBMITTAL DATA**

**2005-PRO-S**  
**11.01.19**