



**DIMENSIONAL**

**Receiver Module:** 3.0" W. x 4.6" L x 1.1" H. (w/o bracket).  
**Motorized Ball Valve Actuator:** 3.4" W. x 4.3" L x 6.0" H.  
**Sensor:** 2.675" square x 0.925" H.  
**Standard 4-Conduit Actuator-To-Receiver Cable Length:** 8'.

**ELECTRICAL**

**Motorized Ball Valve Actuator:** Powered by Receiver Module.  
**Receiver Module:** 9VDC, 300mA (UL Listed 120 VAC 60 HZ adapter supplied).  
**Receiver Battery Backup:** 9V Battery (not supplied).  
**Sensor:** (2) x 3V Lithium Batteries type CR2032 (supplied).

**BALL VALVE PROPERTIES**

**3/4" & 1" Threaded Ball Valve:** UL, NSF 372 compliant.  
**Material:** Forged Brass.  
**Type:** Full Port.  
**Rating:** 600 CWP, 150 SWP  
**3/4" CV Rating:** 29.5 GPM @ 1 PSI drop.  
**1" CV Rating:** 43.0 GPM @ 1 PSI drop.

**RF CHARACTERISTICS**

**Center Operating Frequency:** 418Mhz.  
**Channel Selection Options:** 255 discreet.  
**Range:** 150' line of sight.  
**Total System Sensor Support/Expandability:** Unlimited sensors.

**APPROVALS AND ACCREDITATIONS**

**Third Party:** New York Product Testing & Services, Inc., Holbrook, New York 11741.  
**Lab Number:** 07-1883.  
**Government:** Commonwealth of Massachusetts Division of Professional Licensure, Board of Examiners of Plumbers and Gasfitters.  
**Approval Code:** P3-0209-314.



**PETRO-METER CORPORATION**  
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**LEAK-GUARDIAN® SYSTEMS**  
**2500-075i AND 2500-100i**  
**TECHNICAL SUBMITTAL DATA**

**2005-S**  
**01-01-17**