



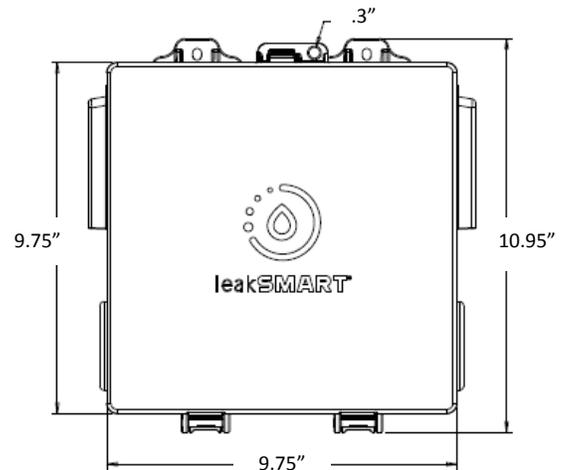
Valve Enclosure installation instructions Model #: 8855000

The leakSMART® enclosure is designed for warmer regions where codes allows for plumbing supply lines and main shut offs to be located outside. The leakSMART valve must be protected from exposure to the elements to assure proper function.

Note: This enclosure is not designed for cold weather regions that may pose a freeze hazard to the plumbing supply.

It is recommended to contact a professional contractor for installation of electrical lines and plumbing of the valve.

Based on certain jurisdictional codes, this enclosure may not be acceptable, please be sure to check with your local housing authority before installing this product.



leakSMART® Enclosure Kit Includes the Following Items:

- (1) Enclosure housing with detachable door.
- (2 each) Fastening screws w/anchors to mount enclosure to substrate.
- (2 each) 3/4, 1 and 1-1/4" sealing grommets for plumbing supply
- (2 each) Rubber plugs
- (1 pc) 110v outlet housed within electrical conduit box and panel for 1/2" conduit.

Note: Additional fittings and hardware will be required.

Step 1: locate and identify your existing shutoff for your incoming main water supply.

Look for a suitable area after your main shutoff to mount the enclosure to a solid substrate. Make sure to orientate the enclosure with the leakSMART logo in the horizontal position. Keep in mind that the supply lines will be plumbed through the enclosure.

For example; plumbing a U shaped flow path from the existing line (see examples configurations below for reference) after your main shut off valve and meter.

Refer your leakSMART valve instruction booklet for further detail or visit our web site:

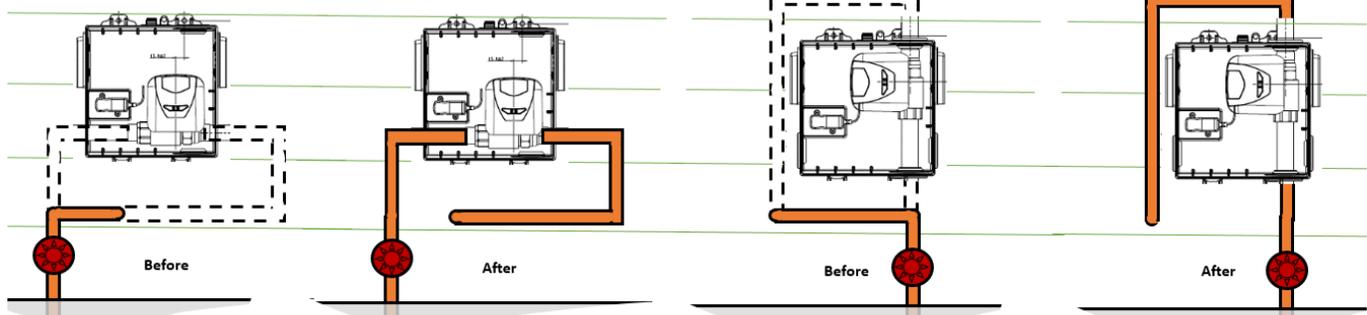
https://leaksmart.com/wp-content/uploads/2017/07/LeakSmart_Gen2_Instructions.pdf.

Determine the material needed to connect the leakSMART valve with adapter fittings (not included) required for your specific valve size and job needs. It is recommended to have unions so alignment and ease of installation can be easily achieved.

Below illustrations showing common configurations.

Figure 1 - Horizontal Installation

Figure 2 - Vertical Installation



Step 2: Locate and identify your nearest 110-120v 15A max electrical access point from which conduit or an extension cable can be run to the installation location.

Note: You will need to follow all applicable electrical codes in your local jurisdiction. It is strongly recommended to contact a professional.

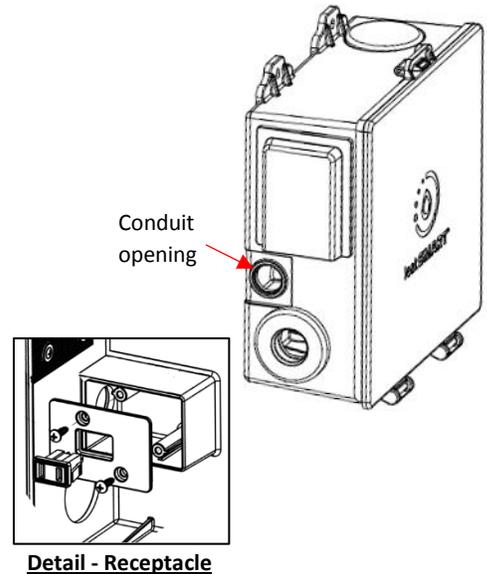
A 1/2" outdoor conduit connector (Not Included) will be required for the electrical access hole, see figure to the right.

Once the conduit or extension cable has been securely connected the enclosure, connect the outlet using the 150mm long 16AWG wire leads attached to the plug.

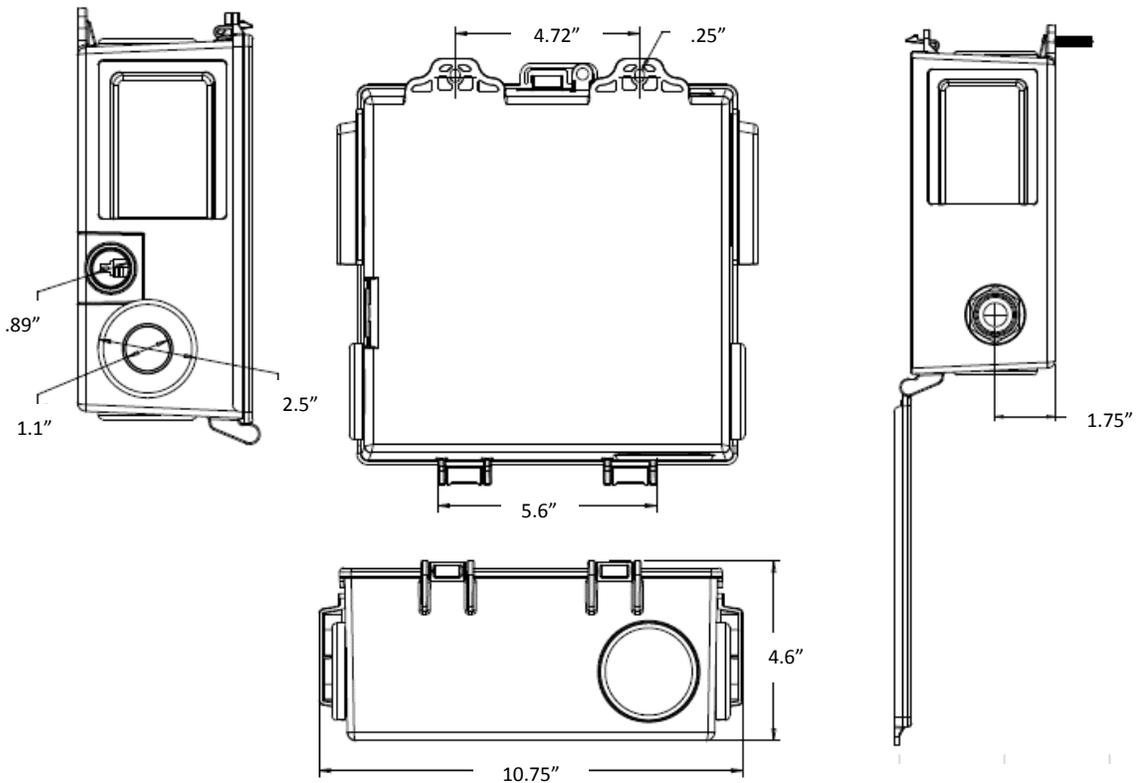
Note 1: That the outlet has to spade sizes, the common should be used for the larger spade side and hot (black wire) to the smaller side.

Note 2: Grounding of the electrical supply should be implemented at the junction box. The enclosure itself is not made of a conductive material for grounding.

Once all connections are made, test valve function at installation location to assure proper communication can be achieved, refer to your leakSMART owner's manual for details.



Basic Dimensions



If you need installation assistance, or have questions regarding our warranty, Please call our product consultants at: 1-855-532-5457, 8 a.m.-5 p.m., EST, Mon-Fri, Or email us at: techsupport@leaksmart.com