

# Yard Hydrant Made Easy™ Instruction Manual

Model #101  
Model #303



## Contact Us

Midwest Innovative Technologies, Inc.  
402 South Broadway  
Salem, Illinois 62881

Phone: 618-740-0074  
Email: [info@mitimfg.com](mailto:info@mitimfg.com)

Web: [www.mitimfg.com](http://www.mitimfg.com)

**MIDWEST INNOVATIVE TECHNOLOGIES, INC.**

**Patent No. 8,413,675**

**US Customer Service: 618-740-0074**

[www.mitimfg.com](http://www.mitimfg.com)

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## Also from Midwest Innovative Technologies, Inc.

Thank you for your purchase of a Yard Hydrant Made Easy™!

If you love the Yard Hydrant Made Easy™, check out our Wall Hydrant Made Easy™. The Wall Hydrant Made Easy™ applies the concept of the Yard Hydrant Made Easy™ - quick and easy hydrant replacement – to wall hydrants, saving owners the time, expense, and hassle of replacing a hydrant while also protecting against flooding and water damage when a hydrant freezes and ruptures.

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# Getting Started

## Please note:

- **This product is only compatible with ¾-inch standard yard hydrants with a minimum bury depth of 3'.**
- **DO NOT back-fill around the YHME without the yard hydrant first being installed.** The hydrant needs to be in place in order to maintain correct positioning of all components during the back-fill process; the PVC pull-pipe included with the YHME is for shipping purposes only.
- **DO NOT connect and tighten any water supply fittings to the YHME until your yard hydrant is installed.** Doing so could cause the stationary portion of the pitless adapter to turn inside the YHME and become misaligned.
- We recommend using at least 2' of PEX pipe or soft copper pipe to connect the pitless adapter to the water supply line. This will insure that your connection to the pitless adapter will not be put under strain in the case of shifting soil.

## Additional Supplies Needed:

- New ¾-inch standard yard hydrant
- Minimum of 2 feet of PEX pipe or soft copper pipe and fittings to connect to YHME's 1-inch female threaded inlet
- Pipe thread sealant
- Flashlight
- Shovel
- Gravel for bottom of YHME perforated seepage area

## Installation Procedure:

1. Excavate the ditch to the required water supply depth. **To accommodate the perforated drainage section of the YHME, a hole will need to be dug approximately 8 inches deeper than the water line depth for the YHME to set in. Place a small amount of gravel in the bottom of this hole.**
2. Remove the top cap from the YHME (will be re-assembled at step #12) using the hex (Allen) wrench provided.
3. Pull the ¾-inch PVC riser pipe STRAIGHT up and out from inside the YHME riser. DO NOT attempt to unscrew the PVC pipe while still in the YHME casing. The removable portion of the pitless adapter will come out as well.
4. Unscrew the ¾-inch PVC pipe from the brass nipple connected to the removable portion of the pitless adapter and discard the PVC pipe.
5. Use pipe sealant on the threads of the brass nipple and screw the nipple, with the removable portion of the pitless adapter, into the bottom of the new hydrant. As you tighten this fitting note what direction you want your hydrant to face.
6. While the YHME is in its shortest position, insert the new yard hydrant with the removable portion of the pitless adapter assembly down into the YHME body. The removable portion of the pitless adapter must align with the stationary portion of the pitless adapter mounted in the bottom of the YHME body and then slide into place. A flashlight may be needed to see down into the bottom of the YHME casing while completing this step.
7. To ensure that the o-ring in the pitless adapter has sealed properly, rotate the yard hydrant side to side before re-centering it within the YHME casing.

# Product Diagram

8. Measure the final depth of the ditch and adjust the height of the YHME by loosening the stainless-steel clamp at the bottom of the YHME and extending the riser up the yard hydrant to a height that will allow the top cap to be above final grade level and re-tighten the clamp. **Do not exceed the maximum extension level, which is marked by a white line around the inside riser.**
9. Place the assembly into the hole and connect the water supply.
10. Verify that the hydrant handle is in the "off" position and turn on the water supply to check for leaks.
11. While holding down pressure on the yard hydrant riser pipe, operate the hydrant prior to reinstalling the top cap assembly. This will allow you to visually inspect the YHME body to confirm that the hydrant weep hole does not continue to drain while the hydrant handle is in the "off" position. Some weep holes can take 1-2 minutes to drain the hydrant column, but some hydrants will require handle adjustment if the weep hole continues to discharge.
12. Re-assemble the top cap by first installing the half with the rubber gasket attached and wrapping the gasket around the hydrant. Install the second half and tighten the hex bolts with the provided hex (Allen) wrench.
13. After confirming that there are no leaks at the connections to the YHME, backfill the hole surrounding the YHME product. Again, it is recommended to place gravel around the seepage area of the YHME which is the section below the water supply connection. **The top cap of the YHME is always to be left above ground.**
14. If required by local or state plumbing codes, paint your hydrant to the required color and mark the hydrant for non-potable use.

For more information and installation video instructions, please visit us at [mitimfg.com](http://mitimfg.com).

