

WHEN INSTALLING BOX GUARD PLEASE FOLLOW THESE DIRECTIONS CAREFULLY, AS IMPROPER INSTALLATION CAN RESULT IN THE REDUCED EFFECTIVENESS OF BOX GUARD.

NEW INSTALLATIONS

- Install 2-3” of gravel in the base of the pit and place the Box Guard in the desired location of the valve box
- Position valve box in the desired location to check that the valve box is level and sitting at the correct height
- Run the wiring for the valves through the existing holes, or drill a larger hole if needed, in the bottom of the Box Guard
- Install the valves as normal. However, fittings should be kept away from the entrance and exits of the valve box to allow the side guards to fit properly around the pipe as they are sized for pipe, not fittings
- Place the valve box on top of the Box Guard, lining up the openings in the box with the pipes. If necessary, carefully saw additional openings, as small as possible, in the valve box. Do NOT make one large hole as the guards are designed to have support on either side from the valve box (Recommended, no more than: 1 valve for a 6” valve box, 2 valves for a 10” valve box, and 4 valves for a standard size valve box)
- Trim the side guards to fit underneath the pipes entering and exiting the valve box. Install the side guards on the outside of the valve box and secure with a strong adhesive tape such as Gorilla tape. Backfill around valve box as normal

FOR EXISITING VALVES

Installing Box Guard is essentially the same, however, for optimal performance it is important that you follow these suggestions:

- Clean the valve box so the side guards can be better adhered to the sides of the valve box
- If the valve box has been previously cut with large holes for the pipes and the side guards are not well supported on all sides, use a new valve box

FOR BEST RESULTS

- When cutting holes in the valve boxes for the pipes to enter and exit **DO NOT** cut a hole in the valve box any larger than necessary. **BOTH** sides of the side guards need to be supported by the box.
- Install the valve boxes no lower than grade so when they are opened dirt does not fall in from the top
- **DO NOT** adhere side guards to a wet or dirty valve box; make sure the valve box is clean and dry.
- Use a foam sealer around the base for extra protection