Mudbox
Mounting Receptacle for
Omni Spa Side Remote Control

Owner's Manual

Contents

HLMUDBOX

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Introduction

Description
The HLMUDBOX is a mud box receptacle for the HLSPASIDE Spa Side Remote Control. The mud box is typically used for new cement or gunite installations. It provides a secure receptacle for mounting the HLSPASIDE remote control after the cement/gunite has been poured.
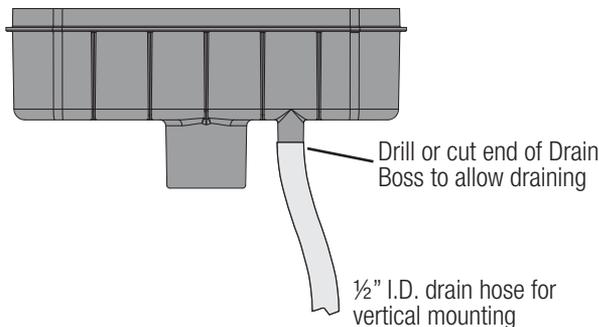
Installation

Flush Mount Installation
The HLMUDBOX mud box must be positioned in the desired location BEFORE the concrete is poured. The included plastic cover will cover the mud box opening and prevent any cement from entering the mud box while the cement is being poured. A 6" minimum section of 1" or 1½" PVC pipe is attached and will help support the mud box while the cement is being poured. Follow the steps below for mounting the HLMUDBOX.

1. Find the desired location for the installation. The remote must be mounted in a location above the high water line. Also consider that the mud box will have to be positioned and the electrical conduit will need to be run back to the OmniLogic/OmniHub before the concrete is poured. The mud box face should be mounted flush or no more than ¼" underflush, to the mounting surface.

    If mounting horizontally (on vertical surface), drill ¼" hole through the drain boss to allow any moisture to drain from inside the box. Position the mud box so that the drain box is on the bottom (shown on page 3). Attach a ½" I.D. plastic tubing to the boss and route to a location where moisture can drain. See diagram below.

Drill or cut end of Drain Boss to allow draining

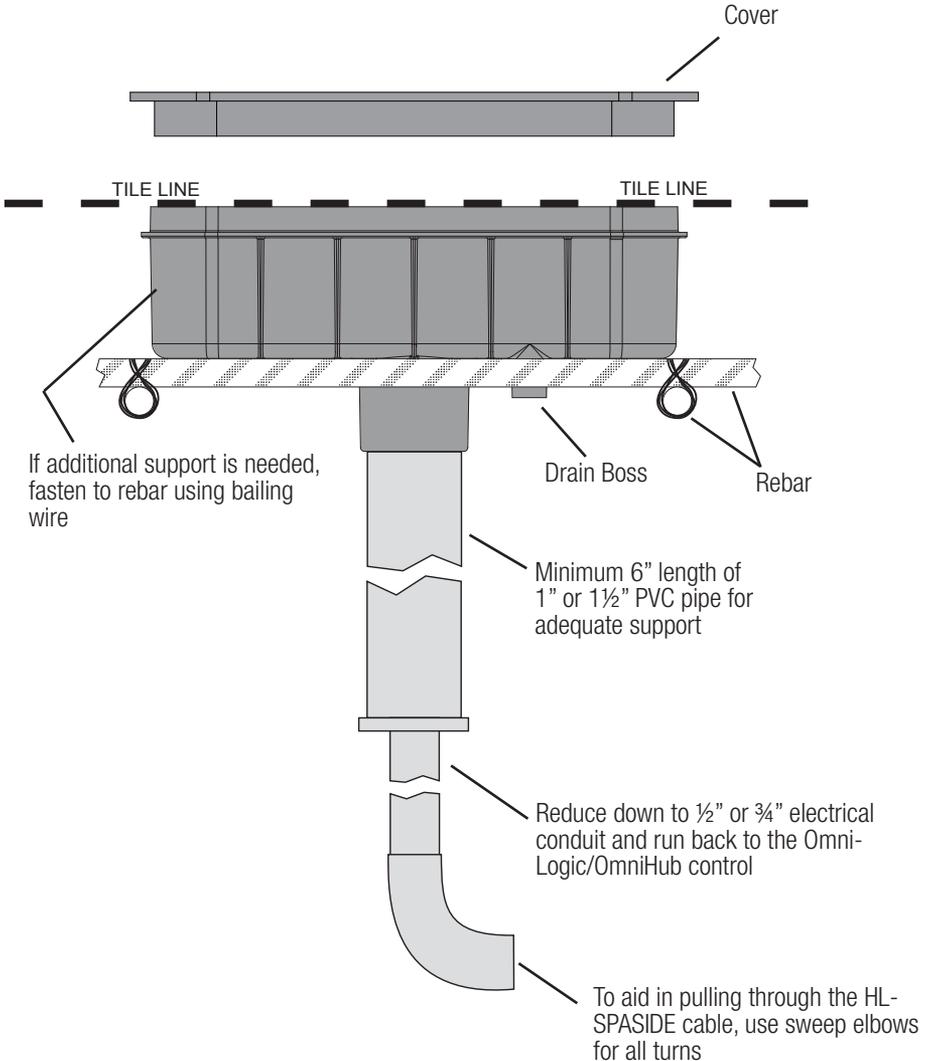½" I.D. drain hose for vertical mounting

2. Install a minimum 6" piece of 1" or 1½" PVC pipe for mounting support and also to accommodate the HLSPASIDE cable. Reduce the pipe to ½" or ¾" electrical conduit and run back to the OmniLogic/OmniHub, using sweep elbows for any turns in the run. See the diagram on the following page.
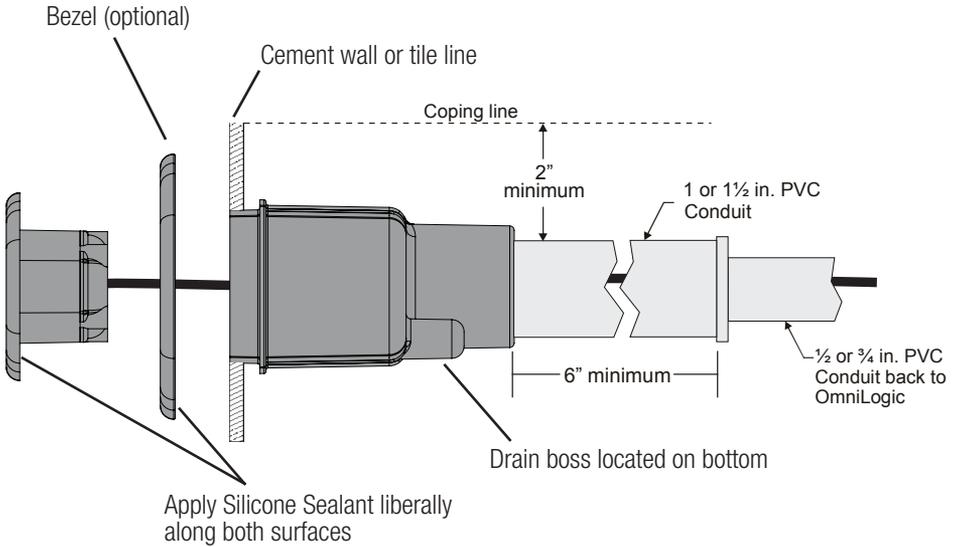
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3. Depending on the application, you may want to further secure the mud box by fastening the mud box to nearby rebar using bailing wire. See the diagram on the following page. Be sure that the mud box face is flush or no more than ¼" underflush to the proposed tile line.

4. With the HLMUDBOX secure and in place, install the plastic cover to prevent cement from entering the mud box.

5. Pour concrete and allow to cure. Remove cover.

Cover

TILE LINE   TILE LINE

If additional support is needed, fasten to rebar using bailing wire

Drain Boss

Rebar

Minimum 6" length of 1" or 1½" PVC pipe for adequate support

Reduce down to ½" or ¾" electrical conduit and run back to the Omni-Logic/OmniHub control

To aid in pulling through the HL-SPASIDE cable, use sweep elbows for all turns

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7. Thread cable through the bezel (if used) and run cable end through the conduit back to the OmniLogic/OmniHub.

8. Refer to HLSPASIDE installations instructions.

Bezel (optional)

Cement wall or tile line

Coping line

2" minimum

1 or 1½ in. PVC Conduit

½ or ¾ in. PVC Conduit back to OmniLogic

6" minimum

Drain boss located on bottom

Apply Silicone Sealant liberally along both surfaces

For further information or consumer technical support, visit our website at **www.hayward.com**

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