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DalWEIR INSTALLATION INSTRUCTIONS

Read Carefully BEFORE Installation

Installation Note: Modifying or altering Wall Weir unit or grate covering without the written consent of Daldorado LLC will void the manufacturer's 10-year warranty.

Product Numbers: DalWEIR-ST (straight)
DalWEIR-RAD (radius)
DalWEIR-CMP (composition)

DalWEIR: Daldorado Wall Weir

The Wall Weir unit is corrosive resistant, non-conductive, non-magnetic, and does not require bonding. The unit is constructed of PVC board in lengths of up to 8'-0" (2430mm) and is mechanically fastened and structurally bonded together. Each weir is supplied with internal supports for strengthening over the length of the weir. Stainless-steel mesh mounted to the lower front face to provide a surface for the application of pool finish material. PVC tabs are mounted at the ends and rear, at the top and bottom, to allow the contractors to stabilize the Wall Weir in place prior to concrete application.

DalWIER Grate:

Grate is parallel radius grate formed of molded PVC certified to NSF/ANSI/CNN 50 2020, and has modular interlocking sections, and is UV stabilized. Grate openings do not exceed 0.315" (8mm) and comply with IBC finger and toe entrapment guidelines. The grate runs parallel to the pool wall and provide 40% open area for unrestricted flow. Grate must be installed using only the 316-SS screws and clips, provided by Daldorado.

Installation:

1. Carefully unpack Wall Weir unit from shipping packaging.
2. Position Wall Weir unit with the grate opening at the top of the unit and facing the water side of the pool wall. Keep the taped grate in place to protect the interior of the unit during construction.
 - a. **Poured-in-Place:** Frame out the formwork to the wall weir dimensions in preparation for the concrete pour as per the design construction documents. After removal of formwork the Wall Weir unit must be anchored and leveled in place using the PVC tabs and a non-shrink grout or similar product, as specified and detailed in the design construction documents.
 - b. **Shotcrete:** Temporarily support, level, and secure the Wall Weir unit by use of construction material, such as pool wall rebar steel cage, concrete dobbies, etc.

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Ensure access all around the wall weir unit for complete concrete shotcrete coverage during application and as specified in the construction documents.

3. Factory Installed PVC tabs with pre-drilled holes are to be used to anchor and secure the unit in place.
4. The Wall Weir unit must be positioned in the pool wall as detailed on the pool construction documents.
5. Protect the front face of the Wall Weir unit during concrete application and throughout the construction period.

Note: Concrete application must be applied around the unit as per the project construction design document details, and as described in the project concrete specification documents.

Grate:

Prepare Wall Weir unit by cleaning off construction debris from any exposed surfaces, both inside and outside of the Wall Weir unit following completion of concrete and pool finish applications, and immediately prior to pool water filling (not before).

Un-pack and clean off grate. Verify manufacturer (Daldorado) supplied hardware, for required quantity.

6. Secure the grate cover across the Wall Weir unit using the 316-SS screws and clips provided by Daldorado. No others are permitted.

Note: *The Wall Weir unit must be positioned and installed in accordance with the project design construction document details and specifications. Non-shrink grout, compressible water stop, and other related construction materials are to be applied in accordance with the project design construction document details.*

Cleaning and Maintenance:

To keep the Wall Weir unit and grate looking new, the unit and grate must be maintained free of debris. A mild detergent with water and a brush will keep stains from occurring. DO NOT acid wash with harsh chemicals.

Remember to regularly inspect the fasteners to ensure that the grate is properly secured to the Wall Weir unit, under all circumstances, to avoid any possible injuries.

Only hardware provided by Daldorado is permitted to be used to secure the grate to the Wall Weir unit. No other hardware is permitted.

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For Inquiries or Assistance please call: (888)-509-8128