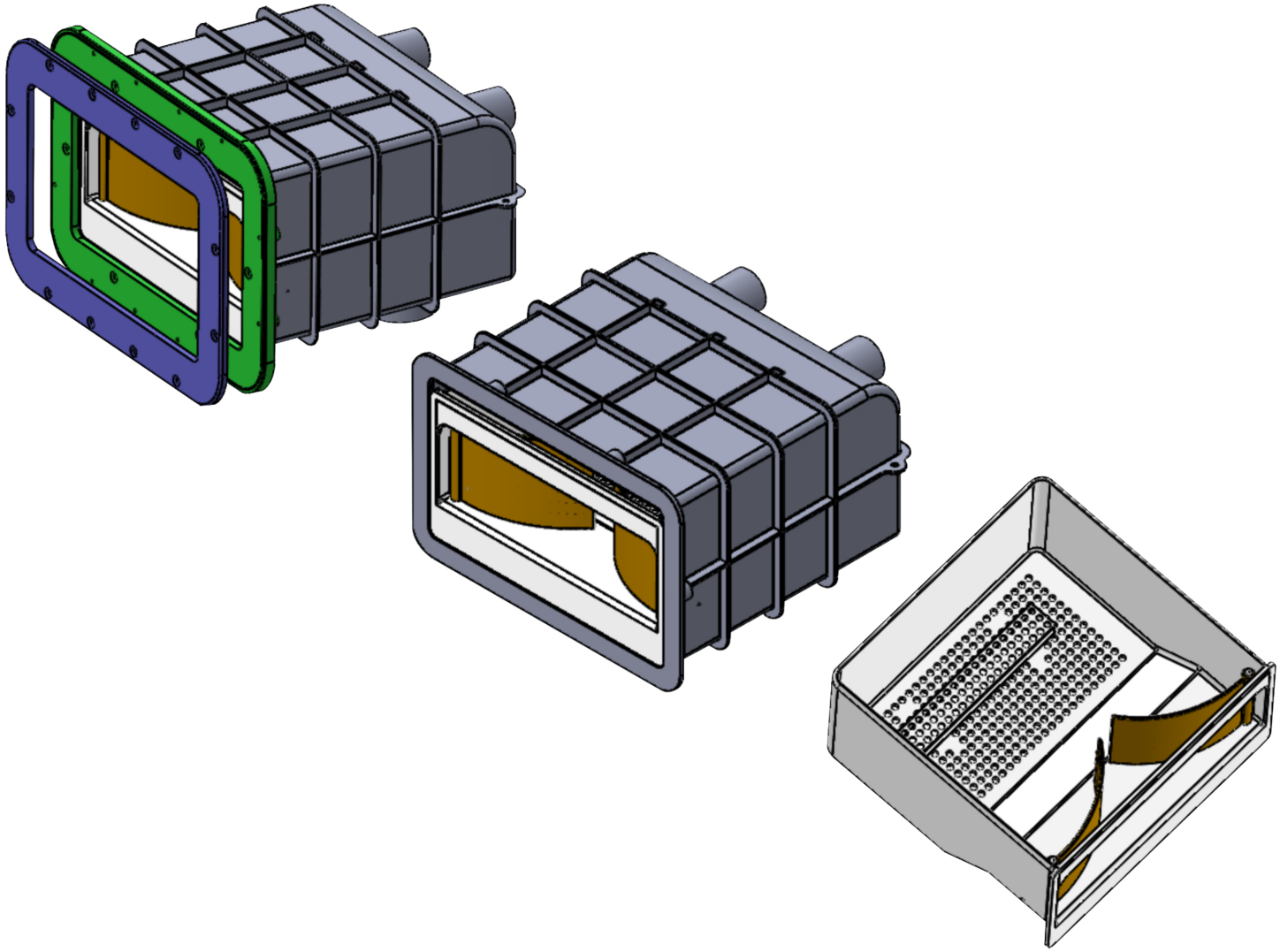
Consolidated Manufacturing International

Surface Suction Skimmer

Installation & Operation Manual



This manual contains *necessary safety information*. Reading carefully is *extremely important*.

Warning and Safety Instructions



-Installers, pool operators, and pool owners must read all warning and safety instructions before attempting to use this product.



-Emergent bodily injury or even death can occur if this product is not installed and used as is intended.



-If a main drain is included within your pool system, all equipment must be plumbed separately.



-Improper installation or use of this product may present a risk of body or hair entrapment and drowning. Installation should only occur in accordance to these instructions provided. Use only the components provided and materials in accordance with this manual. Failure to follow this manual and/or use of components not intended for use by/not provided by Consolidated Manufacturing International may result in inproper positioning/functioning and may cause severe bodily injury or death.

Everyday Operation



-Regular inspection of skimmer and components is necessary for damages, cracks, and severe weathering. If the skimmer/components are in any way broken, cracked, or missing, close the pool or spa immediately and keep closed until a full repair can be managed. Skimmer/components may experience deterioration due to harsh factors; such as pool chemicals and exposure to sunlight. Skimmer/components must be replaced every 7 years, or earlier if damge occurs in any way.

Skimmer Installation

Everyday Operation

Water passes through the weir door, into the basket and to the pool pump. Flush mounting the skimmer at or near the tile line allows easy debris removal from the front of the skimmer with a net. Slide the latch at the top of the removable weir basket, and pull straight out from the tile line towards the pool. Empty basket and slide back into place. Keep in mind the basket will remain in place without the use of the optional latch at the top.

Adjusting the Skimmer Flow

Moderate adjustment can be made with a REV-3PV 3-Port Valve, offered by CMI.

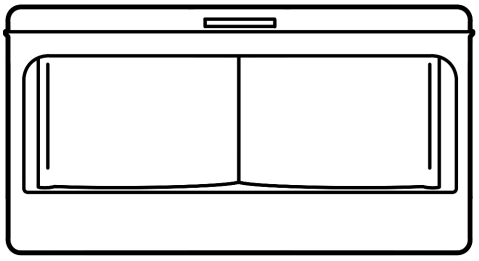
Multiple Skimmers

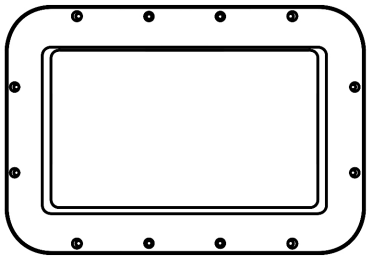
Best use of CMI's REV-SKMR is with dual skimmer locations.

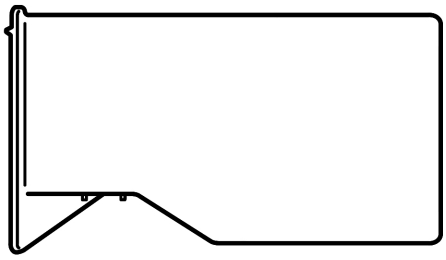
Low Water Levels

Water-level control is best to be used with the skimmer.

Replacement Parts







Skimmer Installation

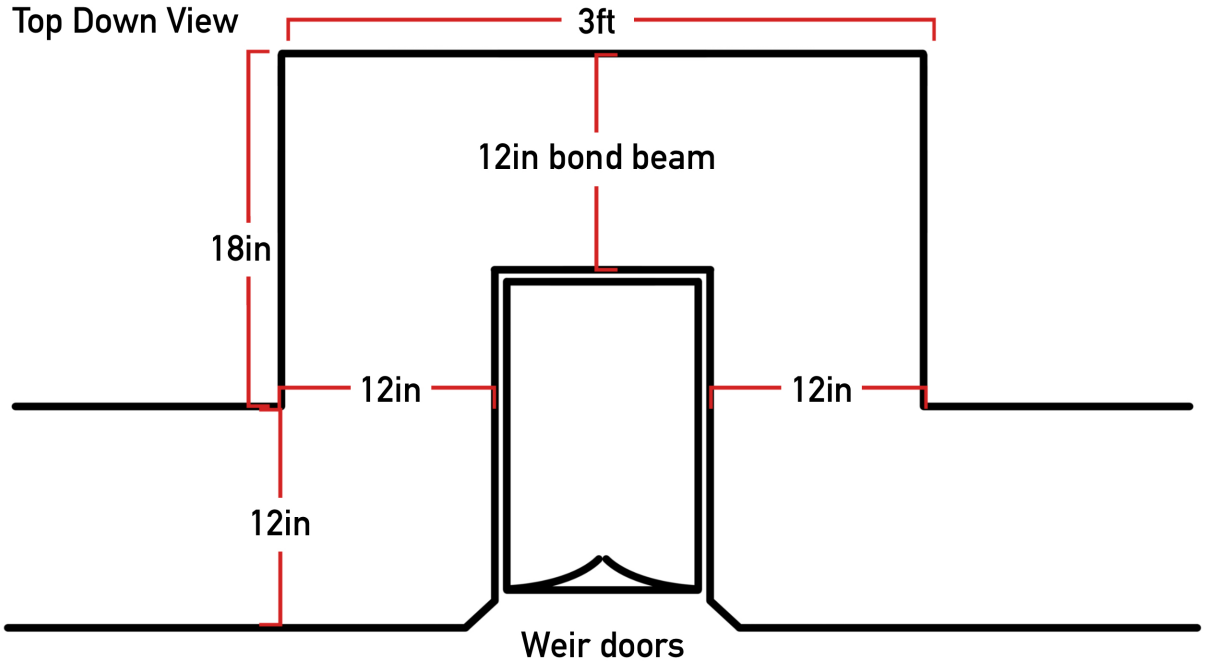
The REV- SKMR skimmer requires no deck lid. This eliminates any danger from an open or broken deck lid, and reduces labor for cleaning the basket. It is not meant to be used with a suction side cleaner.

The skimmer design also allows for a a continuous structural bond beam box around the skimmer. Simply build a rebar box to position the skimmer prior to pouring concrete as drawn in the diagram.

CMI recommends two skimmers per pool, with one port plumbed to the suction line back to equipment pad with a 3-port valve for moderate flow adjustment, and a 1.5" line on the other port plumbed to the other skimmer suction line, which equalized the pressure and complies with VGB Act.

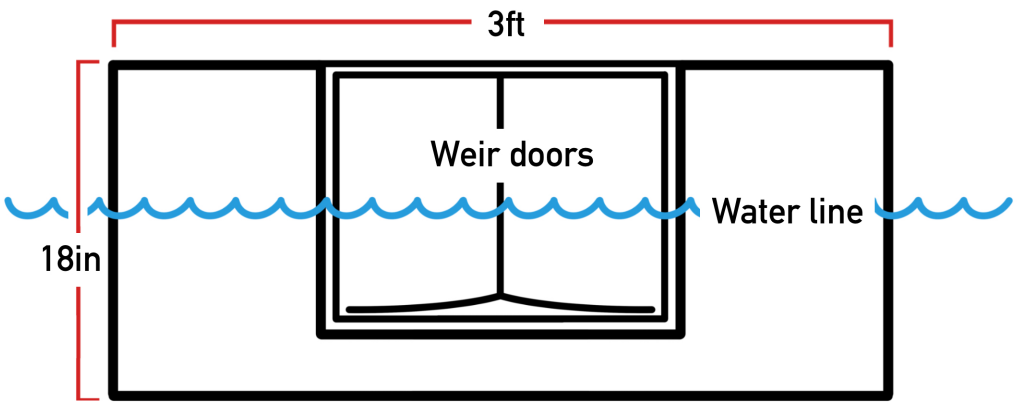
Also, CMI recommends returns mounted approximately 18in above the floor of the pool, requiring no main drain. This will ensure proper circulation for chemical and heat distribution.

Top Down View

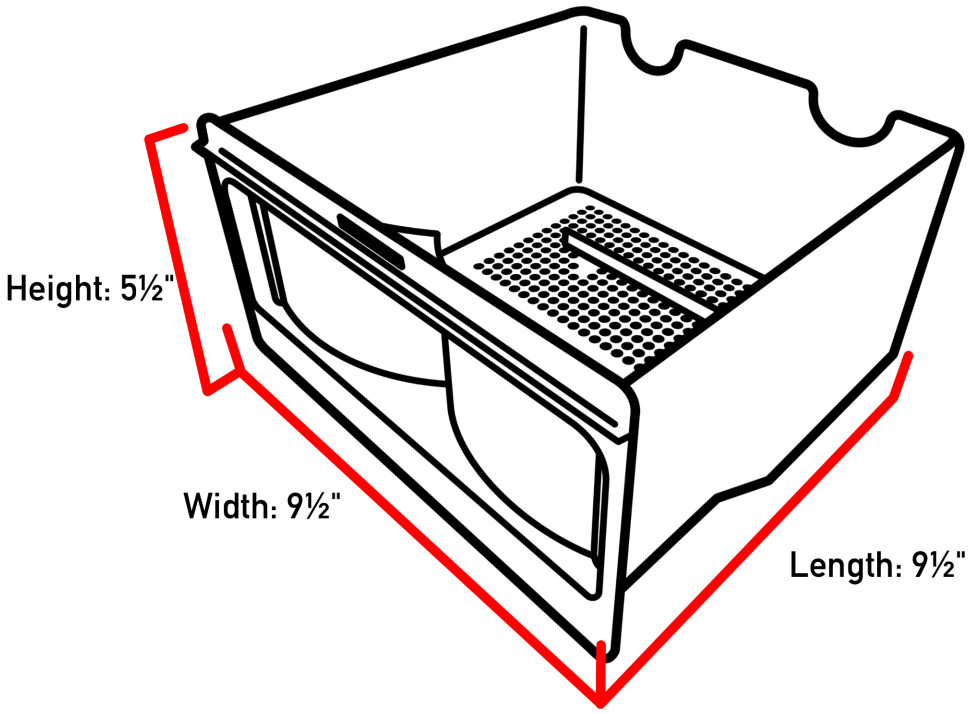


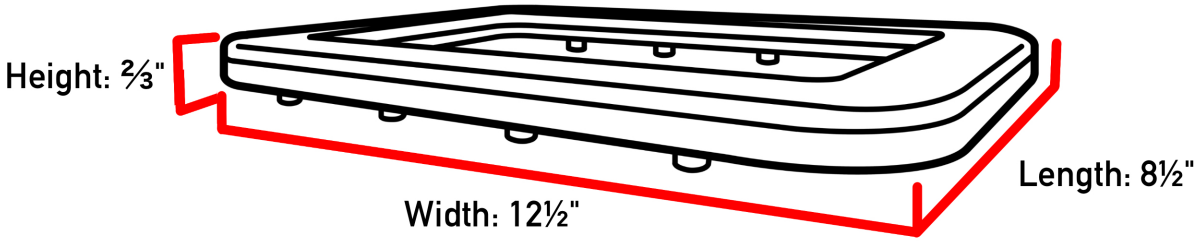
Side View

*Not to scale



Skimmer Dimensions





Parts List