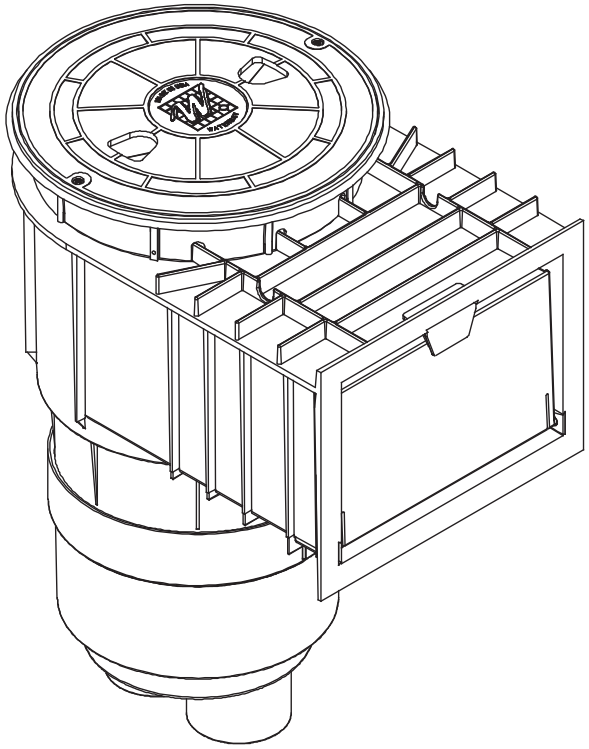
RENEGADE GUNITE SKIMMER OPERATING INSTRUCTIONS

Public Pool Skimmer - Model 540-6200



Maximum Flow Rate: 75gpm

NORMAL OPERATION

Water passes over the weir door, down through the basket and float valve assembly to the pump. The trimmer plate on the float valve assembly or the diverter plate are both open.

ADJUSTING THE SKIMMER FLOW

If the skimmer flow is too fast due to excessive flow rate from the pump, either rotate the float valve trimmer plate or the diverter plate over the port to the pump until required flow is achieved.

VACUUM/BRUSHING THE POOL

To vacuum the pool, first remove the float valve, then close the diverter plate over the main drain. Install the vacuum plate above the basket and connect the vacuum hose to the vacuum plate to proceed with the brushing operation.

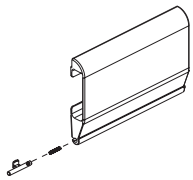
MULTIPLE SKIMMERS

Rotate the diverter plate at the bottom of the skimmer over the pump port to restrict the flow and balance the flow from each skimmer.

LOW WATER LEVELS

When the water level drops below the weir door, water will no longer flow from the pool through the upper part of the skimmer. The pump will evacuate the remaining water from the skimmer causing the float valve to close and water will flow from the main drain only, or until the water level is increased. The same can occur when and if the basket gets filled with leaves and debris.

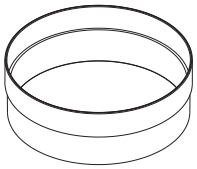
RENEGADE GUNITE SKIMMER REPLACEMENT PARTS



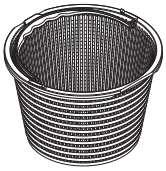
Replacement Weir Door

550-9950	White
550-9951	Black
550-9957	Gray
550-9959-DKG	Dark Gray
550-9959-BEI	Beige

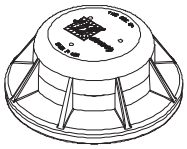
(bagged individually)



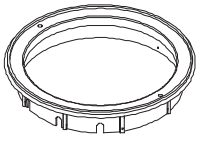
Extension Ring
519-6570 White



Skimmer Basket
542-3240 White

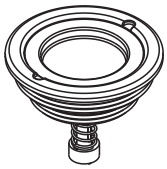


Float Valve Assembly
542-6200 White

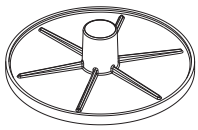


Mounting Ring

519-6420	White
519-6427	Gray
519-6429-BEI	Beige



Equalizer Valve
540-6010



Vacuum Plate
519-6480



Lid Assembly

540-7800WW-10	White
540-7801WW-10	Black
540-7807WW-10	Gray
540-7808WW-10	Clear
540-7809WW-B10	Beige
540-7809WW-D10	Dark Gray



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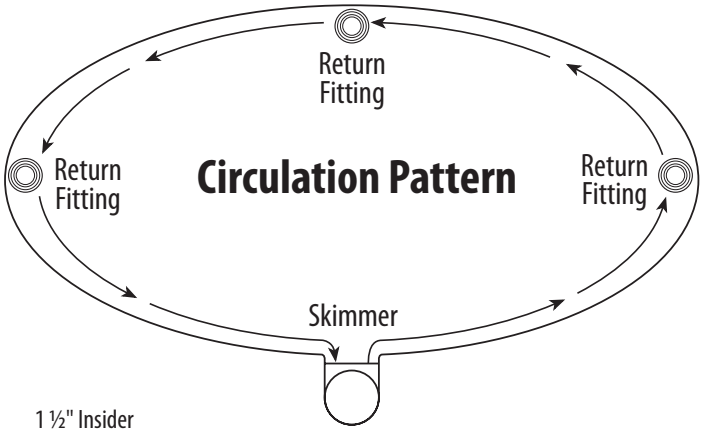
2200 East Sturgis Road, Oxnard CA 93030 • Phone 805.981.0262 • Fax 805.981.9403
www.waterwayplastics.com • waterway@waterwayplastics.com

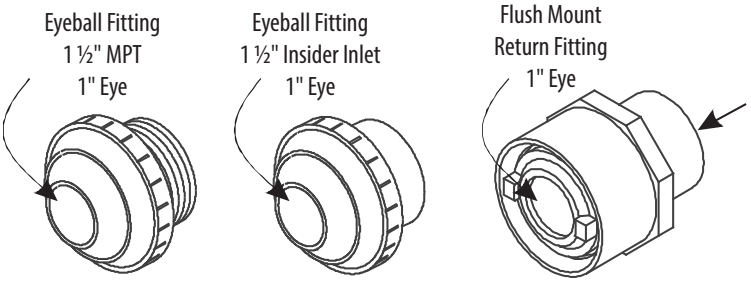
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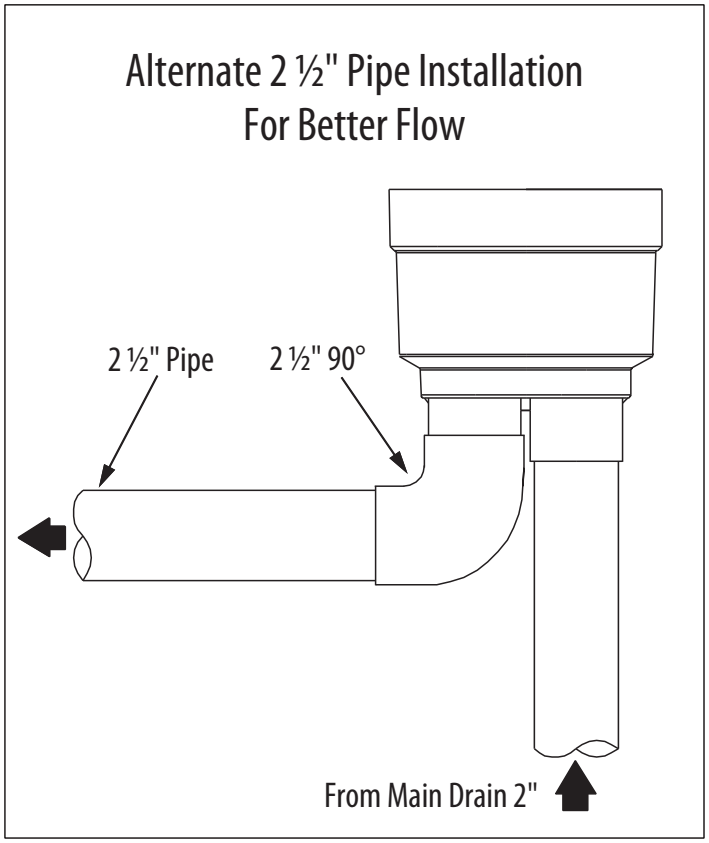
SKIMMER INSTALLATION

For the Skimmer to work most effectively, it must be positioned pertinent to the prevailing wind and drift, the pool shape, and the water circulation pattern. The function of directional inlet fittings will ensure the appropriate circulation pattern. See diagrams.

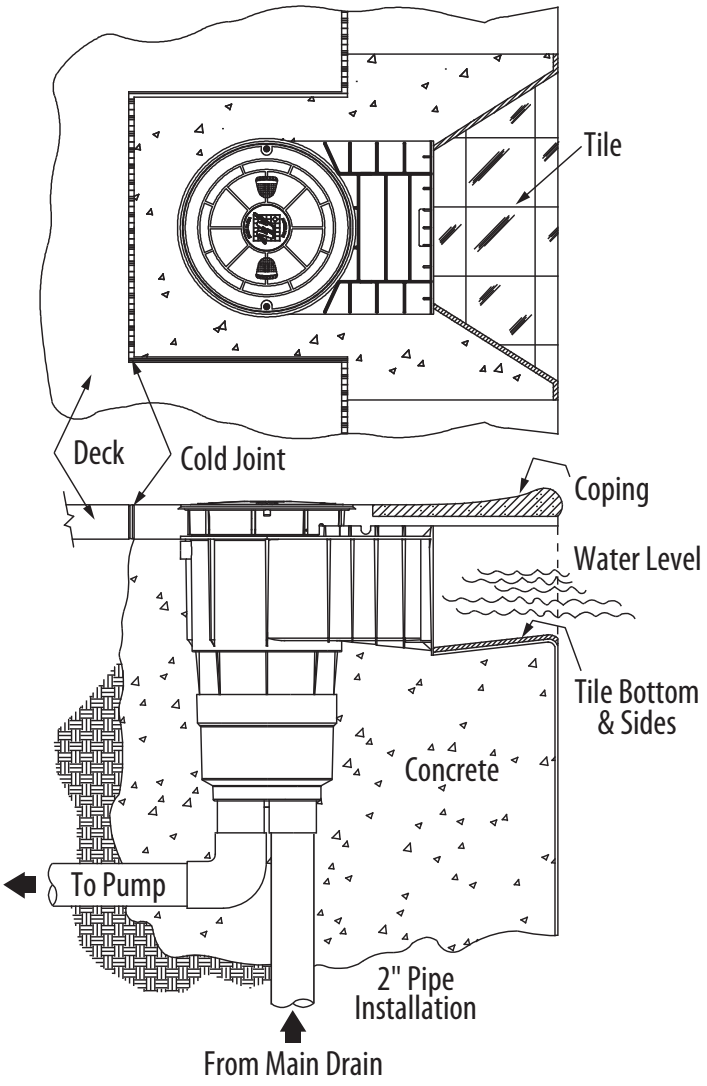




*Size suction pipe based on design flow rate such that the water velocity inside the pipe shall not exceed six feet per second



For 1 ½" or FPT Skimmer (2" Spigot) best results are 1 ½" pipe to drain and 2" 90° for pump.

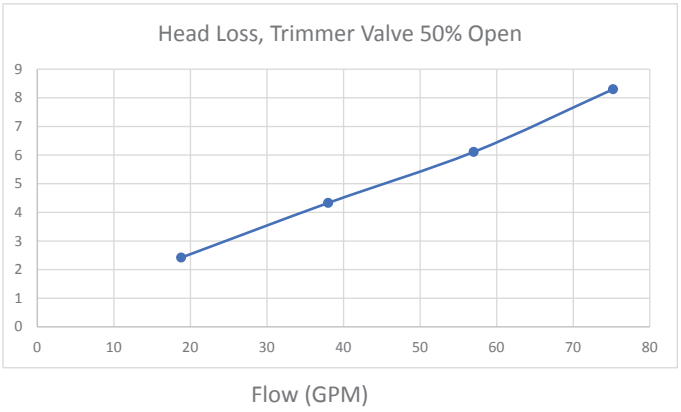


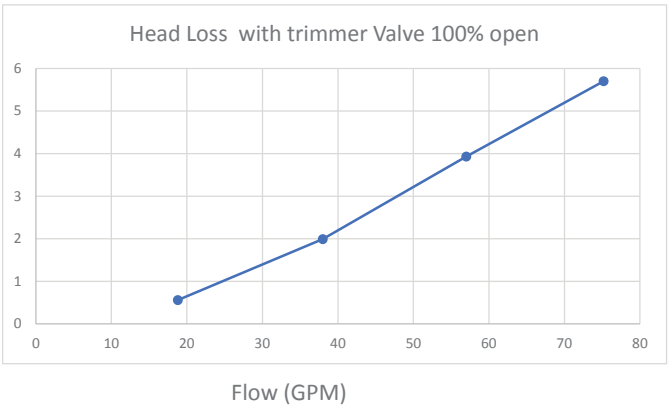
©2025 Waterway Plastics

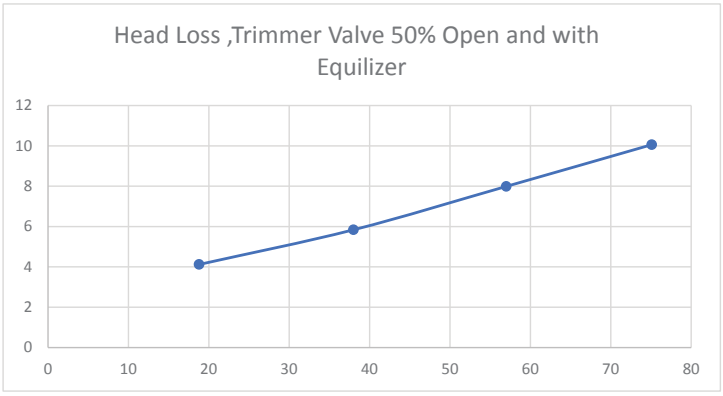
WARNING

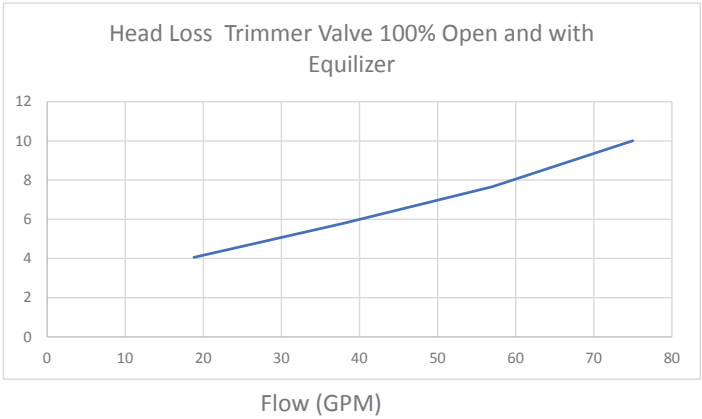
Hazardous suction, risk of hair entrapment, drowning or disembowelment

For the Skimmer to work most effectively, it must be positioned pertinent to the prevailing wind and drift, the pool shape, and the water circulation pattern. The function of directional inlet fittings will ensure the appropriate circulation pattern. See diagrams.







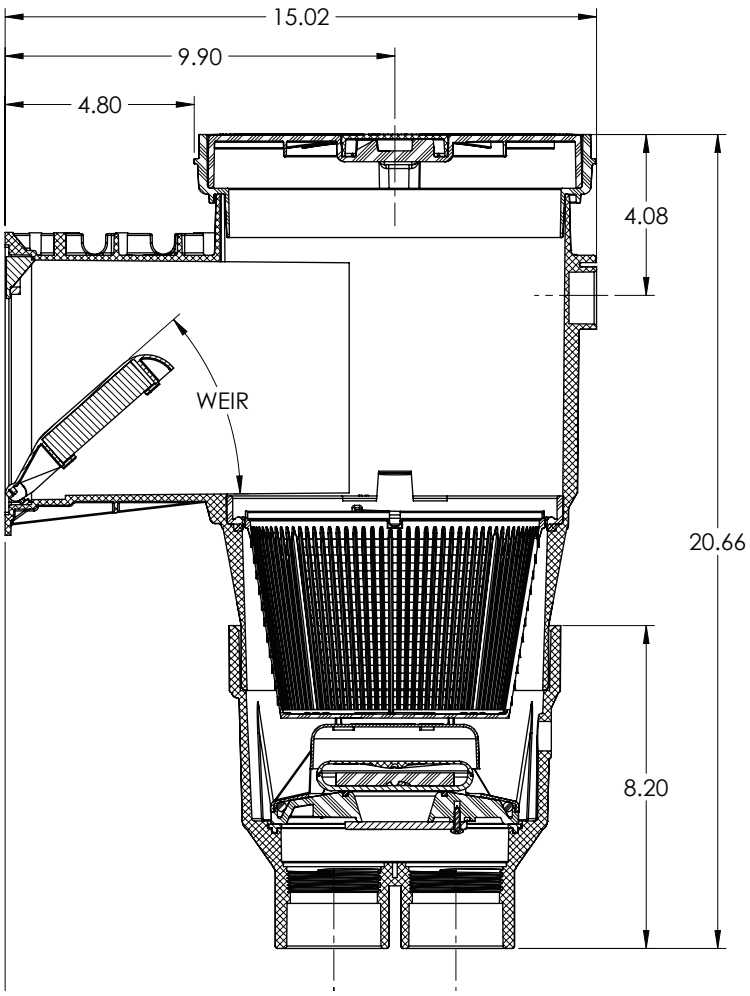


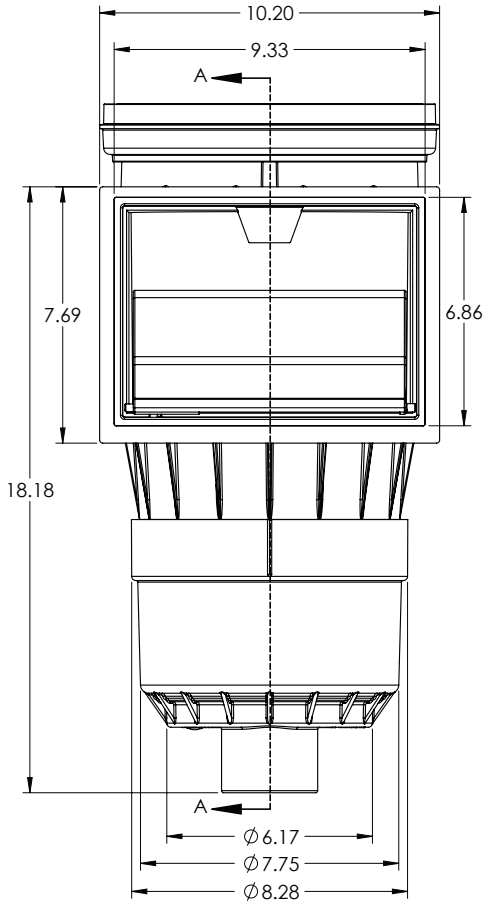
When an equalizer is used, the opening in the pool shall be protected by a VGBA compliant drain cover for 100gpm or greater.

NOTE: Skimmer is not equivalent to a main drain. If not using a single unblockable drain. All pools, spas and hot tubs must have at least two main drains besides skimmers or a single unblockable drain.

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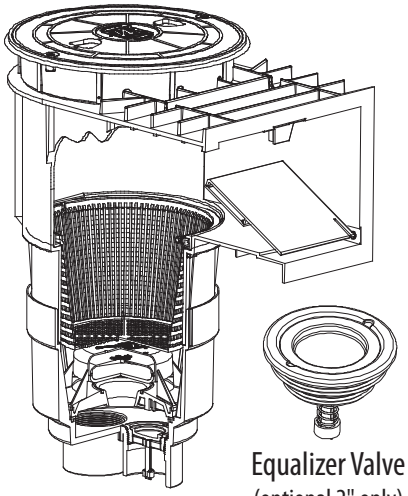
SKIMMER DIMENSIONS

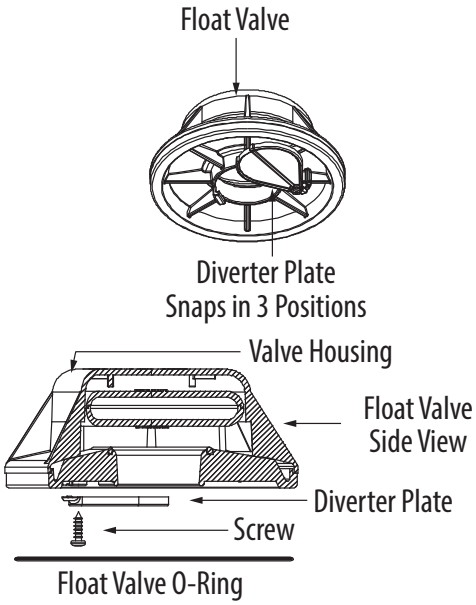




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SKIMMER WITH FLOAT VALVE & EQUALIZER VALVE





Equalizer Check Valve Assembly screws into the main drain port and is used in conjunction with the Float Valve Assembly. If the water level drops below the skimmer opening, or the skimmer flow is obstructed, the float will automatically snap shut and the equalizer valve will open. This diverts all flow to the pump from the equalizer line and prevents airlock in the pump. The flow is balanced by the diverter plate located under the float valve assembly. When the pump is off, and the water level condition is corrected, the float valve will rise and the equalizer valve will open, allowing normal skimming operation when the pump is restarted.

*For applications when equalizers are not used. In order to disable the equalizer, remove the equalizer valve and plug the port with 2" PVC NPT plug.

TO VACUUM:

Select one convenient skimmer and remove the cover and Float Valve Assembly. Place the vacuum plate on the basket. Fill the vacuum hose with water and insert over the hose adapter. Throttle down the flow from the other skimmer(s) until desired suction is obtained through vacuum.

Replace damaged or worn weir, strainer basket skimmer lid, clean strainer as needed.

TO WINTERIZE:

Drain the pool to below skimmer inlet . Plug bottom ports, remove cover, gasket and float. Cover skimmer to prevent rain or snow intrusion and possible freeze.

Warning: Low water level can make it difficult to exit pool and may damage pump or other pool equipment. You must check your local code as some require equalizer line, other do not allow then and others leave it to the pool designer. When equalizer line is used the cover inside the pool must be VGBA compliant and have a flow rating higher than the skimmer flow rating.

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MAINTENANCE

- Replace damage or worn weirs.
- Check for free swing movement on a regular basis.
- Periodically empty the strainer basket.
- Check the skimmer lid for cracks, chips and deterioration of plastic. Replace worn, cracked or damaged lids.

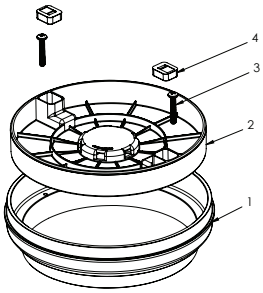
WARRANTY

For product registration visit: www.waterwayplastics.com.
For Warranty questions or claims please contact point of purchase.

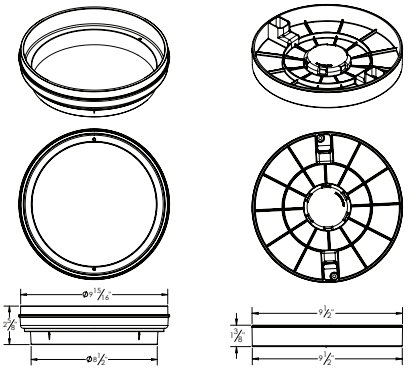
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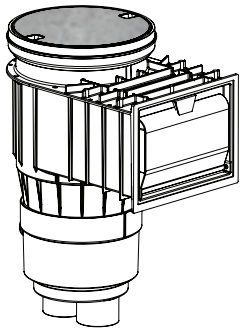
10" Reversible Lid for Skimmers and Autofillers Instructions

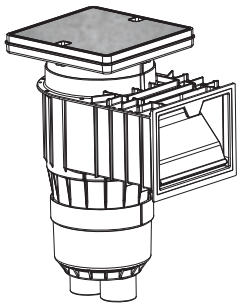
Read, then keep these instructions for future reference.
For more instructions, please consult your local building codes.



1. **Frame**
2. **Reversible Lid**
3. **Screws**
4. **Plaster Shields**

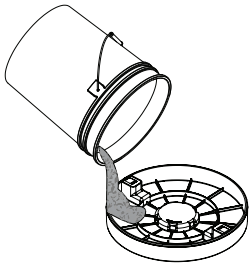






Fits all Waterway skimmers and autofillers and most standard skimmers (Aqua star®, Hayward®, CMP®, Sta-rite® & Pentair®)

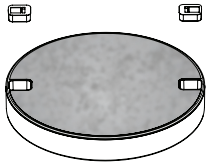
Read and follow all instructions



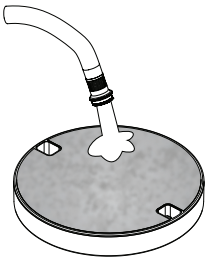
1. Insert supplied plaster shields. Pour the desired material into the fillable side of the lid.



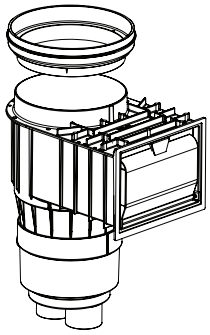
2. Agitate to settle and remove air bubbles in the material.



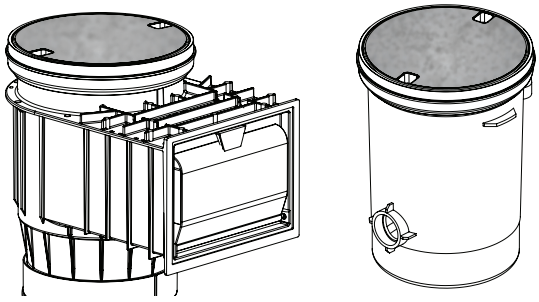
3. Remove plaster shields.



4. Gently wash to clean excess material from the lid, then let dry.



5. Place frame on skimmer and set to desired elevation and level.



6. Install and secure lid to the frame with provided screws.

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