

THE INSTRUMENT · TECHNICAL BROCHURE

The TankCalmTM *180-gallon.*

A twelve-point engineering system quietly hidden inside every TankCalmTM install. The elegance you see in the room is possible because of what happens behind it.



FACTORY · THE 180-GALLON TANK & STAND · 3/4 FRONT

The tank & its architecture.

MULTIPLE PRODUCT
ADVANTAGES

Clearview Series

Silent Design | Ultra-clear Glass | Wet-Dry Separation |

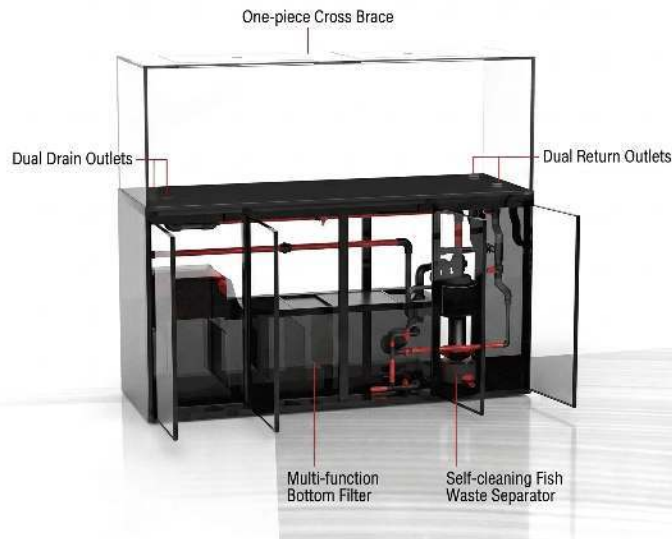


WET AND DRY SEPARATION
BOTTOM FILTER TANK

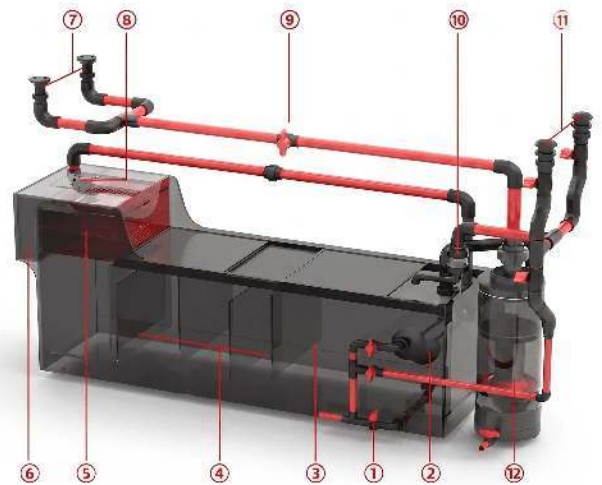


Wet-Dry Separation Bottom Filter

Professional-grade Sump with semi-transparent dark glass design



CLEARVIEW SERIES · PRODUCT ADVANTAGES



WET-DRY SEPARATION · TWELVE NUMBERED
POINTS



FACTORY · FILL TEST · ULTRA-CLEAR GLASS & BRACE

Twelve quiet decisions that *make the calm possible*.

01 Sump Drain Valve

Open to drain the sump directly for easy bottom-filter cleaning.

02 Mechanical Float Valve

Automatically maintains water level using a float mechanism, preventing pump dry burn.

03 Return Pump Chamber

Houses the return pump — the heart of the system's water circulation.

04 Biological Filter Chamber

Holds biological media that cultivates beneficial bacteria for natural water quality.

05 Mechanical Filtration Tray

Rain-shower style water distribution for mechanical filtration of fish waste, with reduced noise.

06 Sedimentation Chamber

Slows water flow into the filter, reduces noise, and collects waste at the bottom.

07 Drain Pipes

Dual drain pipes with multi-angle flow, preventing waste buildup in tank corners.

08 Cleaning Access Port

Chamfered opening for easy cleaning of the sedimentation chamber and rain-shower tray.

09 Flow Control Valve

Adjusts drain flow rate, controls overflow box water level, and reduces noise.

10 Return Check Valve

Prevents back-siphon during power outages, protecting the sump from overflow.

11 Return Pipes

Dual return outlets with individual valves for adjustable flow direction.

12 Fish Waste Separator

Pre-filters large fish waste with independent bottom drain, reducing filter media wear.

NOTE: THE NUMBER OF BIOLOGICAL FILTER CHAMBER SECTIONS AND PIPE LENGTHS MAY VARY SLIGHTLY BY TANK SIZE.

DISCUSFARMERSTM · SAFETY HARBOR

TANKCALM.COM · CONTACT@DISCUSFARMERS.COM