

OPERATIONS MANUAL
for
SLICKBAR CIRCULAR WEIR,
24" IN-TANK SKIMMER

Drawing Number 11D5054
Part Number SKIMCIRWIR24

The Circular Weir Skimmer is constructed of stainless steel throughout, and consists of a circular pan 24 inches in diameter supported with its upper edge just below the water's surface (approximately 1/2 inch) by four cylindrical floats independently adjustable for height by hex head nuts engaging threaded rods. All liquid and debris passing over the weir drain from the skimmer through a 3 inch diameter flexible hose to the customer's flanged fitting in the tank wall. The skimmer pan edge (the weir) depth is adjusted by setting the depth of the floats with the hex head nuts. Strain to bend the hose will cause the weir to "dip" to one side if all floats are adjusted to equal depth. They should be readjusted to compensate for this tilt, and further adjusted to keep the weir close to "level" as the hose "breaks in" and takes a set. (permanent deflection)

Initial float adjustments should be made with the valve closed and the skimmer pan and hose full of water. The valve is opened until the desired flow rate is attained, final float adjustment is made, and all hex head nuts tightened.

Should floating debris clog the pan's rim, the valve may be opened wide for a short time allowing the increased flow to wash the debris through the hose. If the skimmer is in an open tank, it can be pushed up and down with a pole to clear any debris clogging flow at the weir.

Do not hesitate to consult the factory should problems occur that have not been addressed above. We want customers to be fully satisfied with all Slickbar Products.

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