

# Shallow Water Pumping Solution

**SKIMMER™**



Our unique design allows operation in shallow ponds, ditches and canals while protecting the suction head from debris. The self-clearing mechanism reduces unwanted material in the lines, protecting pumps and equipment while making greater use of available water sources. The screen also makes the unit environmentally friendly by protecting aquatic life.

The Skimmer™ is a complete package that is powered by discharge pressure of the low head pump. Units are built for job-site use, featuring lifting eyes built into the enclosing frame and quick connects on date different suction hose sizes.



**For Pricing And Availability Contact Our Sales Team at 1-855-955-CCIS (2247)**

# Unique Patented Design



The Skimmer will pull full pump suction in as little as one (1) foot of water, without vortexing. The patented design keeps your suction hose off the bottom, preventing sand, rocks, and other debris from clogging suction line or pumps.

## TYPICAL FLOW RATES

HOSE	GPM
6"	100 - 1700
8"	600 - 2600
10"	600 - 3500
12"	600 - 4000

DIMENSIONS	
LENGTH:	120" (308.4cm)
WIDTH:	96" (243.8cm)
HEIGHT:	45" (114.3cm)
WEIGHT:	590 lbs. (267.6kg)

## Start-Up Instructions

Ensure skimmer is level in the water. (Long runs of hose may require hose floatation pontoon.)  
 From the pump mounted Control Valve & Hose Bibs. Attach small pump control hose to small connection on skimmer.

Attach larger hose to matching control connection at skimmer. Ensure that the pump suction hoses have gaskets and all suction connections fit square & tight. Ensure that pump drain valves & the skimmer hoses control valves are closed.

If Skimmer control valves (at the pump) remain open, air will be pulled from atmosphere (at the skimmer) & prevent priming. If using a Venturi air Prime pump allow about 45 seconds to one minute to vacate air from the pump suction hose to prime pump.

After pump is operating & primed/ open valves to skimmer hoses & monitor the flow until the small hose will spray drum internals; The larger hose will drive drum rotation. Ensure that water force from external spray bar on top of drum hits the angels on the drum screen. Adjust as needed to maximize rotation of drum.

If using a standard centrifugal Pump (non self Primer) / The best option is to flood the suction hose w/ a small contractor pump for initial prime; Thereafter the line will remain full of water as the skimmer is fitting with check valves.

Drum may not turn against a swift river current. Rotate spray bar to opposite direction and turn drum with the current. If "pump won't prime" make sure valve at controller on pump discharge is closed when starting / until pump is primed / or air will be pulled through the spray bars preventing vacuum & priming.