



cleanTech

FILTER MEDIA

REPLACES SAND IN YOUR EXISTING FILTER TANK



**MADE IN
THE USA**



**SUPERIOR
PROTECTION**



**100X LIGHTER
THAN SAND**



**UNSURPASSED
WATER CLARITY**

1 cu. ft. media

HII **HOLLOWELL
INDUSTRIES**
INCORPORATED

10 micron filtration rate

CLEANTECH WATER FILTRATION HAS ARRIVED!

Pool & Spa Water Filtration

- Superior water clarification.
- Rated to 10 micron up to 95% removal first pass. Better than sand!
- Use your existing sand filter housing.
- Health and Safety Certified in the U.S. and Canada.

Lightweight

- 100x lighter than #20 filter sand.
- One lightweight bag of CleanTech filter media replaces two 50 lb bags of #20 filter sand.

Saves Money

- CleanTech filter media costs less than premium filter sands.
- Save over 70% on your energy bill when using variable speed pumps.
- Save on shipping.
- Save time and effort on service, less mess.
- Gain increased flow from lower pump settings which leads to saving electricity!

Improves Operations

- Back-washable and long lasting.
- Much lower operating pressure.
- Longer life on pump and pool systems.

Better for the Environment

- 100% recyclable and green!
- Reduction in operating pressure reduces energy usage.

**For every pool converted to CleanTech filter media, it is like removing one fossil fueled car from the road forever.*



Sand Filter Tank

PROCEDURES FOR CONDITIONING CLEANTECH FILTER MEDIA FOR FIRST TIME USE:

Directions for start-up (empty tank, system off):

1. Remove filter sand (if current vessel has sand in it).
2. Clean the sand particles that might be jammed in the lower underdrain laterals.
3. Add CleanTech to tank (they are soft and can be pressed down when filling).
4. Replace control valve or tank lid and backwash the new media for 2 minutes, then rinse for 2 minutes, then backwash for 2 minutes.
5. Set to filter mode.
6. Backwash again when pressure increases by 5 PSI, or every 30 days - whichever comes first.

HOW TO GUIDE



VERY IMPORTANT INFORMATION, PLEASE READ BEFORE PROCEEDING

Engineered to work with
Doughboy underdrains
(*see #4 below)



Recommended for use
in underdrains that use
laterals for effective use
of the filtration media



SAND FILTER MODEL	SAND QUANTITY	CLEANTECH MEDIA BAG QUANTITY
AquaView 24", HP 23" MM 2200, Ranger 25"	250-300 lbs	3 bags
AquaView 20", HP 19" MM 1900, Ranger 21", Silica II	150-200 lbs	2 bags
AquaView 17", HP 16", Silica I	*100 lbs	1 bag

1. CleanTech are for use in housings rated at 300 pounds of #20 filter sand or less.
2. Minimum bed depth of 12" above the underdrain or laterals, (see above) being sure to leave about 4 to 6 inches of open space above the media for proper backwashing.
3. Consult your CleanTech sizing chart above as well as the guideline in #2 above. If in doubt, extra Cleantech media will only add to the dirt holding capacity. (*Extra tip! - Add a handful of Cleantech media to your skimmer basket as a pre-filter).
4. CleanTech performance is not warranted in sand housings rated under 150 pounds of #20 filter sand. Many pump filter combos in this range are not hydraulically balanced. *A 2 speed or variable speed pump is the exception. Please consult with your HII authorized dealer.