



Entipur® TCS Coconut Shell Carbon

The Entipur® TCS Coconut Shell Carbon Removes Bad Taste, Chlorine, Chloramine, Odor and V.O.C.'s

Benefits of Carbon Filtration:

- Carbon filtration effectively reduces the objectionable taste and odors of chlorine while adding nothing to your water
- Effective removal of volatile organic compounds (VOC's) including methane, industrial solvents, petroleum and MTBE
- Coconut shell carbon is considered a renewable resource and is far more environmentally friendly when compared to Bituminous Coal carbon, which is not a renewable resource
- CO₂ produced by the manufacturing process is removed by the coconut trees, making it environmentally sustainable

Standard Equipment Includes:

- Entipur® Monitor™ Valve
- Bypass valve and connections sold separately (see page 4)
- High performance Coconut Shell activated carbon media
- Other Carbon options available*
- Fiberglass Mineral Tank
- Full 1" Internal Piping

Dimensions:

Model	A	B	C	D
10TCS	55	9	48	50
15TCS	61	10	54	56
20TCS	59	12	52	54
25TCS	61	13	54	56

A= Overall height in inches

B= Tank diameter in inches

C= Tank height in inches

D= Inlet height in inches

* May Require Application Engineering

Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
10TCS	1	5.0	5.0	90
15TCS	1.5	7.0	5.0	120
20TCS	2	12.0	8.0	160
25TCS	2.5	15.0	10.0	200

Removal Process:

- Organic compounds are removed primarily by absorption, while residual disinfectants such as chlorine are removed by catalytic reduction, a process involving the attraction of negatively charged contaminant ions to the positively charged activated carbon*

Application Benefits:

- Well suited for chlorine removal treatment in public water supplies.
- Standard TCS units include the Entipur® Monitor™ to regenerate on the day, time and gallons of your choice
- Filters down to 20 – 40 micron

Required Conditions:

- Backwash at 10 GPM per ft2
- Caution! When used where radon or radio nuclides are present, carbon may be a radiation hazard*

