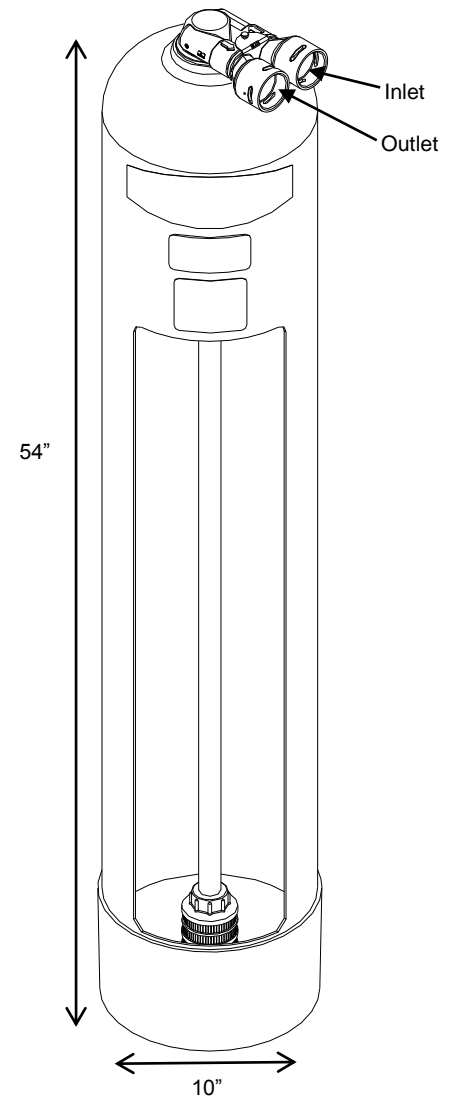


Model CRS 1100 Chloraban™

Design Specifications		
Flow Range	4.0 - 6.0 gpm	15.1 - 22.7 Lpm
Pressure Range	15 - 125 psi Dynamic Pressure	1.0 - 8.6 bar Dynamic Pressure
Temperature Range	35 - 120° F	2 - 50° C
pH Range	5 - 10 SU	
Free Chlorine Cl ₂ (Max.)	4.0 mg/L	
System Components		
Media Vessel	10" x 54"	254 mm x 1372 mm
Media Vessel Construction	Wrapped Polyethylene	
Empty Bed Volume	2.19 cubic feet	62 liters
Media Type	Chloraban™ Catalytic Activated Carbon	
Media Volume	1.40 cubic feet	39.65 liters
Total Bed Depth	36"	914 mm
Free Board	18"	457 mm
Riser Tube	1" ABS	
Upper Distributor	.010"-.013" Slots, ABS Basket	0.25-0.33 mm Slots, ABS Basket
Lower Distributor	.010-.014" Slots, ABS Basket	0.25-0.36 mm Slots, ABS Basket
Under bedding	0.14 cubic feet Gravel	3.97 liters gravel
Service Flow	Upflow	
Connections		
Inlet / Outlet Connections	1 ¼" Custom E-Clip Adapter	
Power	None	
System Part Numbers		
CRS 1100 Chloraban	16490	
Dimensions and Weight		
Height	54 in.	1372 mm
Width	10 in.	254 mm
Depth	10 in.	254 mm
Shipping Weight	123 lbs.	56 kg
Operating Weight	273 lbs.	124 kg
Estimated Media Effectiveness		
Average Flow Rate	4 gpm	15.14 Lpm
Daily Volume	180 gallons	680 Liters



Operating Profile

System shall remove monochloramine to less than 0.5 mg/L when operated in accordance with the operating instructions. The system shall include one tank. This simplex system is designed to operate in an upflow mode. This configuration allows the unit to run in service without the need for a backwash cycle.

Media Tanks

The tanks shall be designed for a maximum working pressure of 125 psi and hydrostatically tested at 300 psi. Tanks shall be made of polyethylene and reinforced with a fiberglass wrapping. Each tank shall include a 2.5 - 8 NPSM threaded top opening. Each tank shall be NSF approved. Upper and lower distribution system shall be of a slot design. Distributors will provide even flow of water.

Media

Each system shall contain catalytic activated carbon (Chloraban™). The media shall be > 80 mesh in particle size.