



## Whole Household Automatic Filter

- Fully automatic, motor-operated valve with 12 day timer
- Modular valve and timer designed for easy service
- All fiberglass mineral tank will not rust or corrode
- High-quality filtering material available separately
- By-pass valve for easy installation

S07AF10  
For Rural Water

### Specifications

Model #	Flow Rates		Backwash Min.	Volume (Cu.Ft.)	Inlet/Outlet	Total Space Required (In.)	Ship Weight (Lbs.)	UPC #
	Cont.	Peak						
S07AF10	4	6	5.0	1.00	3/4"	9 x 48	27	054757000073

(\* ) Includes gravel underbed and by-pass valve

Star offers a variety of different filter media to correct your specific water problem:

- Eliminate Iron Problems
- Neutralize Acidic Water
- Remove Sediment
- Remove Taste & Odor

Water Treatment Resins And Mineral			
Application	Mineral	Description	Order #
ACID NEUTRALIZER AND SEDIMENT REMOVAL	CALCITE	A crushed and screened white marble material which can inexpensively be used to neutralize acidic or low pH waters to a neutral noncorrosive effluent. Acidic waters on contact with calcite slowly dissolve the calcium carbonate media to raise the pH which reduces the potential leaching of copper, lead and other metals found in typical plumbing systems. The calcite bed will have to be periodically added to as the dissolved calcite depletes. As the calcite's calcium carbonate neutralizes the water, it will increase hardness and a water softener may become necessary after the neutralizing filter.	136372 1/2 cu. ft. 43 lbs.
			023357 1 cu. ft. 85 lbs.
SEDIMENT AND TURBIDITY REMOVAL	FILTER AG	A non-hydrous highly efficient filter media for the removal of suspended matter. Filter AG granules have irregular surface characteristics affording maximum removal of suspended matter throughout the filter bed. A substantial savings can be realized, when designing a system using filter AG, because equipment can be smaller, requiring less square foot area. Filter AG is a lightweight substance which means additional savings in backwashing rates and volumes of water.	135518 1 cu. ft. 23 lbs.
TASTE AND ODOR REMOVAL	ACTIVATED CARBON	May be used for a variety of water treatment applications requiring the removal of taste, odor, and color. One of the most common applications for Activated Carbon is the removal of the undesirable taste present in many chlorinated water supplies. The end product is clean, fresh water with no objectionable taste or odor characteristics. Activated Carbon has an extremely high capacity but must be replaced when the filter bed loses the capacity for removal of taste and odor.	135516 1 cu. ft. 23 lbs.
IRON REMOVAL	BIRM	Birm is an efficient and economical media for the reduction of dissolved iron and manganese compounds from raw water supplies. The physical characteristics of Birm provide an excellent filter media which is easily cleaned by backwashing to remove the precipitant. Birm is not consumed in the iron removal operation and therefore offers a tremendous economic advantage over many other iron removal methods. Other advantages of Birm include; long material life with relatively low attrition loss, a wide temperature performance range and extremely high removal efficiency. Negligible labor costs are involved because Birm does not require chemicals for regeneration . . . only periodic backwashing is required	135514 1 cu. ft. 49 lbs.

Part No.	Material	Cu. Ft.	Ship Wt.
137261	Hi Cap Resin (Fine)	1/2	27
137262	Hi Cap Resin (Fine)	3/4	40
023355	Hi Cap Resin (Coarse)	3/4	40
023356	Hi Cap Resin (Coarse)	1	62

Part No.	Material	Cu. Ft.	Ship Wt.
023358	Mixed Blend	1	88
135523	"D" Gravel		21.5
136203	Tannin Resin	1/2	24
136227	Carbon-Gravel refill kit		10.5

