

Capital

SINCE 1936

Eliminator II

IRON FILTRATION SYSTEM

MODELS

HPFE-10

HPFE-13

HPFE-14

HPFE-16



SELF-CLEANING
NO CHEMICALS REQUIRED
STOPS IRON STAINING
ELIMINATES IRON SMELLS
IMPROVES WATER TASTE

The Eliminator II Iron Filtration System

Principles of operation:

From the raw water supply (city or private well), water enters the inlet supply to the HP-series tank, flows thru the micronizer which injects air as an oxidizer, allowing the iron present in the water supply to precipitate and become large enough particles to be filtered by the FE-series tank. The FE-series tank has a maximum iron reduction level and must be backwashed periodically to keep the filter material clean.

Operating Conditions:

The Eliminator II Iron Filtration System has been tested and validated by the Water Quality Association according to the WQA S-200 Filter Standard for the reduction of iron as verified and substantiated by test data. The concentration of the indicated substances in the water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI 42.

Water Analysis: Contaminants other than iron may limit the filters ability to remove the iron and must be addressed before installing the **Eliminator II**.

Iron Bacteria: Must be treated with chlorination and a carbon filter. Chlorine will damage the filter material in the FE-series Tank.

Tannins: If present in the water supply will not allow the oxidation process to occur.

Total Dissolved Solids (TDS): If the water test above 700 TDS please consult factory before installing the **Eliminator II**.

A complete water analysis should be done before any equipment is purchased. Ask your Water Treatment Dealer, Plumbing Contractor or Capital Water Softener, Inc.

For questions, information, service or parts also contact the installing Water Treatment Dealer, Plumbing Contractor or Capital Water Softener, Inc.

For installation conditions and needs refer to the Installation and Operation Manual.

Eliminator II Specifications

Model Number	HPFE-10	HPFE-13	HPFE-14	HPFE-16
Rated Service Flow (gpm)	6.5	9.3	12.5	16.0
psi Drop @ Service Flow	3	4	6	9
Backwash Flow Rate (gpm)	5.3	9.0	10.0	12.0
Min.-Max.Pressure (psi)	20-70	20-70	20-70	20-70
Min.-Max. Temp. (degrees)	35-110	35-110	35-110	35-110
Rated Capacity (gallons)	475	800	920	1200
Rated Capacity (ppm)	3990	6370	7210	9310
Shipping Weight (lbs.)	129	189	222	265

Dimensions

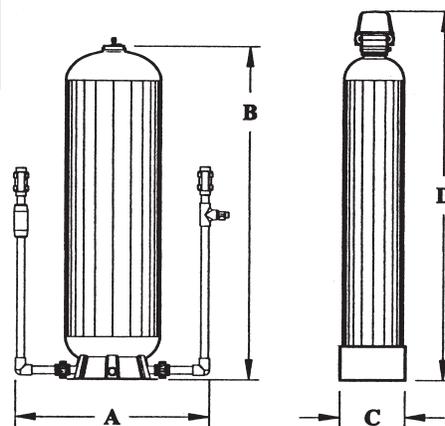
Model Number	A	B	C	D
HPFE-10	27 Inches	59 Inches	12 Inches	68 Inches
HPFE-13	27 Inches	59 Inches	15 Inches	68 Inches
HPFE-14	27 Inches	59 Inches	16 Inches	79 Inches
HPFE-16	27 Inches	59 Inches	18 Inches	79 Inches

Floor Space Inches

Model Number	Width	Depth	Height
HPFE-10	43 Inches	20 Inches	68 Inches
HPFE-13	46 Inches	20 Inches	68 Inches
HPFE-14	47 Inches	20 Inches	79 Inches
HPFE-16	48 Inches	20 Inches	79 Inches

HP-Series Tank

FE-Series Tank



AVAILABLE FROM

Capital Water Softener, Inc
 2096 Helena Street
 Madison, WI 53704
 Tele: 608-241-1511
 Fax: 608-241-5709
 Toll Free: 1-800-558-3283