MAR COR® PURIFICATION
A Cantel Medical Company

Competent, Consistent, & Compliant

Pretreatment - Carbon Filters

TAFC Series, 1" Activated Carbon Filters

The Biolab TAFC 1" Series Activated Carbon Filters are designed to eliminate color, odor, and/or toxicity primarily chlorine and chloramines from incoming water.

Our complete system series features the Performa™ valve with standard controller for simple operation and efficient backwashing.

Operating Parameters

- Pressure: 20-100 psi (138 - 690 KPA)
- Temperature: 35-100º F (2-38º C)
- Electrical: 115/60Hz, single phase
- Inlet/Outlet: 1.0 inch
- Drain: 0.75 inch

Standard Features

- Fully automatic backwash
- Single unit flow rates up to 20 USgpm
- Parallel flow rates up to 40 USgpm
- High quality activated carbon
- Non-corroding fiberglass tank
- Valve constructed of plastic materials
- Standard reliable electronic timer

Typical Applications

- Reverse osmosis system pretreatment
- Boiler feedwater
- Reagent grade lab water systems
- USP purified water systems
- Hemodialysis & Life Sciences water systems
- Commercial & Industrial water systems
- Food and Beverage Industry

Materials of Construction

- Media Tank: FRP - HDPE lined
- Control Valve: Glass filled Noryl®
- Media: Activated, high quality granular carbon
- Distributor Piping: PVC

Options Available

- Single, duplex or parallel configurations
- Free standing or skid-mounted systems
- Factory, fully pre-plumbed & pre-wired systems
- Custom installations and valve nests to meet facility requirements

TAFC Series 1” Carbon Filters @ 25°C

Model Number	Flow Chlorine (USgpm)	5 Min. Empty Bed Contact (USgpm)	Media Volume (Ft.^{3})	Backwash Flow (USgpm)	Pressure Drop @ Peek (psig)	Media Tank W x H (In.)	Shipping Weight (Lbs.)	Space Requirements W x D x H
TAFC-1047P	4.5	2.2	1.5	6	3	10 x 47	105	10 x 10 x 57
TAFC-1252P	6	3	2	8	4	12 x 52	125	12 x 12 x 62
TAFC-1465P	9	4.5	3	10	6	14 x 65	240	14 x 14 x 75
TAFC-1665P	12	6	4	15	8	16 x 65	340	16 x 16 x 75
TAFC-1865P	15	7.5	5	20	11	18 x 65	375	18 x 18 x 75
TAFC-2162P	20	10	7	25	17	21 x 62	410	21 x 21 x 75

Note: All weights and dimensions are approximate.

Installation Considerations

- For proper serviceability, it is recommended that there be 18” of space around the entire system. A minimum of 12” is required. The tanks should be installed on a firm, level surface.
- The inlet piping should be sized large enough to provide the required water flow for both service flow and backwashing of the tanks with minimum amount of pressure loss.
- A drain with suitable capability for the backwash flow rate of the tanks is required.
- Isolation valves, pressure gauges, sample ports, a vacuum breaker and a relief valve should be installed on each assembly.

For More Information

- Contact one of our application specialists at USA (800) 346-0365 or Canada (800) 268-5035, or visit www.mcpur.com

Noryl is a registered trademark of GE. Performa is a trademark of GE Infrastructure Water and Process Technologies.

MAR COR® PURIFICATION
A Cantel Medical Company

Mar Cor Purification
4450 Township Line Road
Skippack, PA 19474-1429
Tel: (484) 991-0220
Toll Free: (800) 346-0365
Fax: (484) 991-0230

Mar Cor Purification
14550 28th Avenue North
Plymouth, MN 55447
Tel: (484) 991-0220
Toll Free: (800) 633-3080
Fax: (763) 210-3868

Mar Cor Purification
3250 Harvester Road - Unit 6
Burlington, ON L7N 3W9
Canada
Tel: (905) 639-7025
Toll Free: (800) 268-5035
Fax: (905) 639-0425

Minntech B.V.
Sourethweg 11
6422 PC Heerlen
The Netherlands
Tel: (+31) 45 5471 471
Fax: (+31) 45 5429 695

Minntech Asia/Pacific Pte. Ltd.
438 Alexandra Road
#03-01 Alexandra Point
Singapore 119958
Tel: (+65) 6227 9698
Fax: (+65) 6225 6848

For More Information Contact Mar Cor Purification at www.mcpur.com or Call 800-633-3080

©2009 Mar Cor Purification. All rights reserved. P/N: 484917 Rev.C