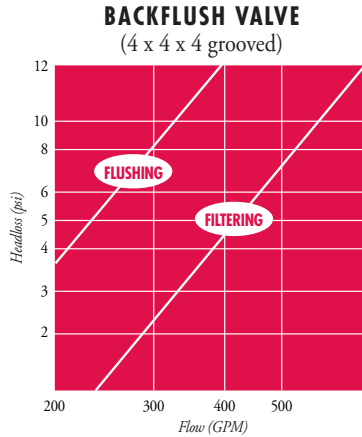
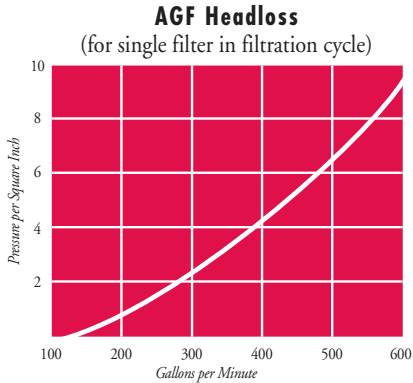




AGF Media Filter Batteries

Advanced Filtration Technology – Plastic, Corrosion Proof



Product Advantages

- Durable and Corrosion Proof**
 - Integral polyethylene liner and high-strength plastic underdrain are resistant to common agricultural chemicals.
 - Aerospace-grade resins provide the highest strength to weight ratio available in an agricultural media tank.
 - Large access ports allow for easy inspection of media beds.
 - Standard with corrosion-proof polypropylene manifolds.
- Reliable, Trouble-Free Operation**
 - Proven backwash valves combined with an integral tank venting system provide for smooth system start-up and backflush (no more hammering or shuddering so often associated with lesser quality products).
 - Designed with 55 mushrooms providing efficient backflushing (lifting and flushing the sand bed evenly).
 - Modular construction for servicing, all components can be removed and easily replaced using common tools. No more cutting torches or expensive factory overhauls with associated downtime.
- Simple, Inexpensive Installation**
 - Lightweight composite construction allows for easy transportation to remote jobsites and rapid placement without the use of expensive installation equipment and labor (excellent for trailer mounting).
 - Leg height is adjustable for easy retrofits to existing manifold systems.

SILICA SAND DATA and REQUIRED BACKFLUSH FLOW

Media Type	Mesh Range	Mean Effective Size (mm)	Uniformity Coefficient	Minimum Backflush
Crushed Silica 12	80-130	1.1 - 1.2	1.5	240 GPM
Standard Sand 6/20	100-140	0.9 - 1.0	1.5	240 GPM
Crushed Silica 16	155-200	0.6 - 0.7	1.5	200 GPM
U.S. Silica 80	160-200	0.6 - 0.7	1.5	225 GPM
Crushed Silica 20	170-230	0.45 - 0.5	1.4	180 GPM



Applications

- For surface water with high concentration of algae and other organic material.
- For well water to remove sand particles and undissolved iron.

Specifications

Maximum flow rates:

- Good Quality water: 25 GPM/sq.ft.
- Dirty water: 20 GPM/sq.ft.

Minimum filtration pressure: 15 psi

Minimum backflush pressure: 30 psi

Maximum operating pressure: 85 psi

Tank size: 48", requires 1300 lbs. of sand

Manifolds: Polypropylene

Recommendations:

- If sand level is > 10 ppm, use a Hydrocyclone before the Media tanks
- Install a 2" Quick Reacting Relief Valve set at 80 psi



NETAFIM USA

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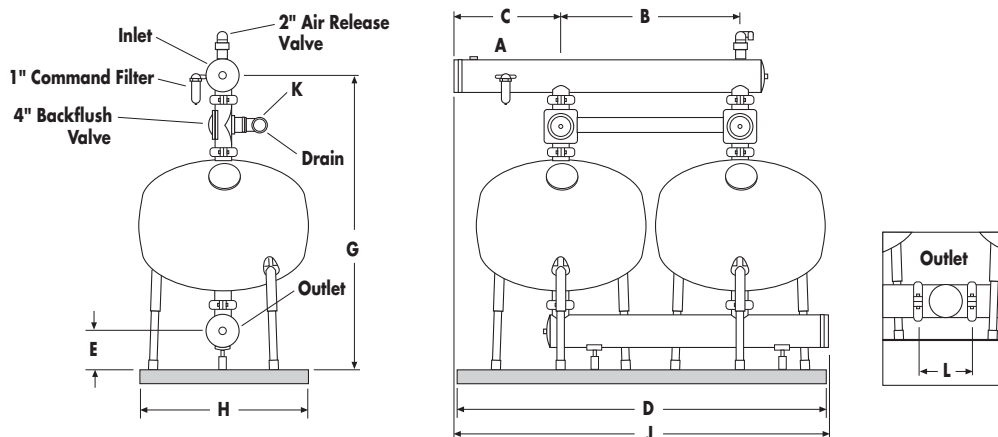
FAX 800.695.4753

www.netafimusa.com

AGF Media Filter Batteries Technical Information

AGF SYSTEM SPECIFICATIONS

Part Number	Number of Filters	Manifold Size	Maximum Working Pressure	Filtration Area (ft ²)	Volumes at Rated Flow ft ²			Weight (Filters Only)	Media Required
					Dirty Water 14-18 GPM/ft ²	Average Water 18-28 GPM/ft ²	Clean Water 23-28 GPM/ft ²		
27AGF48	1		85 psi	12.5	175-225	225-290	290-350	265 lbs.	1300 lbs.
27AGF4802PP	2	6"	85 psi	25.0	350-450	450-575	575-700	530 lbs.	2600 lbs.
27AGF4803PP	3	6"	85 psi	35.7	525-675	675-860	860-1050	795 lbs.	3900 lbs.
27AGF4804PP-S	4 (S)	8"	85 psi	50.0	700-900	900-1150	1150-1400	1060 lbs.	5200 lbs.
27AGF4804PP-T	4 (T)	T6" x 10" x 6"	85 psi	50.0	700-900	900-1150	1150-1400	1060 lbs.	5200 lbs.
27AGF4805PP-T	5 (T)	T6" x 10" x 6"	85 psi	62.5	875-1125	1125-1440	1440-1750	1325 lbs.	6500 lbs.
27AGF4806PP-T	6 (T)	T6" x 10" x 6"	85 psi	75.0	1050-1350	1350-1725	1725-2100	1590 lbs.	7800 lbs.



AGF SYSTEM DIMENSIONS

Key	Data for AGF Tank Systems Dimensions	27AGF4802PP (End Connection)	27AGF4803PP (End Connection)	27AGF4804PP-S (End Connection)	27AGF4804PP-T (Tee Connection)	27AGF4805PP-T (Tee Connection)	27AGF4806PP-T (Tee Connection)
A	Inlet/Outlet Diameter	6"	6"	8"	10"	10"	10"
B	Tank Distance	52"	52"	52"	52"	52"	52"
C	Inlet/Outlet Reference	26"	26"	26"	26"	26"	26"
D	Length	101"	153"	205"	224"	276"	328"
E	Outlet Height	12 1/2"	12 1/2"	12 1/2"	12 1/2"	12 1/2"	12 1/2"
G	Inlet Height	78"	78"	79"	78"	78"	78"
H	Width	49"	49"	49"	49"	49"	49"
J	Distance Between Inlet/Outlet	104"	156"	208"	-	-	-
K	Backwash Line Diameter	4"	4"	4"	4"	4"	4"
L	Length of 6" x 10" x 6" Tee	-	-	82 1/2"	66"	19"	19"

Netafim USA - Delivering Total System Solutions for Agriculture

- Dripplines • Sprinklers • Filters • Valves • Air Vents • Flow Meters • Crop Management Technologies



For more information call your Authorized Netafim USA Distributor or call Netafim USA Customer Service at (888) 638-2346.