



SPECIALIZED WATER SOLUTIONS Air Filter Specifications

Sulfur and Iron Series

MODEL	AOA-1054	AOA-1252	AOA-1354	AOA-1054	AOA-1252	AOA-1354
Mineral Type	Catalytic Carbon	Catalytic Carbon	Catalytic Carbon	Birm	Birm	Birm
Amount (Cu. Ft.)	1.0	1.5	2.0	1.0	1.5	2.0
Gravel Amount/Size (No. 1)	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8
Gravel Amount/Size (No. 2)	7 lb #20	14 lb #20	14 lb #20	7 lb #20	14 lb #20	14 lb #20
Service Flow (GPM)	5.0	6.0	7.0	5.0	6.0	7.0
¹ Peak Flow (GPM)	20.0	22.0	22.0	18.0	19.0	19.0
Backwash Flow (GPM)	5.3	7.5	9.0	5.3	9.0	10.0
² Iron Removal	1.0	1.0	1.0	5.0	5.0	5.0
⁴ Hydrogen Sulfide Removal	5.0	5.0	5.0	1.0	1.0	1.0
pH Range	Greater than 7.0	Greater than 7.0	Greater than 7.0	6.8 to 9.0	6.8 to 9.0	6.8 to 9.0
Total Dimensions	10"W x 62"H	12"W x 60"H	13"W x 62"H	10"W x 62"H	12"W x 60"H	13"W x 62"H
Weight Filled (Lbs.)	99	129	⁴ 150	106	139	⁴ 164

NOTE: Sulfur and Iron Air Filters are approved for use in the State of Wisconsin.

¹Not tested at peak flow rate. Water quality will vary.

²Iron removal may vary for hydrogen sulfide systems, depending on local conditions.

³Hydrogen sulfide removal may vary for iron systems, depending on local conditions.

⁴Units ship with media separate.

Specialty Series

MODEL	AOA-1054	AOA-1252	AOA-1354	AOA-1054AN	AOA-1252AN	AOA-1354AN
Mineral Type	Greensand Plus	Greensand Plus	Greensand Plus	Greensand Plus: 0.5	Greensand Plus: 1.0	Greensand Plus: 1.0
¹ Amount (Cu. Ft.)	1.0	1.5	2.0	Calcite: 0.5	Calcite: 0.5	Calcite: 1.0
Gravel Amount/Size (No. 1)	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8
Gravel Amount/Size (No. 2)	7 lb #20	14 lb #20	14 lb #20	7 lb #20	14 lb #20	14 lb #20
Garnet Amount (Lbs)	13.0	19.0	22.0	13.0	19.0	22.0
Service Flow (GPM)	3.0	3.0	5.0	3.0	3.0	5.0
² Peak Flow (GPM)	6.0	8.0	10.0	6.0	8.0	10.0
Backwash Flow (GPM)	6.5	9.0	11.0	6.5	9.0	11.0
³ Iron Removal	4.0	4.0	4.0	4.0	4.0	4.0
⁴ Hydrogen Sulfide Removal	0.5	0.5	0.5	0.5	0.5	0.5
pH Range	Greater than 6.8	Greater than 6.8	Greater than 6.8	Greater than 6.3	Greater than 6.3	Greater than 6.3
Total Dimensions	10"W x 62"H	12"W x 60"H	13"W x 62"H	10"W x 62"H	12"W x 60"H	13"W x 62"H
Weight Filled (Lbs.)	169	233	⁵ 286	169	233	⁵ 286

¹Amount of acid neutralizing media will vary depending on local conditions.

²Not tested at peak flow rate. Water quality may vary.

³Iron removal may vary, depending on local conditions.

⁴Hydrogen sulfide removal may vary, depending on local conditions.

⁵Units ship with media separate.

Cycle Times and Usage

MODEL	Sulfur Filters						Iron Filters					
	AOA-1054		AOA-1252		AOA-1354		AOA-1054		AOA-1252		AOA-1354	
	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.
Backwash Air	4	16	4	23	4	27	4	16	4	23	4	27
Backwash	10	50	10	80	10	100	10	50	10	80	10	100
Regenerant Draw	60	25	60	40	60	50	60	25	60	40	60	50
Total	74	91	74	143	74	177	74	91	74	143	74	177

NOTE: Water usage during regeneration will differ depending on media type in filter

