



BETTER SCIENCE. BRILLIANT WATER.™

# EVOLVE SERIES® AIR FILTER SPECIFICATIONS

## Sulfur (EVS) and Iron Air (EVFE) Filters

MODEL	EVS-1054	EVS-1252	EVS-1354	EVFE-1054	EVFE-1252	EVFE-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	21 lb 1/4 x 1/8	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8	21 lb 1/4 x 1/8
Gravel Amount/Size (No. 2)	7 lb #20	7 lb #20	7 lb #20	7 lb #20	7 lb #20	7 lb #20
Continuous Flow (GPM)	5.0	6.0	7.0	5.0	6.0	7.0
<sup>1</sup> 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
<sup>2</sup> Iron Removal	1.0	1.0	1.0	5.0	5.0	5.0
<sup>3</sup> 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	<sup>4</sup> 150	106	139	<sup>4</sup> 164

NOTE: The EVS and EVFE are approved for use in the State of Wisconsin.

<sup>1</sup> Not tested at peak flow rate. Water quality may vary.

<sup>2</sup> Iron removal may vary for hydrogen sulfide systems, depending on local conditions.

<sup>3</sup> Hydrogen sulfide removal may vary for iron systems, depending on local conditions.

<sup>4</sup> Units ship with media separate.

## Air CAT (EAG/EACG) Filters

MODEL	EAG-1054	EAG-1252	EAG-1354	EACG-1054AN	EACG-1252AN	EACG-1354AN
Mineral Type	Greensand Plus	Greensand Plus	Greensand Plus	Greensand Plus: 0.5	Greensand Plus: 0.75	Greensand Plus: 1.0
<sup>1</sup> Amount (Cu. Ft.)	1.0	1.5	2.0	Calcite: 0.5	Calcite: 0.75	Calcite: 1.0
Gravel Amount/Size (No. 1)	7 lb 1/4 x 1/8	14 lb 1/4 x 1/8	14 lb 1/4 x 1/8	7 lb 1/4 x 1/8	14 lb 1/4 x 1/8	21 lb 1/4 x 1/8
Gravel Amount/Size (No. 2)	7 lb #20	7 lb #20	14 lb #20	7 lb #20	7 lb #20	7 lb #20
Garnet Amount (Lbs)	13.0	19.0	22.0	13.0	19.0	22.0
Continuous Flow (GPM)	3.0	3.0	5.0	3.0	3.0	5.0
<sup>2</sup> 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
<sup>3</sup> Iron Removal	4.0	4.0	4.0	4.0	4.0	4.0
<sup>4</sup> 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	<sup>5</sup> 286	169	233	<sup>5</sup> 286

<sup>1</sup> Amount of acid neutralizing media may vary depending on local conditions.

<sup>2</sup> Not tested at peak flow rate. Water quality may vary.

<sup>3</sup> Iron removal may vary, depending on local conditions.

<sup>4</sup> Hydrogen sulfide removal may vary, depending on local conditions.

<sup>5</sup> Units ship with media separate.

## Cycle Times and Usage

MODEL	EVS-1054		EVS-1252		EVS-1354		EVFE-1054		EVFE-1252		EVFE-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	90	10	50	10	80	10	100
Regenerant Draw	60	25	60	40	60	50	60	25	60	40	60	50
<b>Total</b>	<b>74</b>	<b>91</b>	<b>74</b>	<b>143</b>	<b>74</b>	<b>167</b>	<b>74</b>	<b>91</b>	<b>74</b>	<b>143</b>	<b>74</b>	<b>177</b>

