

# Impression Series® Air Filter Specifications

When specifying Impression Plus Series units, use "IMP" prefix in place of "IM" or "IP" in place of "I".

## SULFUR AND IRON AIR FILTERS

MODEL NUMBER	IMS-1054	IMS-1248	IMS-1354	IMFE-1054	IMFE-1248	IMFE-1354
Mineral Type Amount (Cu Ft)	Catalytic Carbon 1.0	Catalytic Carbon 1.5	Catalytic Carbon 2.0	Birm 1.0	Birm 1.5	Birm 2.0
Gravel Amount/Size (No. 1) Gravel Amount/Size (No. 2)	14 lb 1/4 x 1/8 7 lb #20	14 lb 1/4 x 1/8 14 lb #20	14 lb 1/4 x 1/8 14 lb #20	14 lb 1/4 x 1/8 7 lb #20	14 lb 1/4 x 1/8 14 lb #20	14 lb 1/4 x 1/8 14 lb #20
Continuous Flow (GPM) <sup>1</sup> Peak Flow (GPM)	5.0 8.0	6.0 9.0	7.0 10.0	5.0 10.0	6.0 11.0	7.0 18.0
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	Greater than 7.0	Greater than 7.0	Greater than 7.0
Total Dimensions	10"W x 62"H	12"W x 56"H	13"W x 62"H	10"W x 52"H	10"W x 62"H	13"W x 62"H
Weight Filled (Lbs)	99	129	150 <sup>4</sup>	106	139	164 <sup>4</sup>

NOTE: The IMS and IMFE 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 FILTERS

MODEL NUMBER	IAG-1054	IAG-1248	IAG-1354	IACG-1054AN	IACG-1248AN	IACG-1354AN
Mineral Type <sup>1</sup> Amount (Cu Ft)	Greensand Plus 1.0	Greensand Plus 1.5	Greensand Plus 2.0	Greensand Plus 0.5 Calcite 0.5	Greensand Plus 0.75 Calcite 0.75	Greensand Plus 1.0 Calcite 1.0
Gravel Amount/Size (No. 1) Gravel Amount/Size (No. 2)	14 lb 1/4 x 1/8 7 lb #20	21 lb 1/4 x 1/8 7 lb #20	21 lb 1/4 x 1/8 7 lb #20	14 lb 1/4 x 1/8 7 lb #20	21 lb 1/4 x 1/8 7 lb #20	21 lb 1/4 x 1/8 7 lb #20
Garnet Amount (Lbs)	13.0	19.0	22.0	13.0	19.0	22.0
Continuous Flow (GPM) <sup>2</sup> Peak Flow (GPM)	3.0 6.0	3.0 8.0	5.0 10.0	3.0 6.0	3.0 8.0	5.0 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 7.0	Greater than 7.0	Greater than 7.0	Greater than 6.5	Greater than 6.3	Greater than 6.3
Total Dimensions	10"W x 62"H	12"W x 56"H	13"W x 62"H	10"W x 52"H	10"W x 62"H	13"W x 62"H
Weight Filled (Lbs)	169	233	286 <sup>5</sup>	169	233	286 <sup>5</sup>

<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	IMS-1054		IMS-1248		IMS-1354		IMFE-1054		IMFE-1248		IMFE-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

