

## Sulfur(IPHS) and Iron Air(IPFE) Filters

MODEL	IPHS-1054	IPHS-1252	IPHS-1354	IPFE-1054	IPFE-1252	IPFE-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
Service 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 IPHS and IPFE are approved for use in the State of Wisconsin.

<sup>1</sup>Not tested at peak flow rate. Water quality will 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 (IPG/IPCG-AN) Filters

MODEL	IPG-1054	IPG-1252	IPG-1354	IPCG-1054AN	IPCG-1252AN	IPCG-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
Service 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 will 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	IPHS-1054		IPHS-1252		IPHS-1354		IPFE-1054		IPFE-1252		IPFE-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>

