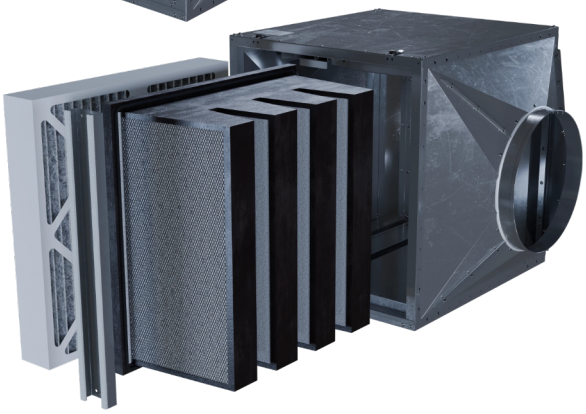
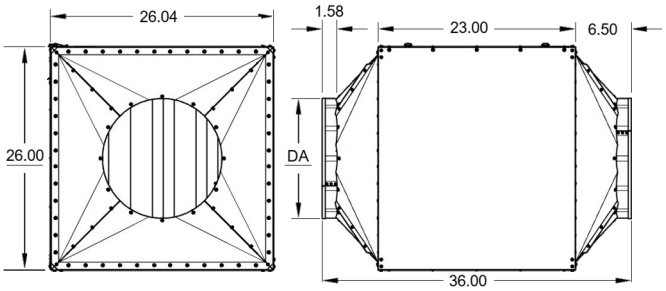
IFHB
Inline HEPA Filter Box





HVACquick's IFHB Series

Our large capacity HEPA Inline Filter Box Series is a great solution for any application requiring inline HEPA filtration.

Features:

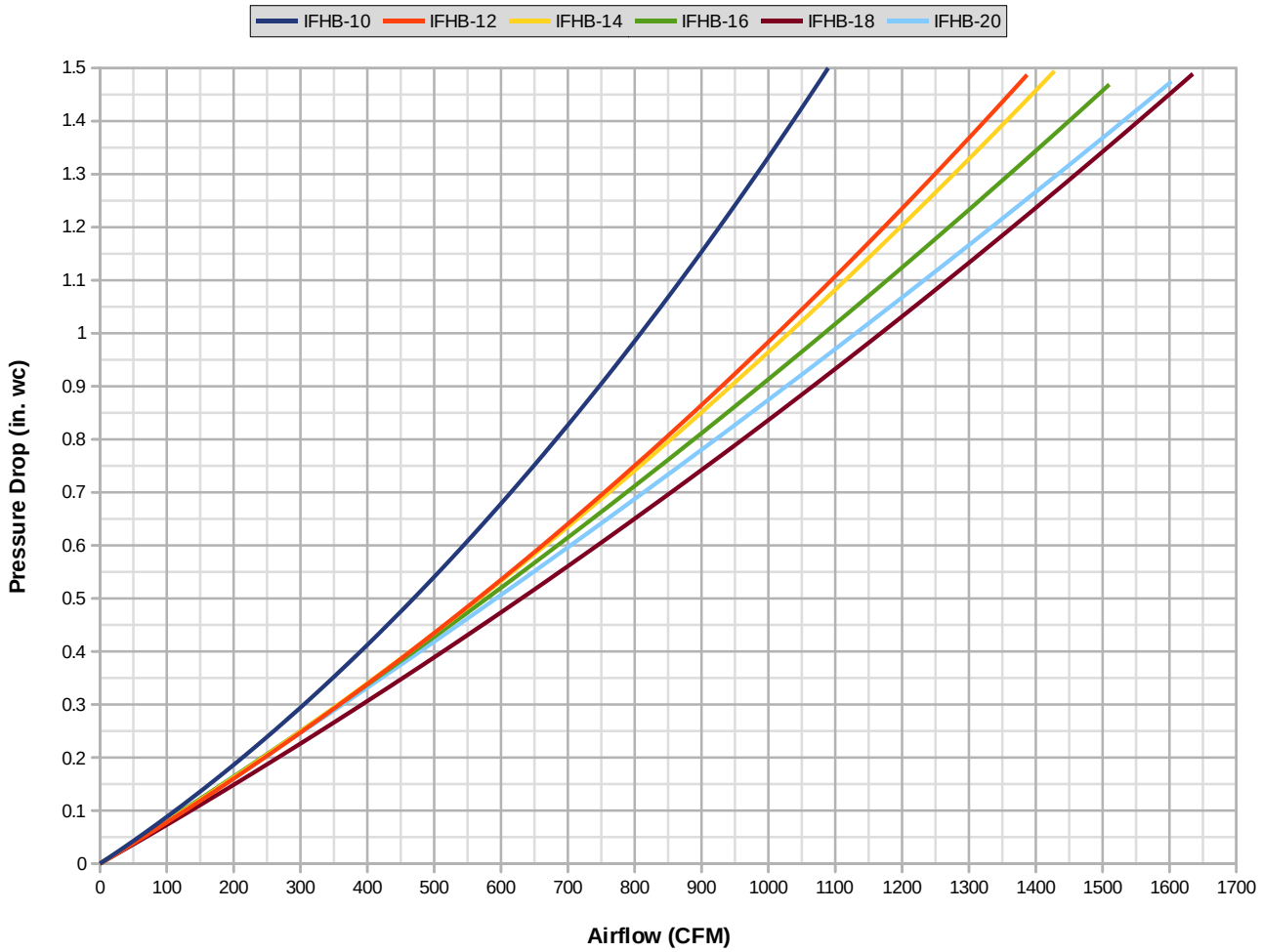
- The Hemmed Duct Adapters are designed for Air-Flow and reduced resistance.
- Includes one MERV11 Pre-Filter and one high quality H13 HEPA (99.95%) filter.
- The HEPA filter has a two year life and minimizes exposure to airborne pathogens, pollen, mold and dust.
- Double wall Aluminum construction, come with two (single wall) duct adapters.
- Adapters come attached when shipping freight, Adapter kits are also available.
- The IFHB has corner mounting screws on every corner, which are included.
- Quick Clip Access Panel

Model	Pre-Filter (in.)	Dimensions With Duct Adapters (in.)				Pre-Filter Area (sq. ft.)
		DA	Length	Width	Height	
IFHB-10	24x24x4	10	36.00	26.04	26.00	4
IFHB-12	24x24x4	12	36.00	26.04	26.00	4
IFHB-14	24x24x4	14	36.00	26.04	26.00	4
IFHB-16	24x24x4	16	36.00	26.04	26.00	4
IFHB-18	24x24x4	18	36.00	26.04	26.00	4
IFHB-20	24x24x4	20	36.00	26.04	26.00	4

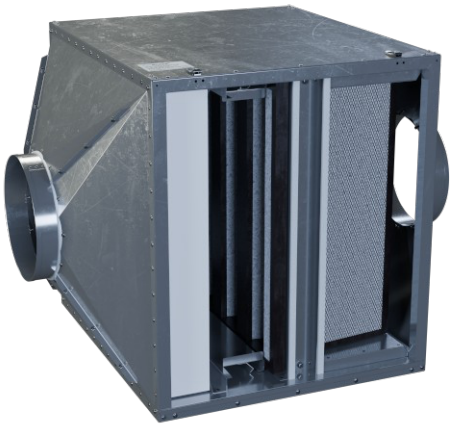
IFHB
Inline HEPA Filter Box

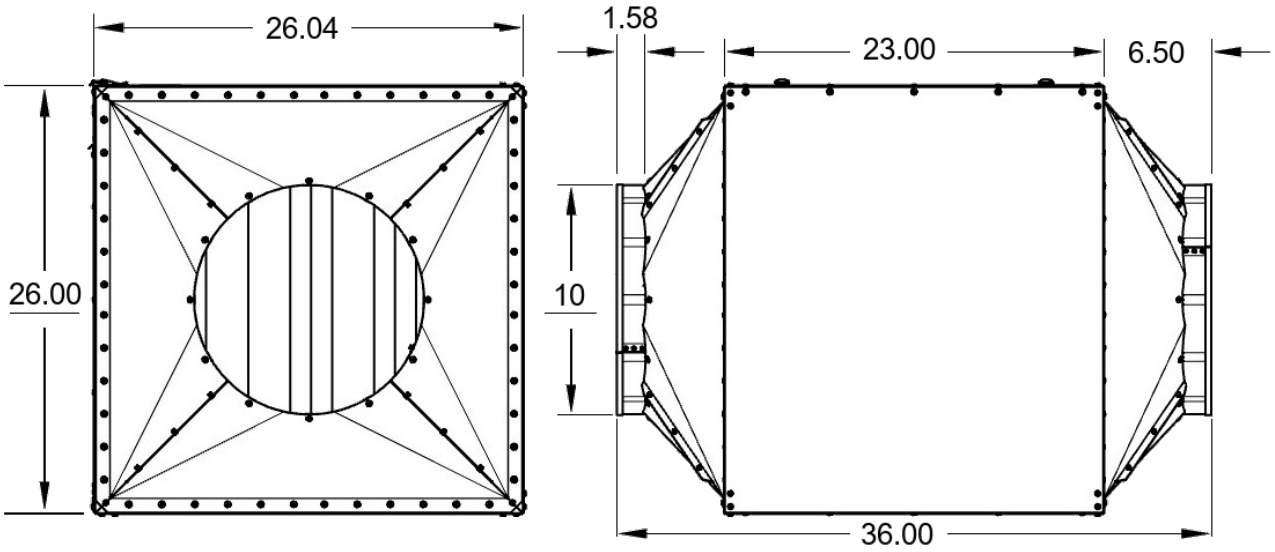
AirLab Test Data (CFM*)																				
Pressure Drop (in. wc)	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5
IFHB-10 Airflow	45	123	171	221	258	295	353	382	421	460	535	628	692	761	814	869	914	982	1023	1099
IFHB-12 Airflow	88	154	196	253	280	362	398	453	498	581	676	760	832	924	1017	1092	1180	1263	1319	1387
IFHB-14 Airflow	50	115	178	240	289	349	404	453	526	570	672	766	855	956	1031	1113	1211	1259	1359	1428
IFHB-16 Airflow	47	115	176	235	299	368	414	473	525	580	689	804	872	990	1080	1171	1265	1363	1483	1510
IFHB-18 Airflow	68	136	210	269	338	391	444	506	566	621	756	861	963	1048	1144	1301	1399	1470	1524	1635
IFHB-20 Airflow	47	113	180	247	285	359	415	472	533	597	714	807	935	1036	1120	1227	1345	1453	1533	1603

*Testing acquired using commercial grade air handler, CFM may vary based on the capabilities of the fan used.



IFHB-10

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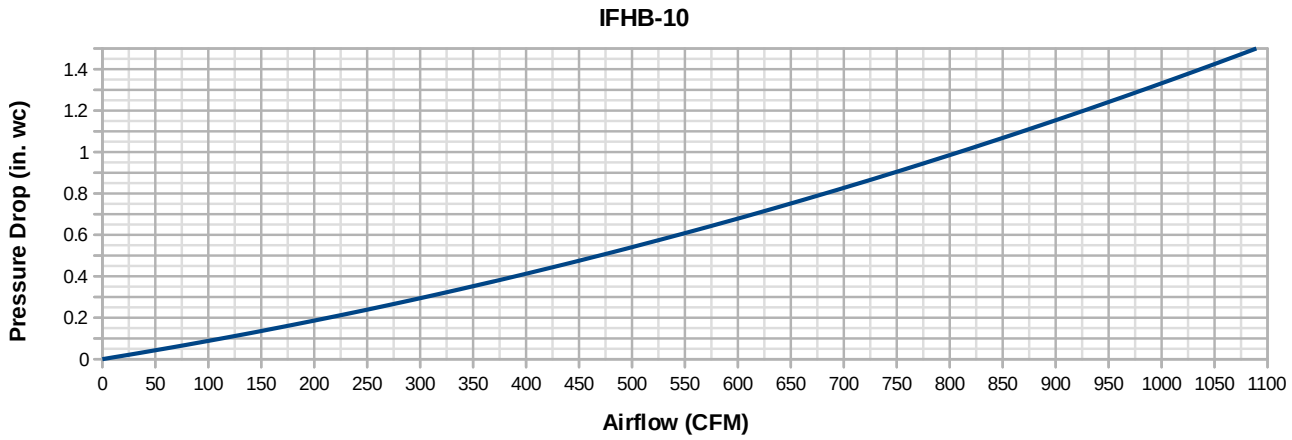
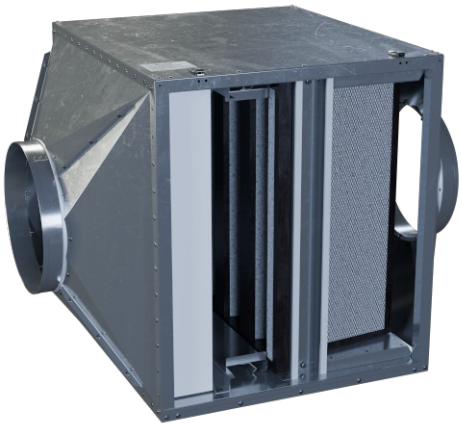
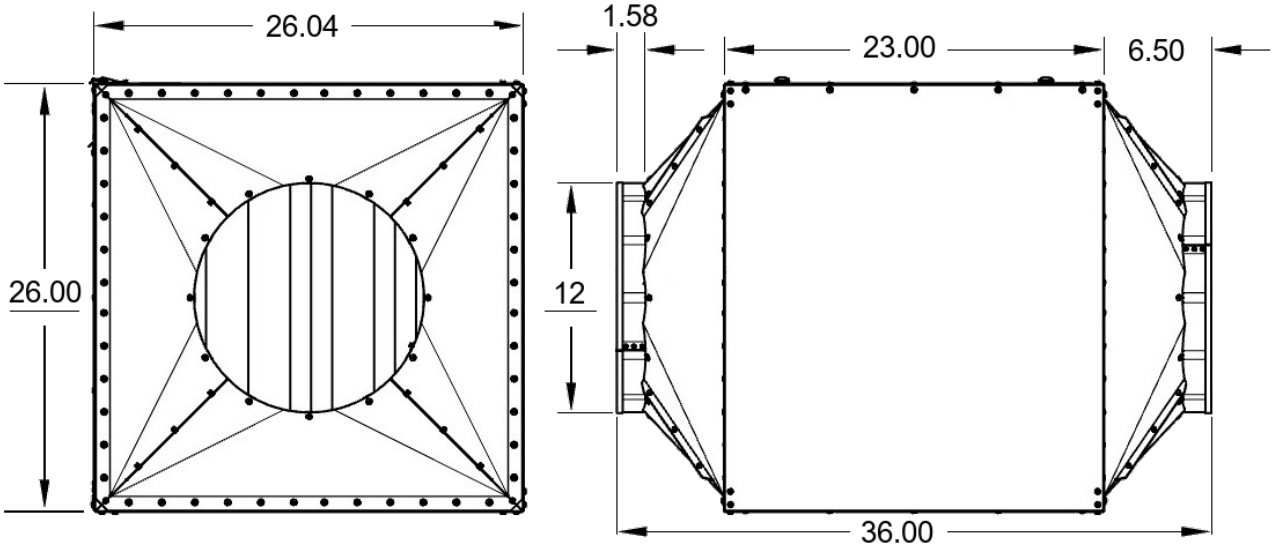
26.00
1.58
23.00
6.50
10
36.00


IFHB-10
Pressure Drop (in. wc)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0 50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000 1050 1100
Airflow (CFM)

IFHB-12

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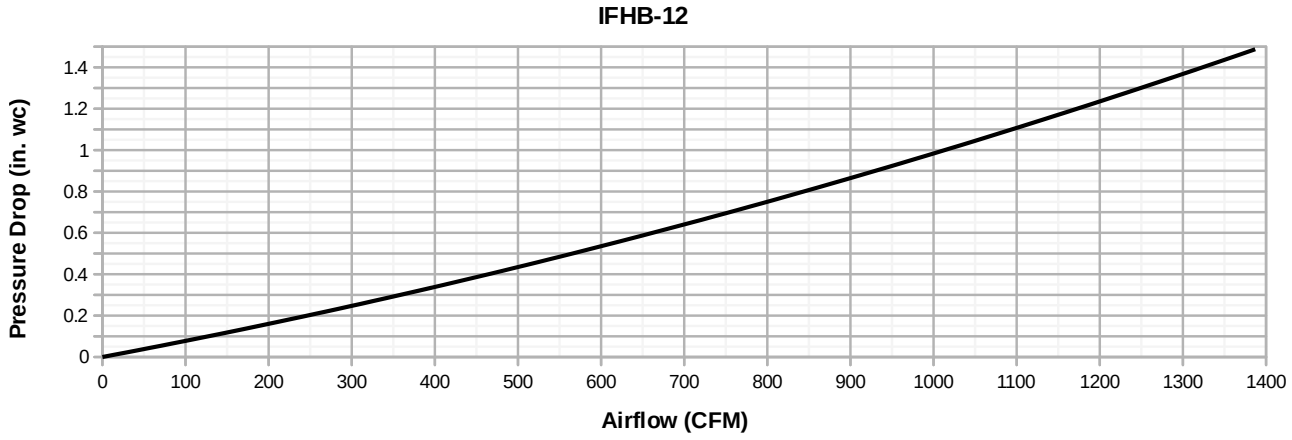
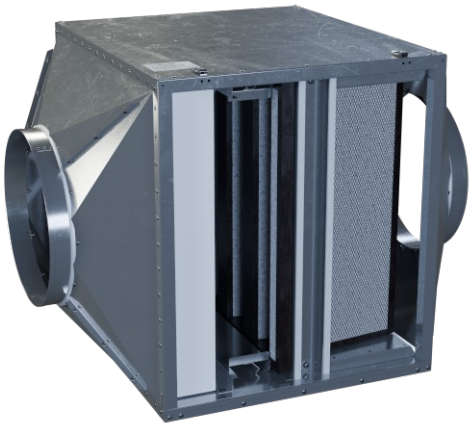
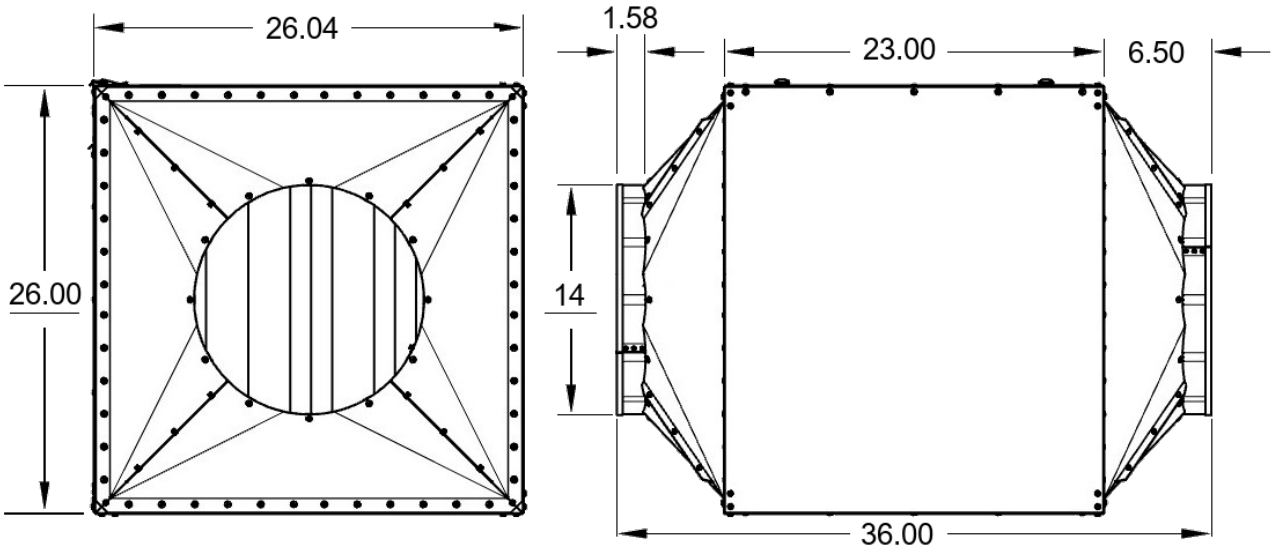
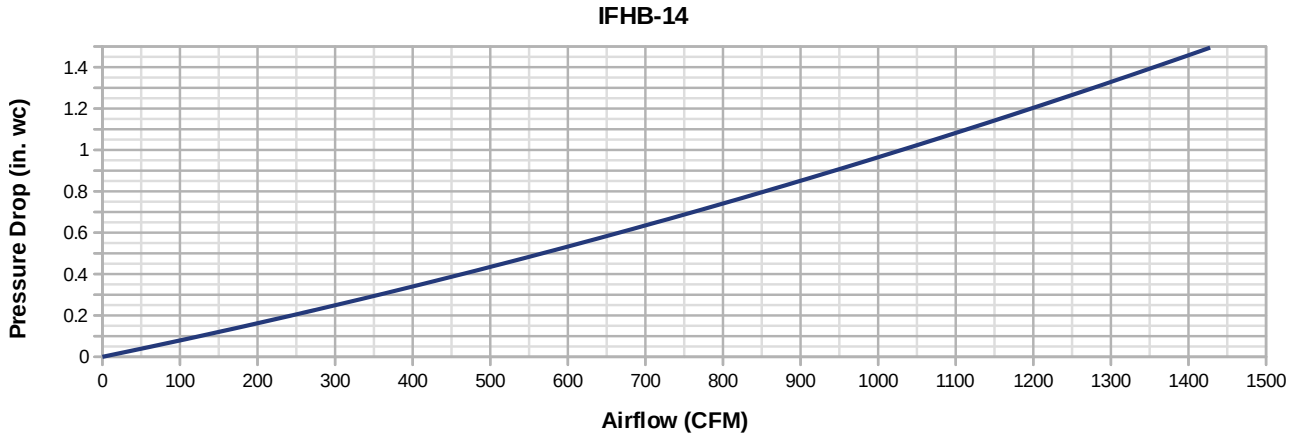
26.00
1.58
23.00
6.50
12
36.00


IFHB-12
Pressure Drop (in. wc)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
Airflow (CFM)

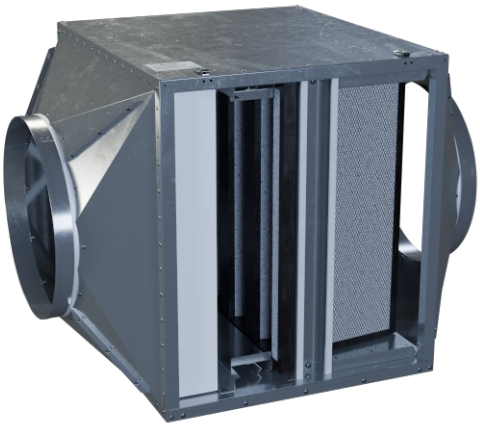
IFHB-14

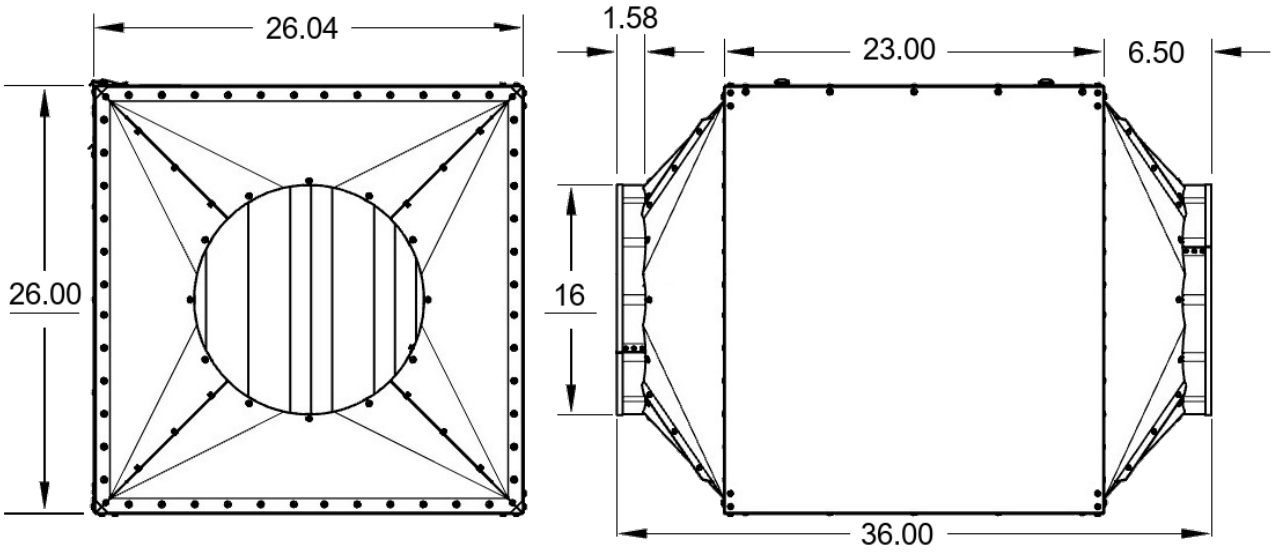


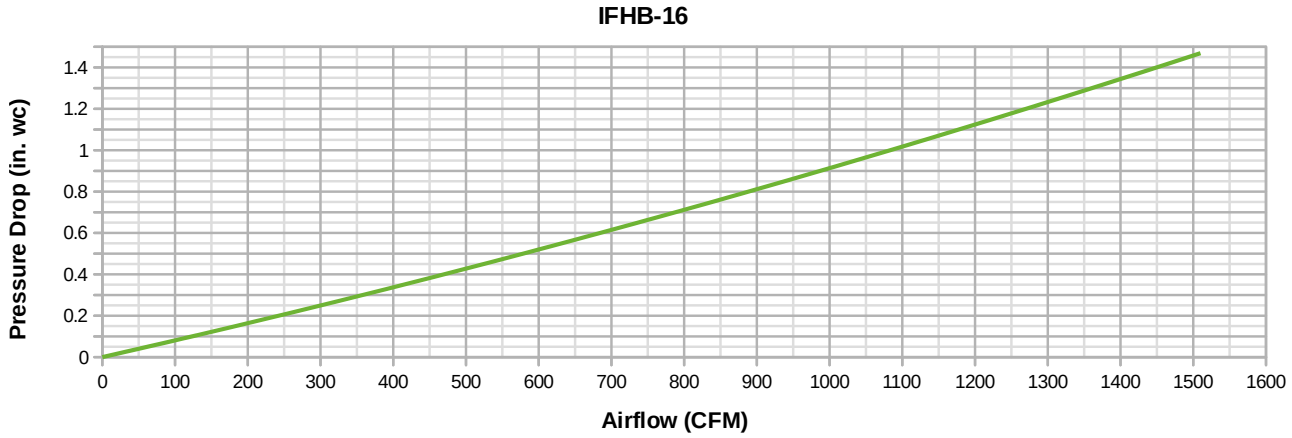

26.04
26.00
1.58
23.00
6.50
14
36.00


IFHB-14
Pressure Drop (in. wc)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
Airflow (CFM)

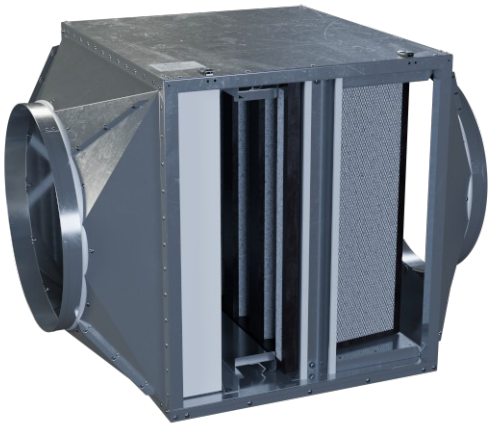
IFHB-16

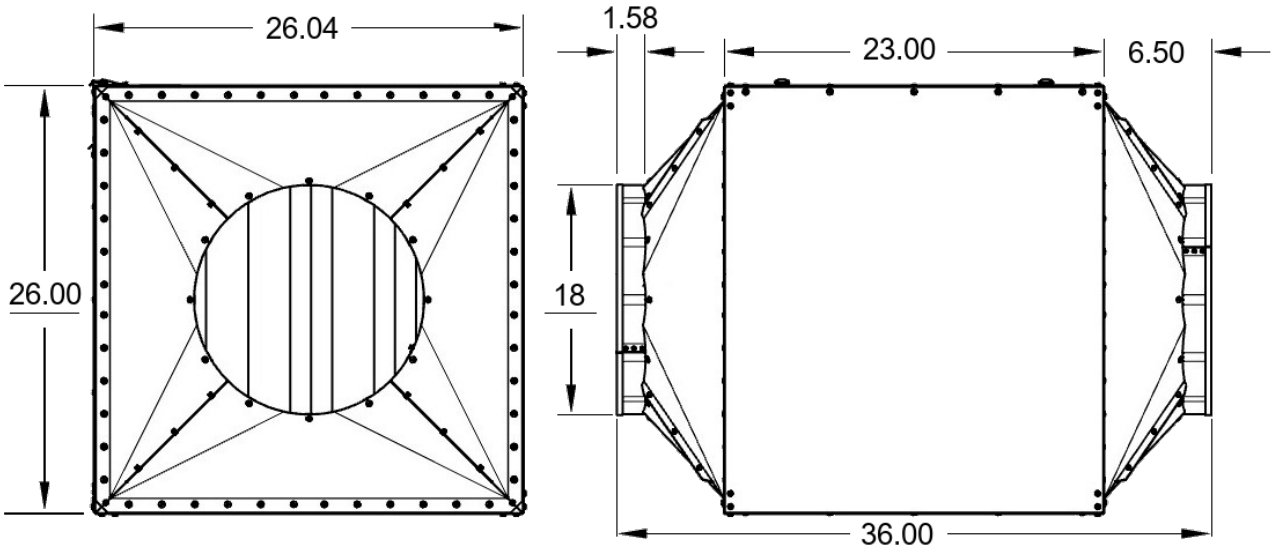



26.04
26.00
1.58
23.00
6.50
16
36.00


IFHB-16
Pressure Drop (in. wc)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
Airflow (CFM)

IFHB-18

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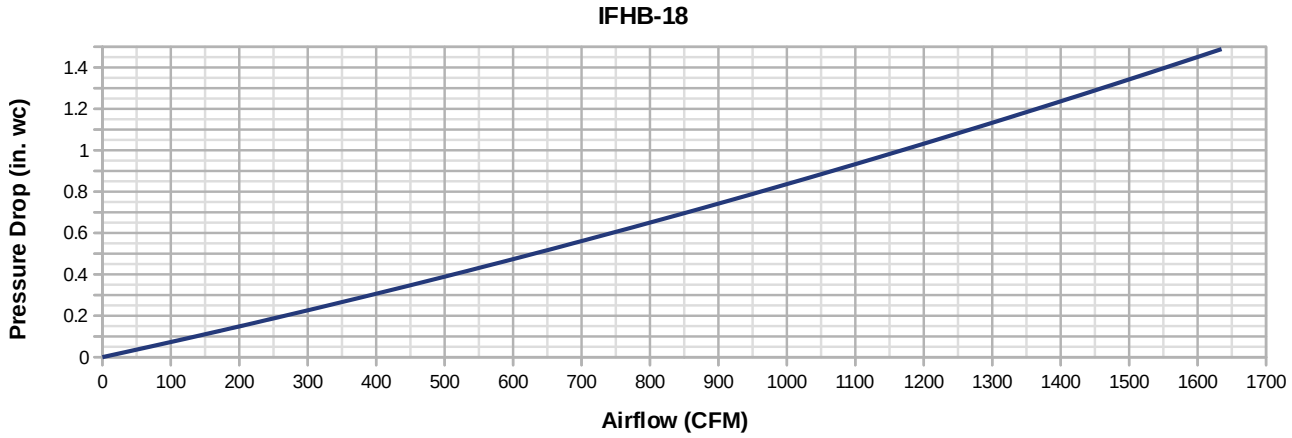
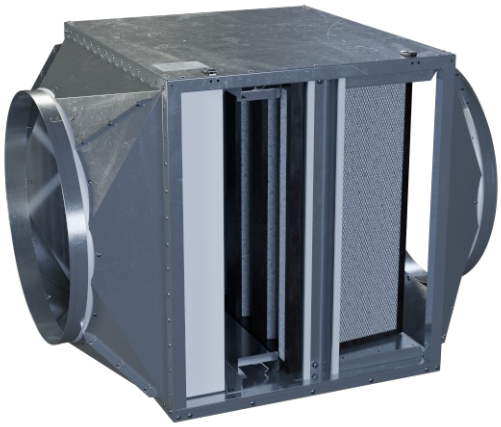
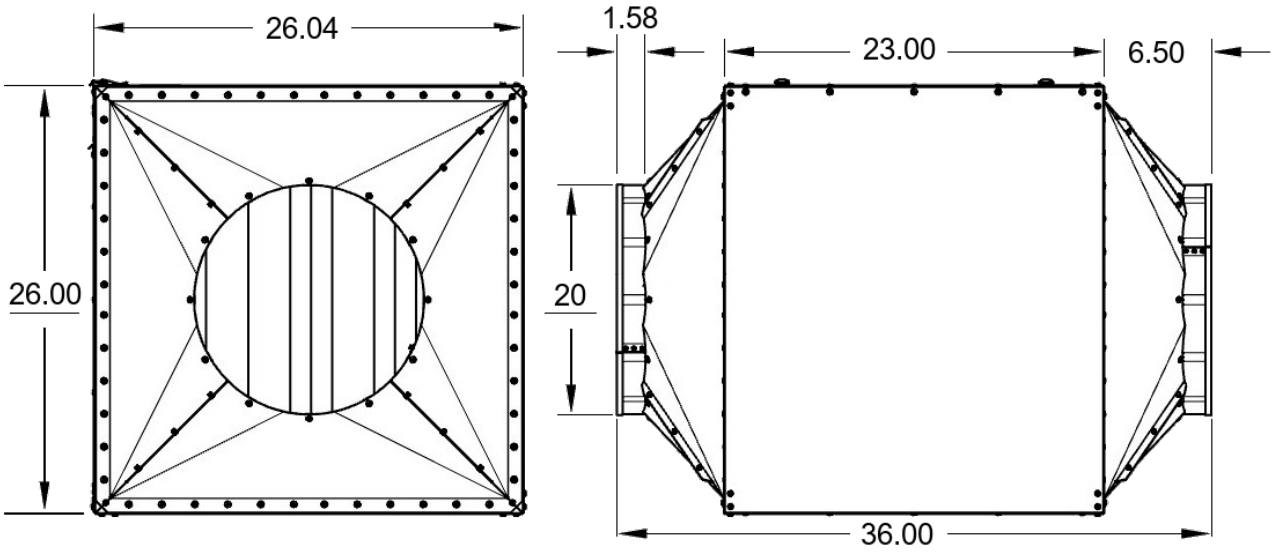
1.58
23.00
6.50
18
36.00


IFHB-18
Pressure Drop (in. wc)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
Airflow (CFM)

IFHB-20

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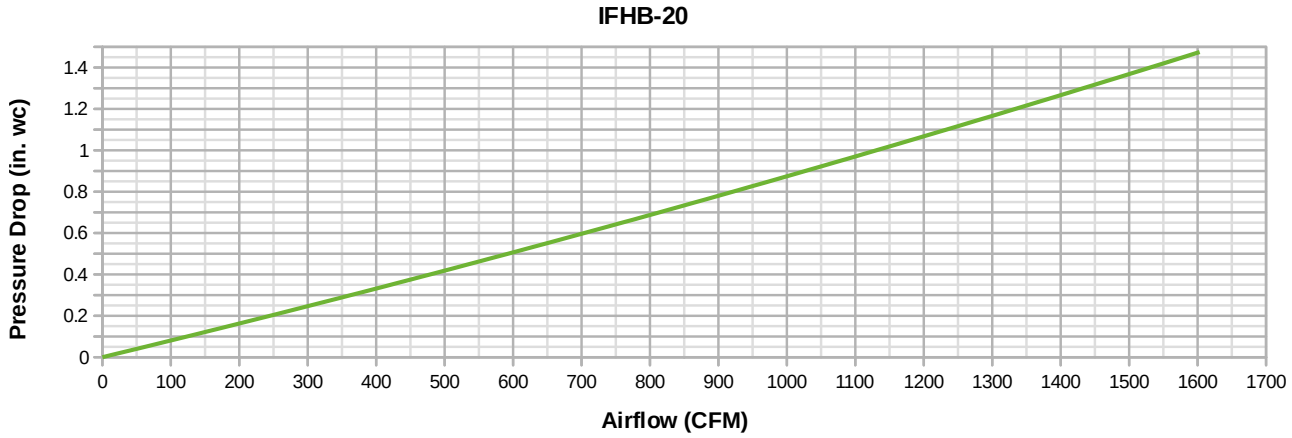
26.00
1.58
23.00
6.50
20
36.00


IFHB-20
Pressure Drop (in. wc)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
Airflow (CFM)