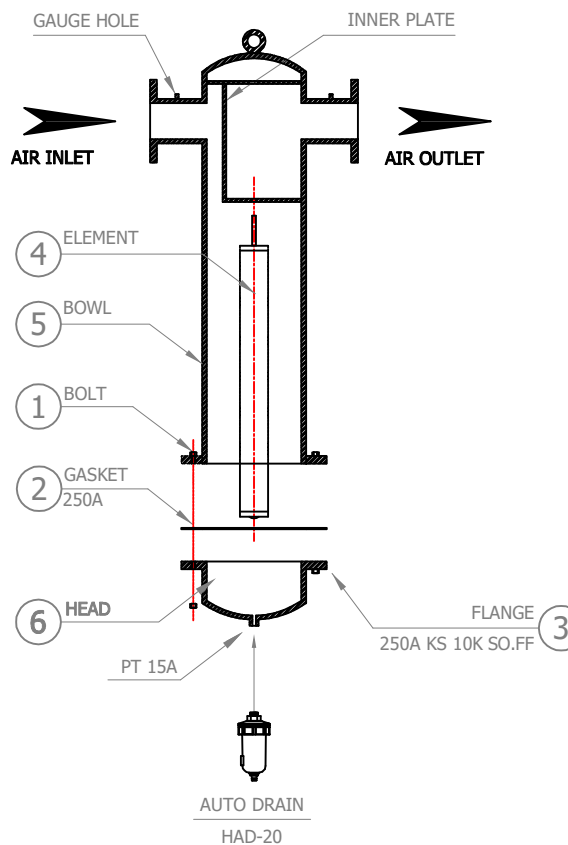


	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Particulate Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-40-65A	
1	SPECIFICATION						
2	Element Type	Particulate		Inlet Flow Rate	28	Nm3/min	
3	Element Quantity	2	EA	Inlet Pressure	7	barg	
4	Element Filtration	40	micron	Inlet Temp.	38	°C	
5		-	ppm	Outlet Flow Rate	28	Nm3/min	
6	Element Design Temp.	65	°C	Outlet Pressure	6.8	barg	
7	Flow Direction	Outside to Inside		Outlet Temp.	38	°C	
8	Design Code	KS B 6750-3		Pressure Drop	0.2	bar	
9	Auto Drain	HAD-20		Design Pressure	9.7	barg	
10				Design Temperature	100	°C	
11	CONSTRUCTION						
12	Inlet Connection	65A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	65A	KS 10K SO.FF.	Weight	88	kg	
14	Drain Connection	15A	PT Female Screw	Color (Munsell)	5.7PB 4.1/9.9		
15	MATERIALS						
16	Head	SS275					
17	Bowl	SPP					
18	Flange	SS275					
19	Gasket	Non-Asbestos					
20	Element	Polyethylene					
21	Bolt / Nut	SS400					
22	STANDRAD FEATURES AND CONTROL						
23	Pressure Gauge	YES					
24	Differential Indicator	NO					
25	Differential Transmitter	NO					
26	Auto Drain	YES					
27	NOTES						
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

ASSEMBLY

[illegible]

1. THE LEG IS OPTIONAL.
2. THE DIFFERENTIAL PRESSURE GAUGE IS OPTIONAL.

	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Particulate Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-5-65A	
1	SPECIFICATION						
2	Element Type	Particulate		Inlet Flow Rate	28	Nm3/min	
3	Element Quantity	2	EA	Inlet Pressure	7	barg	
4	Element Filtration	5	micron	Inlet Temp.	38	°C	
5		-	ppm	Outlet Flow Rate	28	Nm3/min	
6	Element Design Temp.	65	°C	Outlet Pressure	6.8	barg	
7	Flow Direction	Outside to Inside		Outlet Temp.	38	°C	
8	Design Code	KS B 6750-3		Pressure Drop	0.2	bar	
9	Auto Drain	HAD-20		Design Pressure	9.7	barg	
10				Design Temperature	100	°C	
11	CONSTRUCTION						
12	Inlet Connection	65A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	65A	KS 10K SO.FF.	Weight	88	kg	
14	Drain Connection	15A	PT Female Screw	Color (Munsell)	5.7PB 4.1/9.9		
15	MATERIALS						
16	Head	SS275					
17	Bowl	SPP					
18	Flange	SS275					
19	Gasket	Non-Asbestos					
20	Element	Polyethylene					
21	Bolt / Nut	SS400					
22	STANDRAD FEATURES AND CONTROL						
23	Pressure Gauge	YES					
24	Differential Indicator	NO					
25	Differential Transmitter	NO					
26	Auto Drain	YES					
27	NOTES						
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

DIMENSION



ASSEMBLY



MODEL		HYF-5-65A	
CAPACITY		28 Nm ³ /min	
INLET AIR TEMPERATURE		MAX. 65 °C	
MAX. INLET AIR PRESSURE		9.7 barg	
ELEMENT TYPE		PARTICULATE	
FILTRATION		5 MICRON	
IN/OUT CONNECTION		65A FLANGE	
FLOW DIRECTION		OUTSIDE TO INSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	POLYETHYLENE	2
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

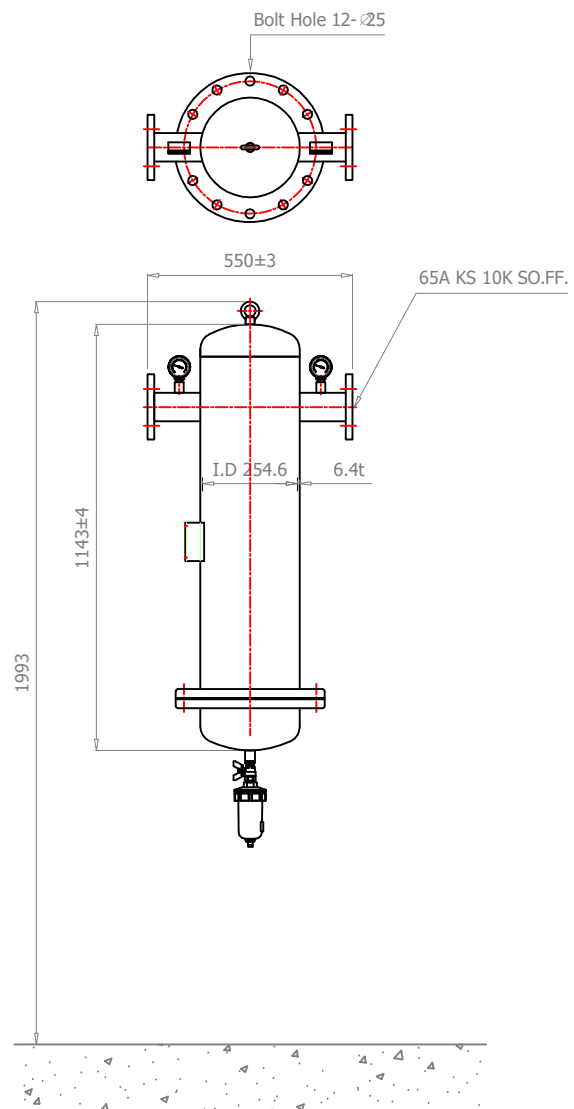
NOTE

1. THE LEG IS OPTIONAL.
2. THE DIFFERENTIAL PRESSURE GAUGE IS OPTIONAL.

△										
△										
△										
△										
REV NO.	DATE	DESCRIPTION	DWG	CHK	APPD	APPD	APPD	APPD	APPD	APPD
PROJECT										
-										
MANUFACTURER										
TITLE										
HYF-5-65A OUTLINE										
ITEM NO.	HYF-65A	DWG NO.						REV.		
SCALE	NONE	GSA-HYF-065A-02								

	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Coalescer Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-1-65A	
1	SPECIFICATION						
2	Element Type	Coalescer		Inlet Flow Rate	28	Nm3/min	
3	Element Quantity	2	EA	Inlet Pressure	7	barg	
4	Element Filtration	1	micron	Inlet Temp.	38	°C	
5		1	ppm	Outlet Flow Rate	28	Nm3/min	
6	Element Design Temp.	54	°C	Outlet Pressure	6.8	barg	
7	Flow Direction	Inside to Outside		Outlet Temp.	38	°C	
8	Design Code	KS B 6750-3		Pressure Drop	0.2	bar	
9	Auto Drain	HAD-20		Design Pressure	9.7	barg	
10				Design Temperature	100	°C	
11	CONSTRUCTION						
12	Inlet Connection	65A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	65A	KS 10K SO.FF.	Weight	88	kg	
14	Drain Connection	15A	PT Female Screw	Color (Munsell)	5.7PB 4.1/9.9		
15	MATERIALS						
16	Head	SS275					
17	Bowl	SPP					
18	Flange	SS275					
19	Gasket	Non-Asbestos					
20	Element	Borosilicate					
21	Bolt / Nut	SS400					
22	STANDRAD FEATURES AND CONTROL						
23	Pressure Gauge	YES					
24	Differential Indicator	NO					
25	Differential Transmitter	NO					
26	Auto Drain	YES					
27	NOTES						
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

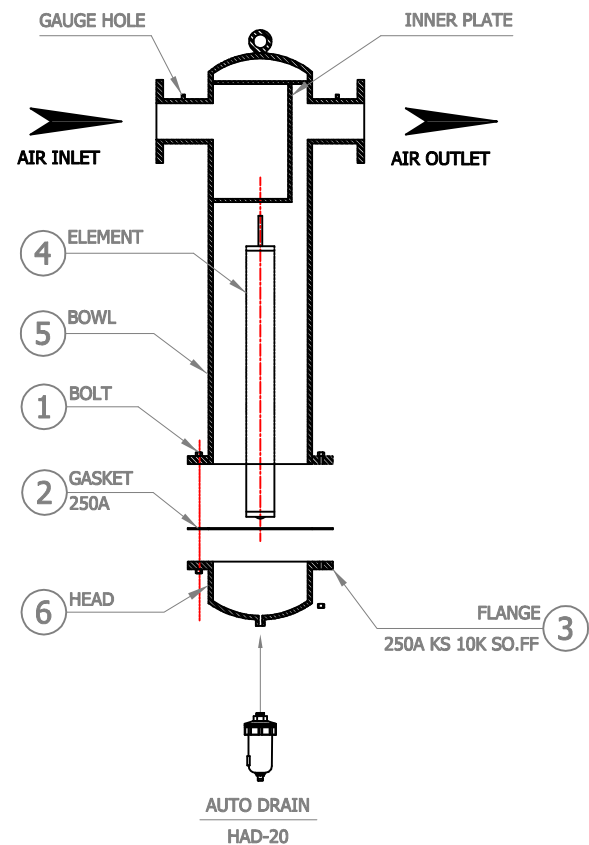
DIMENSION



NOTE

1. THE LEG IS OPTIONAL.
2. THE DIFFERENTIAL PRESSURE GAUGE IS OPTIONAL.

ASSEMBLY



MODEL		HYF-1-65A	
CAPACITY		28 Nm³/min	
INLET AIR TEMPERATURE		MAX. 54 °C	
MAX. INLET AIR PRESSURE		9.7 barg	
ELEMENT TYPE		COALESCECER	
FILTRATION		1 MICRON	
		1 PPM	
IN/OUT CONNECTION		65A FLANGE	
FLOW DIRECTION		INSIDE TO OUTSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	BOROSILICATE	2
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

△										
△										
△										
△										
△										
△										
△										
2028.09.24		ISSUED FOR PROPOSAL								
REV. NO.	DATE	DESCRIPTION	DWG	CHK	APPD	APPD	APP			
PROJECT _____										
-										
MANUFACTURER _____										
										
TITLE _____										
HYF-1-65A OUTLINE										
ITEM NO.	HYP-65A	DWG NO.						REV.		
SCALE	NONE	GSA-HYF-065A-03								

	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Coalescer Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
Project Name		-		Model Name		HYF-0.1-65A	
1	SPECIFICATION						
2	Element Type	Coalescer		Inlet Flow Rate	28	Nm3/min	
3	Element Quantity	2	EA	Inlet Pressure	7	barg	
4	Element Filtration	1	micron	Inlet Temp.	38	°C	
5		0.1	ppm	Outlet Flow Rate	28	Nm3/min	
6	Element Design Temp.	54	°C	Outlet Pressure	6.8	barg	
7	Flow Direction	Inside to Outside		Outlet Temp.	38	°C	
8	Design Code	KS B 6750-3		Pressure Drop	0.2	bar	
9	Auto Drain	HAD-20		Design Pressure	9.7	barg	
10				Design Temperature	100	°C	
11	CONSTRUCTION						
12	Inlet Connection	65A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	65A	KS 10K SO.FF.	Weight	88	kg	
14	Drain Connection	15A	PT Female Screw	Color (Munsell)	5.7PB 4.1/9.9		
15	MATERIALS						
16	Head	SS275					
17	Bowl	SPP					
18	Flange	SS275					
19	Gasket	Non-Asbestos					
20	Element	Borosilicate					
21	Bolt / Nut	SS400					
22	STANDRAD FEATURES AND CONTROL						
23	Pressure Gauge	YES					
24	Differential Indicator	NO					
25	Differential Transmitter	NO					
26	Auto Drain	YES					
27	NOTES						
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

DIMENSION



ASSEMBLY



AUTO DRAIN

HAD-20

NOTE

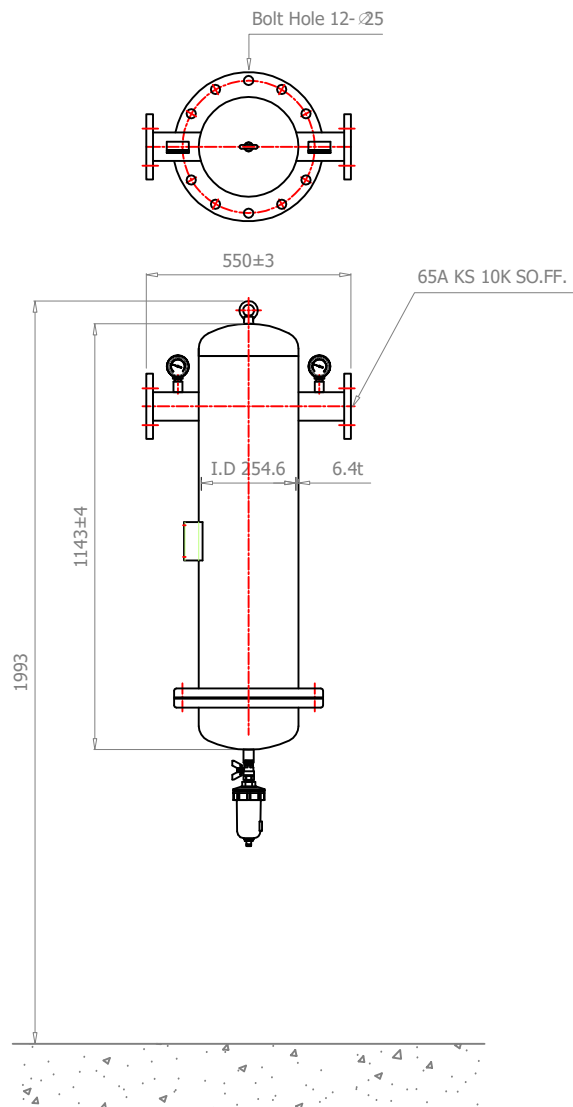
1. THE LEG IS OPTIONAL.
2. THE DIFFERENTIAL PRESSURE GAUGE IS OPTIONAL.

MODEL		HYF-0.1-65A	
CAPACITY		28 Nm³/min	
INLET AIR TEMPERATURE		MAX. 54 °C	
MAX. INLET AIR PRESSURE		9.7 barg	
ELEMENT TYPE		COALESCER	
FILTRATION		1 MICRON	
		0.1 PPM	
IN/OUT CONNECTION		65A FLANGE	
FLOW DIRECTION		INSIDE TO OUTSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	BOROSILICATE	2
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

△									
△									
△									
△									
△									
△									
REV NO.	DATE	DESCRIPTION	DWG	CNK	APPD	APPD	APPD	APPD	APPD
PROJECT									
-									
MANUFACTURER									
 Global Structural Analysis & Design									
TITLE									
HYF-0.1-65A OUTLINE									
ITEM NO.	HYF-GSA		DWG NO.						
SCALE	NONE		GSA-HYF-065A-04						
								1	(A1 : 841mm x 594mm)

	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Coalescer Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-0.01-65A	
1	SPECIFICATION						
2	Element Type	Coalescer		Inlet Flow Rate	28	Nm3/min	
3	Element Quantity	2	EA	Inlet Pressure	7	barg	
4	Element Filtration	1	micron	Inlet Temp.	38	°C	
5		0.01	ppm	Outlet Flow Rate	28	Nm3/min	
6	Element Design Temp.	54	°C	Outlet Pressure	6.8	barg	
7	Flow Direction	Inside to Outside		Outlet Temp.	38	°C	
8	Design Code	KS B 6750-3		Pressure Drop	0.2	bar	
9	Auto Drain	HAD-20		Design Pressure	9.7	barg	
10				Design Temperature	100	°C	
11	CONSTRUCTION						
12	Inlet Connection	65A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	65A	KS 10K SO.FF.	Weight	88	kg	
14	Drain Connection	15A	PT Female Screw	Color (Munsell)	5.7PB 4.1/9.9		
15	MATERIALS						
16	Head	SS275					
17	Bowl	SPP					
18	Flange	SS275					
19	Gasket	Non-Asbestos					
20	Element	Borosilicate					
21	Bolt / Nut	SS400					
22	STANDRAD FEATURES AND CONTROL						
23	Pressure Gauge	YES					
24	Differential Indicator	NO					
25	Differential Transmitter	NO					
26	Auto Drain	YES					
27	NOTES						
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

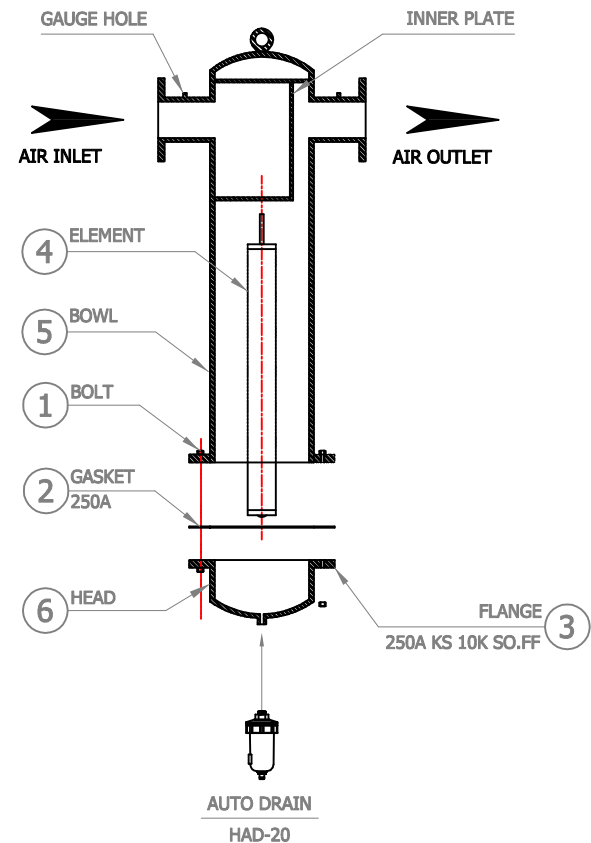
DIMENSION



NOTE

1. THE LEG IS OPTIONAL.
2. THE DIFFERENTIAL PRESSURE GAUGE IS OPTIONAL.

ASSEMBLY

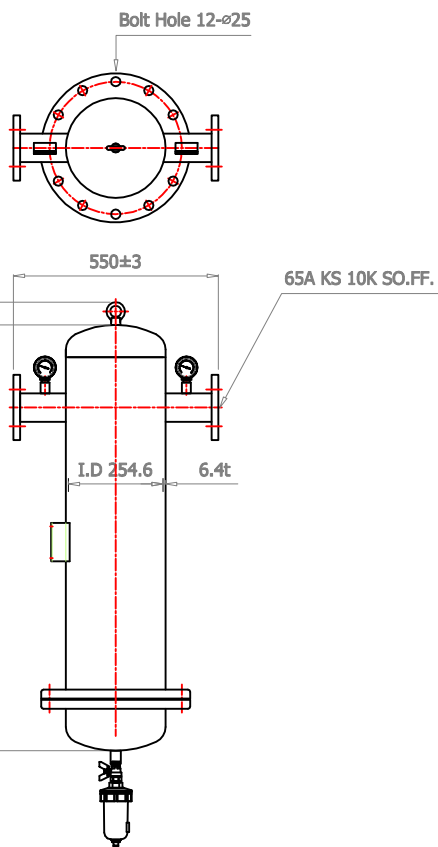


MODEL		HYF-0.01-65A	
CAPACITY		28 Nm³/min	
INLET AIR TEMPERATURE		MAX. 54 °C	
MAX. INLET AIR PRESSURE		9.7 barg	
ELEMENT TYPE		COALESCER	
FILTRATION		1 MICRON	
		0.01 PPM	
IN/OUT CONNECTION		65A FLANGE	
FLOW DIRECTION		INSIDE TO OUTSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	BOROSILICATE	2
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

[illegible]

	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Coalescer Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-0.01F-65A	
1	SPECIFICATION						
2	Element Type	Coalescer		Inlet Flow Rate	28	Nm3/min	
3	Element Quantity	2	EA	Inlet Pressure	7	barg	
4	Element Filtration	1	micron	Inlet Temp.	38	°C	
5		0.01	ppm	Outlet Flow Rate	28	Nm3/min	
6	Element Design Temp.	54	°C	Outlet Pressure	6.8	barg	
7	Flow Direction	Inside to Outside		Outlet Temp.	38	°C	
8	Design Code	KS B 6750-3		Pressure Drop	0.2	bar	
9	Auto Drain	HAD-20		Design Pressure	9.7	barg	
10				Design Temperature	100	°C	
11	CONSTRUCTION						
12	Inlet Connection	65A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	65A	KS 10K SO.FF.	Weight	88	kg	
14	Drain Connection	15A	PT Female Screw	Color (Munsell)	5.7PB 4.1/9.9		
15	MATERIALS						
16	Head	SS275					
17	Bowl	SPP					
18	Flange	SS275					
19	Gasket	Non-Asbestos					
20	Element	Borosilicate					
21	Bolt / Nut	SS400					
22	STANDRAD FEATURES AND CONTROL						
23	Pressure Gauge	YES					
24	Differential Indicator	NO					
25	Differential Transmitter	NO					
26	Auto Drain	YES					
27	NOTES						
28	- Added Carbon Layer						
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

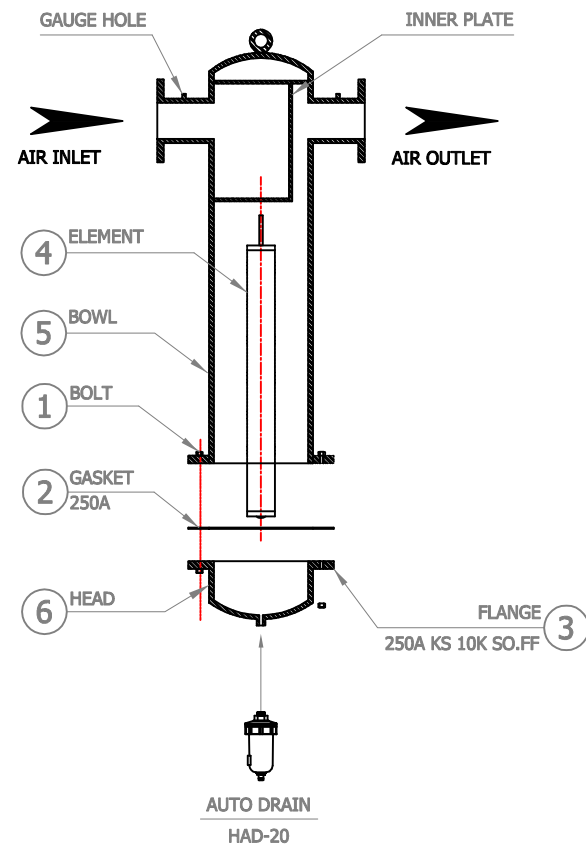
DIMENSION



NOTE

1. THE LEG IS OPTIONAL.
2. THE DIFFERENTIAL PRESSURE GAUGE IS OPTIONAL.

ASSEMBLY



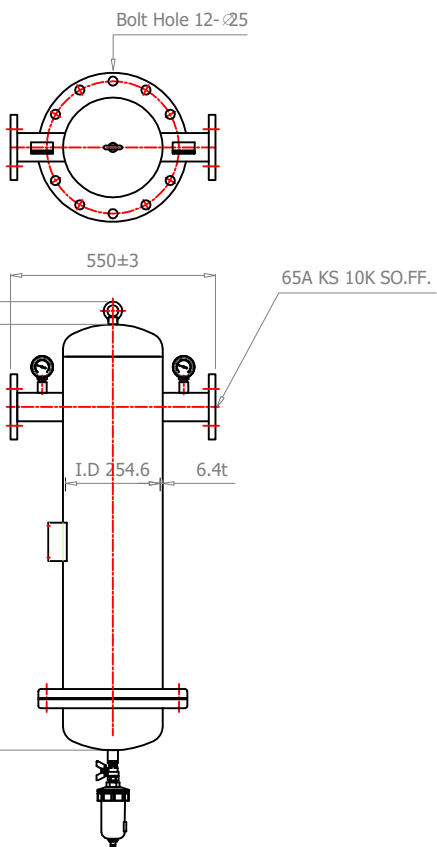
MODEL		HYF-0.01F-65A	
CAPACITY		28 Nm³/min	
INLET AIR TEMPERATURE		MAX. 54 °C	
MAX. INLET AIR PRESSURE		9.7 barg	
ELEMENT TYPE		COALESCER	
FILTRATION		1 MICRON	
		0.01 PPM(Carbon Layer)	
IN/OUT CONNECTION		65A FLANGE	
FLOW DIRECTION		INSIDE TO OUTSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	BOROSILICATE	2
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

[illegible]

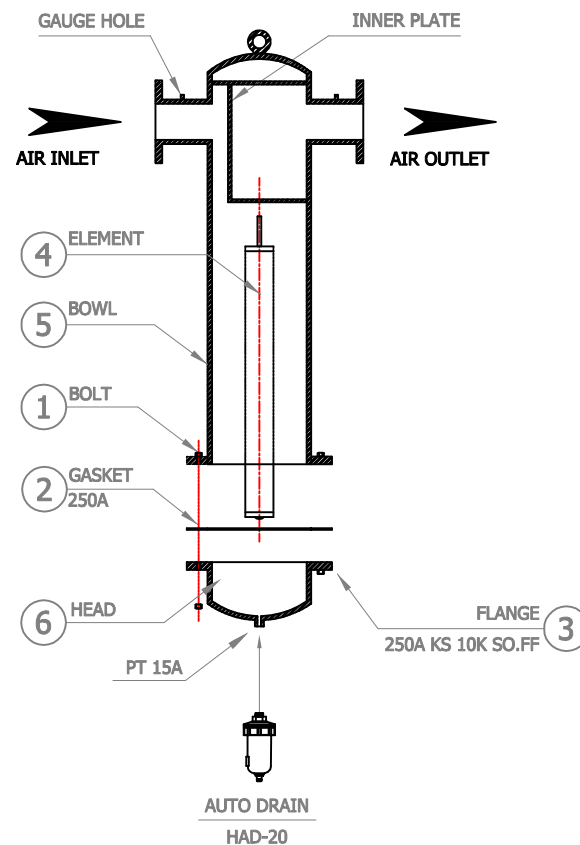
	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Adsorber Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-0.003-65A	
1	SPECIFICATION						
2	Element Type	Adsorber		Inlet Flow Rate	28	Nm3/min	
3	Element Quantity	2	EA	Inlet Pressure	7	barg	
4	Element Filtration	-	micron	Inlet Temp.	38	°C	
5		0.003	ppm	Outlet Flow Rate	28	Nm3/min	
6	Element Design Temp.	54	°C	Outlet Pressure	6.8	barg	
7	Flow Direction	Inside to Outside		Outlet Temp.	38	°C	
8	Design Code	KS B 6750-3		Pressure Drop	0.2	bar	
9	Auto Drain	HAD-20		Design Pressure	9.7	barg	
10				Design Temperature	100	°C	
11	CONSTRUCTION						
12	Inlet Connection	65A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	65A	KS 10K SO.FF.	Weight	88	kg	
14	Drain Connection	15A	PT Female Screw	Color (Munsell)	5.7PB 4.1/9.9		
15	MATERIALS						
16	Head	SS275					
17	Bowl	SPP					
18	Flange	SS275					
19	Gasket	Non-Asbestos					
20	Element	Activated Carbon					
21	Bolt / Nut	SS400					
22	STANDRAD FEATURES AND CONTROL						
23	Pressure Gauge	YES					
24	Differential Indicator	NO					
25	Differential Transmitter	NO					
26	Auto Drain	YES					
27	NOTES						
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Coalescer Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-0.01(PARKER)-65A	
1	SPECIFICATION						
2	Element Type	Particulate		Inlet Flow Rate	28	Nm3/min	
3	Element Quantity	2	EA	Inlet Pressure	7	barg	
4	Element Filtration	0.01	micron	Inlet Temp.	38	°C	
5		-	ppm	Outlet Flow Rate	28	Nm3/min	
6	Element Design Temp.	54	°C	Outlet Pressure	6.8	barg	
7	Flow Direction	Outside to Inside		Outlet Temp.	38	°C	
8	Design Code	KS B 6750-3		Pressure Drop	0.2	bar	
9	Auto Drain	HAD-20		Design Pressure	9.7	barg	
10				Design Temperature	100	°C	
11	CONSTRUCTION						
12	Inlet Connection	65A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	65A	KS 10K SO.FF.	Weight	88	kg	
14	Drain Connection	15A	PT Female Screw	Color (Munsell)	5.7PB 4.1/9.9		
15	MATERIALS						
16	Head	SS275					
17	Bowl	SPP					
18	Flange	SS275					
19	Gasket	Non-Asbestos					
20	Element	Glass Fiber					
21	Bolt / Nut	SS400					
22	STANDRAD FEATURES AND CONTROL						
23	Pressure Gauge	YES					
24	Differential Indicator	NO					
25	Differential Transmitter	NO					
26	Auto Drain	YES					
27	NOTES						
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

DIMENSION



ASSEMBLY



MODEL		HYF-0.01(PARKER)-65A	
CAPACITY		28 Nm ³ /min	
INLET AIR TEMPERATURE		MAX. 54 °C	
MAX. INLET AIR PRESSURE		9.7 barg	
ELEMENT TYPE		COALESCER	
FILTRATION		0.01 MICRON	
IN/OUT CONNECTION		65A FLANGE	
FLOW DIRECTION		OUTSIDE TO INSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	GLASS FIBER	2
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

NOTE

1. THE LEG IS OPTIONAL.
2. THE DIFFERENTIAL PRESSURE GAUGE IS OPTIONAL.

△									
△									
△									
△									
△									
REV NO.	DATE	DESCRIPTION	DWG	CHK	APPD	APPD	APPD	APPD	
PROJECT									
MANUFACTURER									
 Global Standard Air & Gas									
TITLE									
HYF-0.01(PARKER)-GSA OUTLINE									
ITEM NO.	HYP-GSA	DWG NO.	GSA-HYP-065A-08				REV.		
SCALE	NONE								