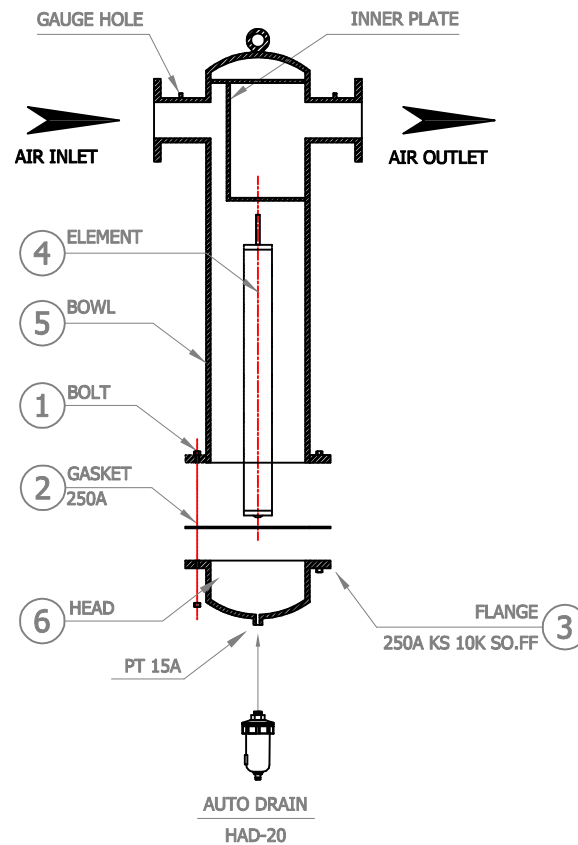


	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Particulate Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-40-80A	
1	SPECIFICATION						
2	Element Type	Particulate		Inlet Flow Rate	42	Nm3/min	
3	Element Quantity	3	EA	Inlet Pressure	7	barg	
4	Element Filtration	40	micron	Inlet Temp.	38	°C	
5		-	ppm	Outlet Flow Rate	42	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	80A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	80A	KS 10K SO.FF.	Weight	103	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						
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ASSEMBLY



MODEL	HYF-40-80A		
CAPACITY	42 Nm³/min		
INLET AIR TEMPERATURE	MAX. 65 °C		
MAX. INLET AIR PRESSURE	9.7 barg		
ELEMENT TYPE	PARTICULATE		
FILTRATION	40 MICRON		
IN/OUT CONNECTION	80A FLANGE		
FLOW DIRECTION	OUTSIDE TO INSIDE		
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	POLYETHYLENE	3
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

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

REV. NO.	DATE	DESCRIPTION	DWG	CHK	APPD	APPR
2026.09.24		ISSUED FOR PROPOSAL				

PROJECT

MANUFACTURER

Global Structural Analysis & Design

TITLE

HYF-40-80A OUTLINE

ITEM NO.	HYF-GSA	DWG NO.
SCALE	NONE	GSA-HYF-080A-01

REV.

1 (A1 : 841mm x 594mm)

 Global Standard Air & Gas	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-5-80A	
1	SPECIFICATION						
2	Element Type	Particulate		Inlet Flow Rate	42	Nm3/min	
3	Element Quantity	3	EA	Inlet Pressure	7	barg	
4	Element Filtration	5	micron	Inlet Temp.	38	°C	
5		-	ppm	Outlet Flow Rate	42	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	80A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	80A	KS 10K SO.FF.	Weight	103	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						
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	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-1-80A	
1	SPECIFICATION						
2	Element Type	Coalescer		Inlet Flow Rate	42	Nm3/min	
3	Element Quantity	3	EA	Inlet Pressure	7	barg	
4	Element Filtration	1	micron	Inlet Temp.	38	°C	
5		1	ppm	Outlet Flow Rate	42	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	80A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	80A	KS 10K SO.FF.	Weight	103	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						
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DIMENSION



NOTE

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

ASSEMBLY



MODEL		HYF-1-80A	
CAPACITY		42 Nm³/min	
INLET AIR TEMPERATURE		MAX. 54 °C	
MAX. INLET AIR PRESSURE		9.7 barg	
ELEMENT TYPE		COALESCER	
FILTRATION		1 MICRON	
		1 PPM	
IN/OUT CONNECTION		80A FLANGE	
FLOW DIRECTION		INSIDE TO OUTSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	BOROSILICATE	3
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

REV. NO.	DATE	ISSUED FOR PROPOSAL				CWG	CHK	APPD	APPD
PROJECT DESCRIPTION									
PROJECT _____									
-									
MANUFACTURER									
 Global Services Acquisition Division									
TITLE									
HYF-1-80A OUTLINE									
ITEM NO.	HYF-80A					CWG NO.			
SCALE	NONE					GSA-HYF-080A-03			

 Global Standard Air & Gas	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-0.1-80A	

1	SPECIFICATION					
2	Element Type	Coalescer		Inlet Flow Rate	42	Nm3/min
3	Element Quantity	3	EA	Inlet Pressure	7	barg
4	Element Filtration	1	micron	Inlet Temp.	38	°C
5		0.1	ppm	Outlet Flow Rate	42	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	80A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm
13	Outlet Connection	80A	KS 10K SO.FF.	Weight	103	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					
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DIMENSION



NOTE

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

ASSEMBLY

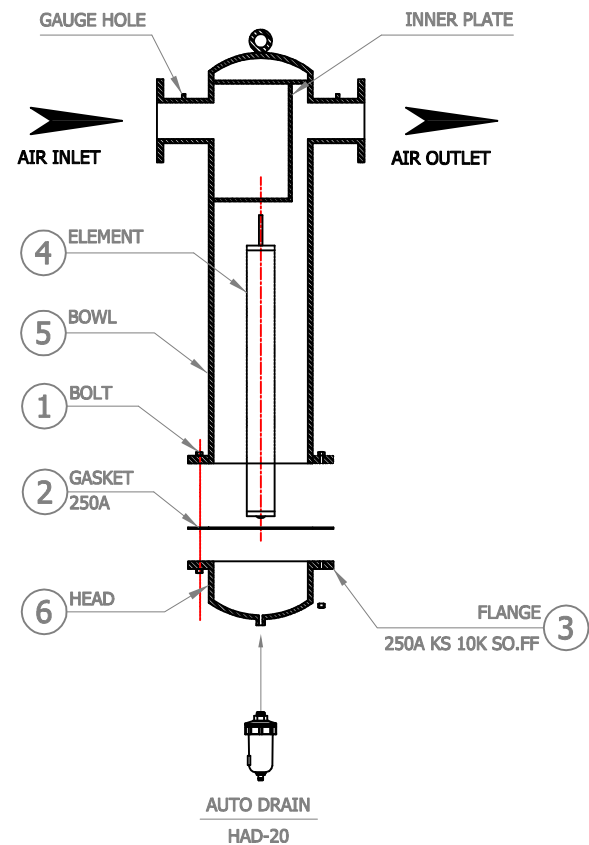


MODEL		HYF-0.1-80A	
CAPACITY		42 Nm³/min	
INLET AIR TEMPERATURE		MAX. 54 °C	
MAX. INLET AIR PRESSURE		9.7 barg	
ELEMENT TYPE		COALESCER	
FILTRATION		1 MICRON	
		0.1 PPM	
IN/OUT CONNECTION		80A FLANGE	
FLOW DIRECTION		INSIDE TO OUTSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	BOROSILICATE	3
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

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NO.	2024-08-24	ISSUED FOR PROPOSAL								
REV. NO.	DATE	DESCRIPTION	DWG	CHK	APPD	APPD	APPD	APPD	APPD	APPD
PROJECT -										
MANUFACTURER  Global Standard Air & Gas										
TITLE HYF-0.1-80A OUTLINE										
ITEM NO.	HYP-80A	DWG NO.						REV.		
SCALE	NONE	GSA-HYF-080A-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-0.01-80A	
1	SPECIFICATION						
2	Element Type	Coalescer		Inlet Flow Rate	42	Nm3/min	
3	Element Quantity	3	EA	Inlet Pressure	7	barg	
4	Element Filtration	1	micron	Inlet Temp.	38	°C	
5		0.01	ppm	Outlet Flow Rate	42	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	80A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	80A	KS 10K SO.FF.	Weight	103	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						
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ASSEMBLY



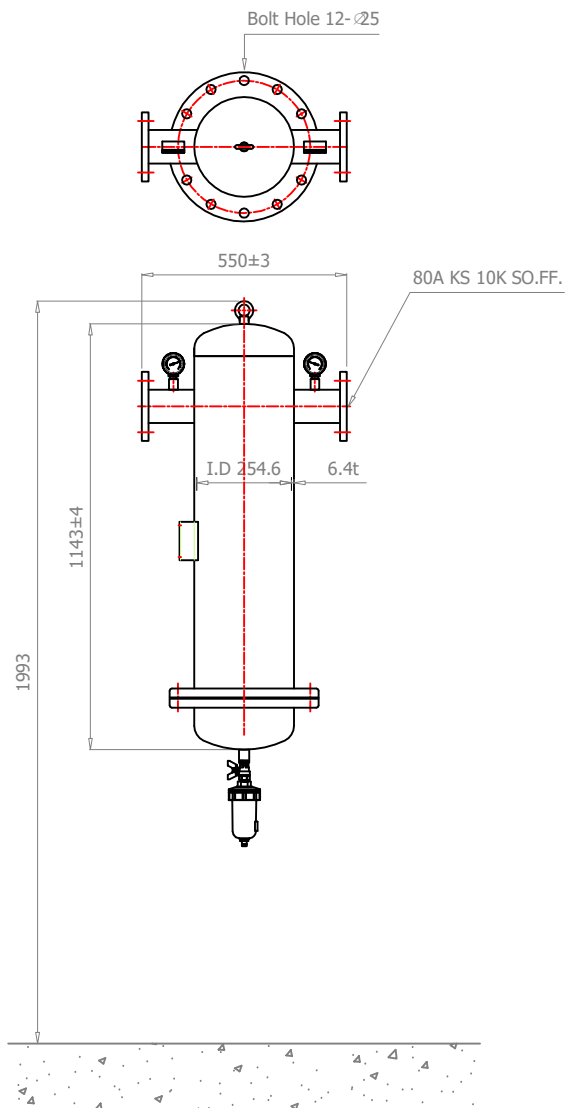
MODEL		HYF-0.01-80A	
CAPACITY		42 Nm³/min	
INLET AIR TEMPERATURE		MAX. 54 °C	
MAX. INLET AIR PRESSURE		9.7 barg	
ELEMENT TYPE		COALESCER	
FILTRATION		1 MICRON	
		0.01 PPM	
IN/OUT CONNECTION		80A FLANGE	
FLOW DIRECTION		INSIDE TO OUTSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	3
4	ELEMENT	BOROSILICATE	1
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

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

[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-80A	
1	SPECIFICATION						
2	Element Type	Coalescer		Inlet Flow Rate	42	Nm3/min	
3	Element Quantity	3	EA	Inlet Pressure	7	barg	
4	Element Filtration	1	micron	Inlet Temp.	38	°C	
5		0.01	ppm	Outlet Flow Rate	42	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	80A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	80A	KS 10K SO.FF.	Weight	103	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						
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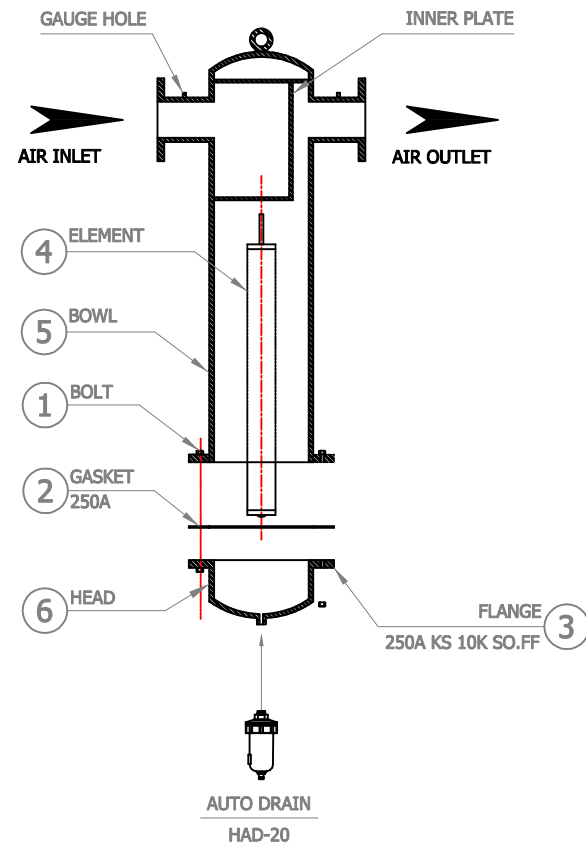
DIMENSION



NOTE

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

ASSEMBLY



MODEL		HYF-0.01F-80A	
CAPACITY		42 Nm ³ /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		80A FLANGE	
FLOW DIRECTION		INSIDE TO OUTSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	BOROSILICATE	3
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

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A	2026-09-24	ISSUED FOR PROPOSAL							
REV NO.	DATE	DESCRIPTION			DWG	CHK	APPD	APPD	APPD
PROJECT									
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MANUFACTURER									
									
TITLE									
HYF-0.01F-80A OUTLINE									
ITEM NO.	HYP-80A	DWG NO.			GSA-HYF-080A-06			REV.	
SCALE	NONE								
1 (A1 : 841mm x 594mm)									

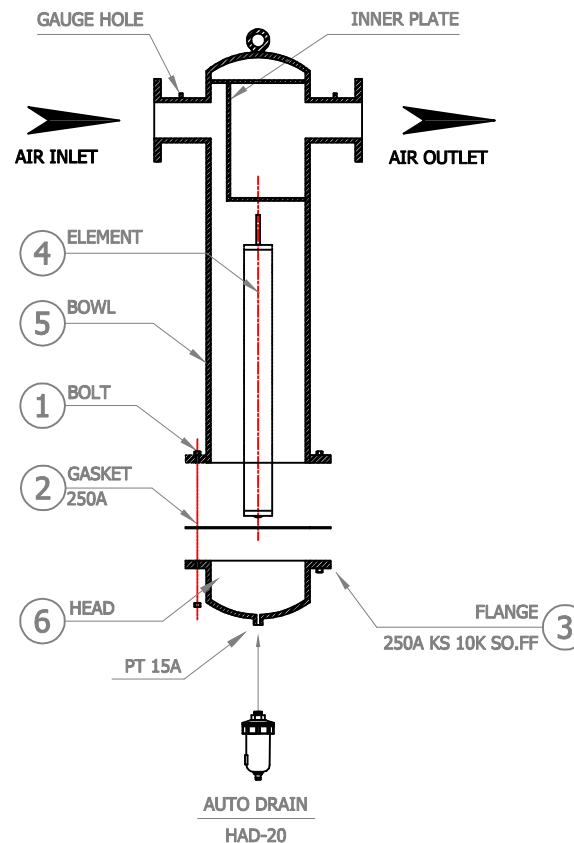
	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Adsorber Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-0.003-80A	
1	SPECIFICATION						
2	Element Type	Adsorber		Inlet Flow Rate	42	Nm3/min	
3	Element Quantity	3	EA	Inlet Pressure	7	barg	
4	Element Filtration	-	micron	Inlet Temp.	38	°C	
5		0.003	ppm	Outlet Flow Rate	42	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	80A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm	
13	Outlet Connection	80A	KS 10K SO.FF.	Weight	103	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						
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	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)-80A	
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1	SPECIFICATION					
2	Element Type	Coalescer		Inlet Flow Rate	42	Nm3/min
3	Element Quantity	3	EA	Inlet Pressure	7	barg
4	Element Filtration	0.01	micron	Inlet Temp.	38	°C
5		-	ppm	Outlet Flow Rate	42	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	80A	KS 10K SO.FF.	Dimension (W x L)	550 X 1143	mm
13	Outlet Connection	80A	KS 10K SO.FF.	Weight	103	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					
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ASSEMBLY



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

MODEL	HYF-0.01(PARKER)-80		
CAPACITY	42 Nm ³ /min		
INLET AIR TEMPERATURE	MAX. 54 °C		
MAX. INLET AIR PRESSURE	9.7 barg		
ELEMENT TYPE	COALESCE		
FILTRATION	0.01 MICRON		
IN/OUT CONNECTION	80A FLANGE		
FLOW DIRECTION	OUTSIDE TO INSIDE		
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	GLASS FIBER	3
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 80L	12
NO.	PART NAME	DESCRIPTION	QTY

[illegible]