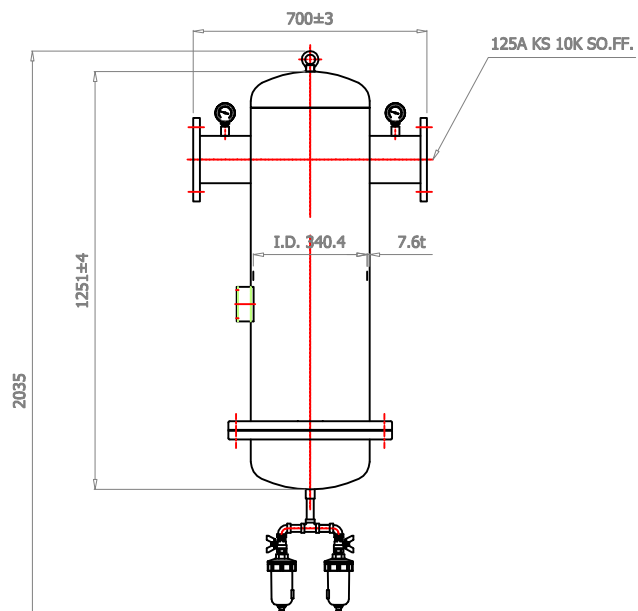
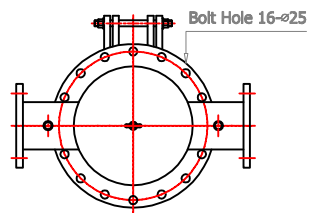


	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Particulate Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-40-125A	
1	SPECIFICATION						
2	Element Type	Particulate		Inlet Flow Rate	84	Nm3/min	
3	Element Quantity	6	EA	Inlet Pressure	7	barg	
4	Element Filtration	40	micron	Inlet Temp.	38	°C	
5		-	ppm	Outlet Flow Rate	84	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	125A	KS 10K SO.FF.	Dimension (W x L)	700 X 1251	mm	
13	Outlet Connection	125A	KS 10K SO.FF.	Weight	170	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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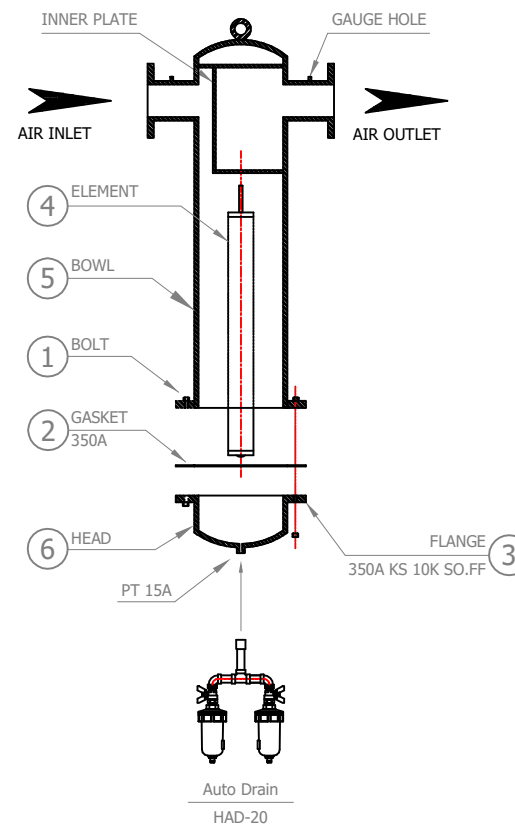
DIMENSION



NOTE

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

ASSEMBLY

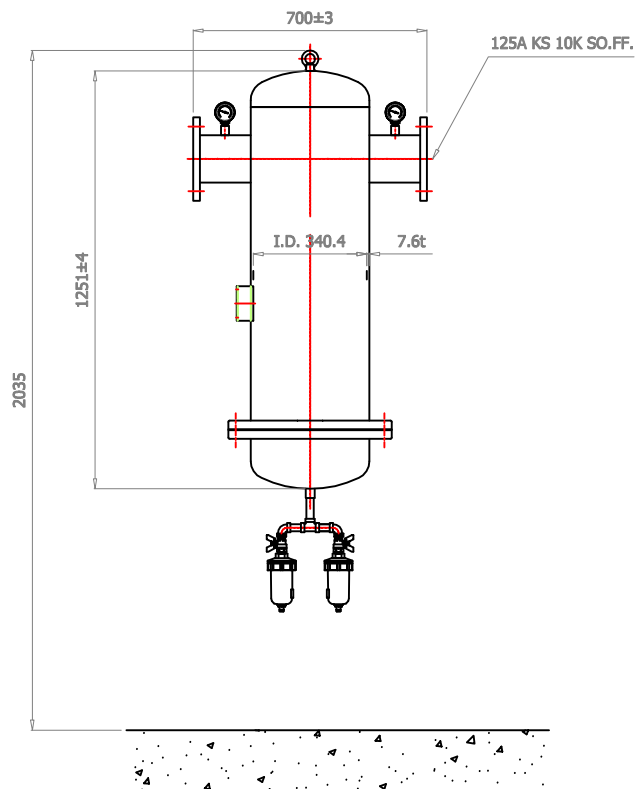


MODEL		HYF-40-125A
CAPACITY		84 Nm ³ /min
INLET AIR TEMPERATURE		MAX. 65 °C
MAX. INLET AIR PRESSURE		9.7 barg
ELEMENT TYPE		PARTICULATE
FILTRATION		40 MICRON
IN/OUT CONNECTION		125A FLANGE
FLOW DIRECTION		OUTSIDE TO INSIDE
6	HEAD	SS275
5	BOWL	SPP
4	ELEMENT	POLYETHYLENE
3	FLANGE	SS275
2	GASKET	NON-ASBESTOS
1	BOLT	M22 X 75L
NO.	PART NAME	DESCRIPTION

[illegible]

	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-5-125A	
1	SPECIFICATION						
2	Element Type	Particulate		Inlet Flow Rate	84	Nm3/min	
3	Element Quantity	6	EA	Inlet Pressure	7	barg	
4	Element Filtration	5	micron	Inlet Temp.	38	°C	
5		-	ppm	Outlet Flow Rate	84	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	125A	KS 10K SO.FF.	Dimension (W x L)	700 X 1251	mm	
13	Outlet Connection	125A	KS 10K SO.FF.	Weight	170	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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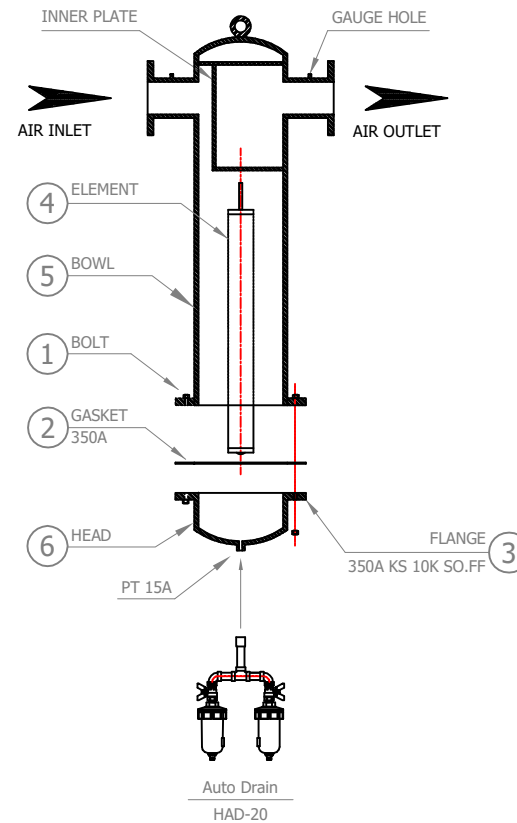
DIMENSION



NOTE

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

ASSEMBLY

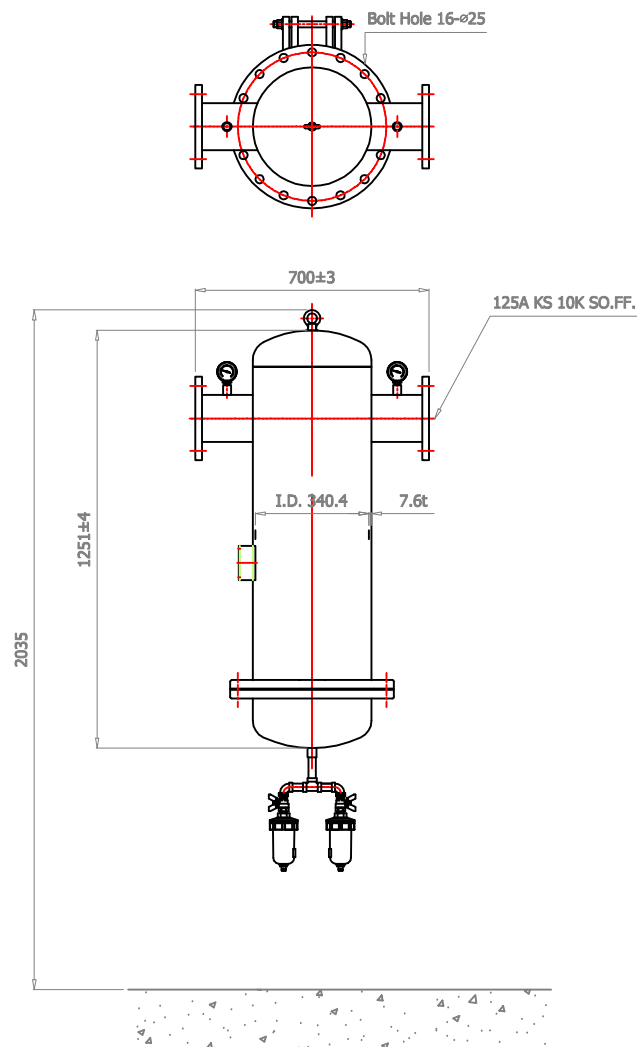


MODEL		HYF-5-125A	
CAPACITY		84 Nm ³ /min	
INLET AIR TEMPERATURE		MAX. 65 °C	
MAX. INLET AIR PRESSURE		9.7 barg	
ELEMENT TYPE		PARTICULATE	
FILTRATION		5 MICRON	
IN/OUT CONNECTION		125A FLANGE	
FLOW DIRECTION		OUTSIDE TO INSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	POLYETHYLENE	6
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 75L	16
NO.	PART NAME	DESCRIPTION	QTY

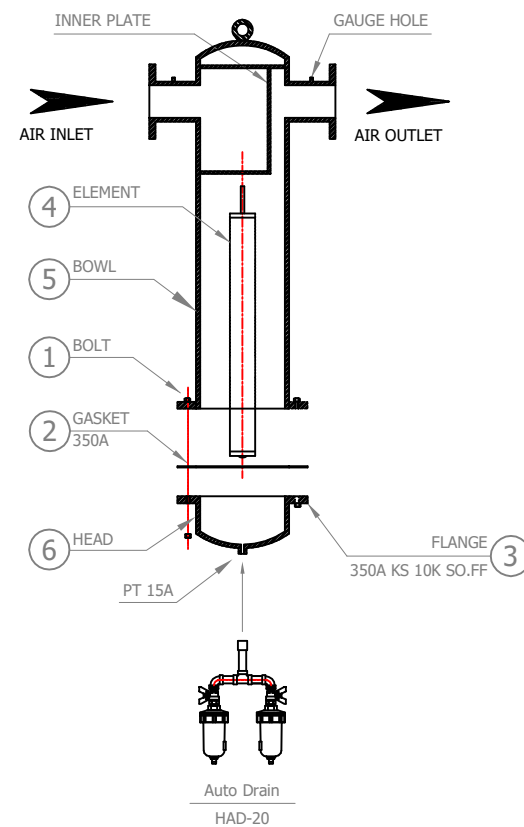
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REV NO.	DATE	DESCRIPTION	DWG	CHK	APPD	APPD	APPD
PROJECT _____							
MANUFACTURER Global Standard Air & Gas							
TITLE HYF-5-125A OUTLINE							
ITEM NO.	HYP-125A	DWG NO.				GSA-HYF-125A-02	REV
SCALE	NONE						
		1				(A1 : 841mm x 594mm)	

	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Coalescer Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-1-125A	
1	SPECIFICATION						
2	Element Type	Coalescer		Inlet Flow Rate	84	Nm3/min	
3	Element Quantity	6	EA	Inlet Pressure	7	barg	
4	Element Filtration	1	micron	Inlet Temp.	38	°C	
5		1	ppm	Outlet Flow Rate	84	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	125A	KS 10K SO.FF.	Dimension (W x L)	700 X 1251	mm	
13	Outlet Connection	125A	KS 10K SO.FF.	Weight	170	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



ASSEMBLY



MODEL		HYF-1-125A	
CAPACITY		84 Nm ³ /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		125A FLANGE	
FLOW DIRECTION		INSIDE TO OUTSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	BOROSILICATE	6
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 75L	16
NO.	PART NAME	DESCRIPTION	QTY

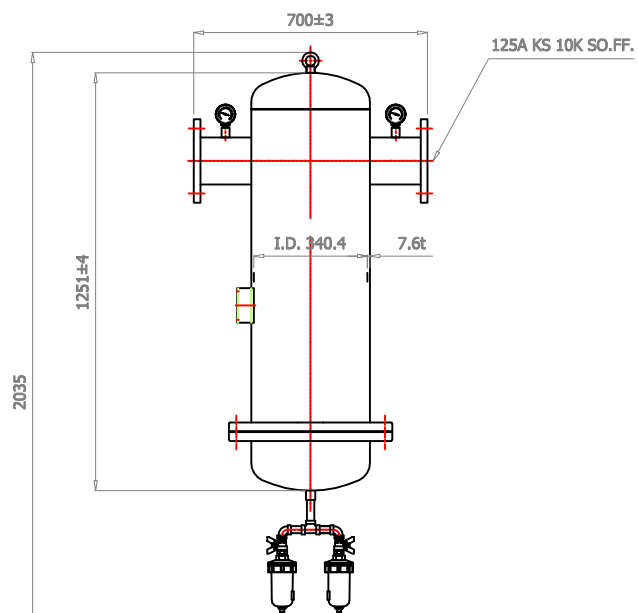
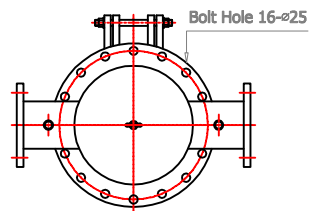
NOTE

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

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A									
A									
A									
B08-06-24	ISSUED FOR PROPOSAL								
REV NO.	DATE	DESCRIPTION	DWG	CHK	APPD	APPD	APPD	APPD	
									-
MANUFACTURER									
TITLE HYF-1-125A OUTLINE									
ITEM NO.	HYP-125A	DWG NO.	GSA-HYF-125A-03					REV	
SCALE	NONE								
		1		(A1 : 84mm 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.
	Coalescer Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-0.1-125A	
1	SPECIFICATION						
2	Element Type	Coalescer		Inlet Flow Rate	84	Nm3/min	
3	Element Quantity	6	EA	Inlet Pressure	7	barg	
4	Element Filtration	1	micron	Inlet Temp.	38	°C	
5		0.1	ppm	Outlet Flow Rate	84	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	125A	KS 10K SO.FF.	Dimension (W x L)	700 X 1251	mm	
13	Outlet Connection	125A	KS 10K SO.FF.	Weight	170	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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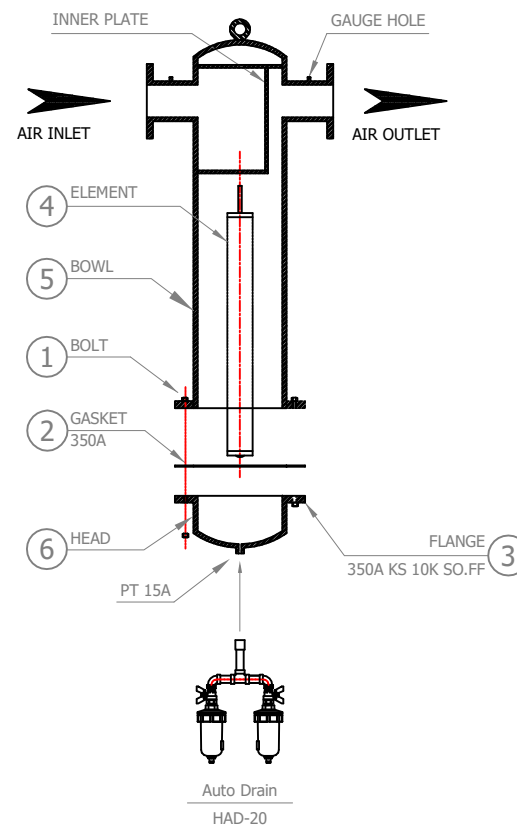
DIMENSION



NOTE

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

ASSEMBLY



MODEL	HYF-0.1-125A
CAPACITY	84 Nm³/min
INLET AIR TEMPERATURE	MAX. 54 °C
MAX. INLET AIR PRESSURE	9.7 barg
ELEMENT TYPE	COALESCECER
FILTRATION	1 MICRON
	0.1 PPM
IN/OUT CONNECTION	125A FLANGE
FLOW DIRECTION	INSIDE TO OUTSIDE

6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	BOROSILICATE	6
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 75L	16
NO.	PART NAME	DESCRIPTION	QT

[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-0.01-125A	
1	SPECIFICATION						
2	Element Type	Coalescer		Inlet Flow Rate	84	Nm3/min	
3	Element Quantity	6	EA	Inlet Pressure	7	barg	
4	Element Filtration	1	micron	Inlet Temp.	38	°C	
5		0.01	ppm	Outlet Flow Rate	84	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	125A	KS 10K SO.FF.	Dimension (W x L)	700 X 1251	mm	
13	Outlet Connection	125A	KS 10K SO.FF.	Weight	170	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



I.D. 340.4

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NOTE

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

ASSEMBLY



GAUGE HOLE

AIR INLET

AIR OUTLET

ELEMENT

BOWL

BOLT

GASKE

HEAD

FLANGE

PT 15A

350A KS 10K SQ.FF

Auto Drain
HAD-20

MODEL	HYF-0.01-125A
CAPACITY	84 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
IN/OUT CONNECTION	125A FLANGE
FLOW DIRECTION	INSIDE TO OUTSIDE

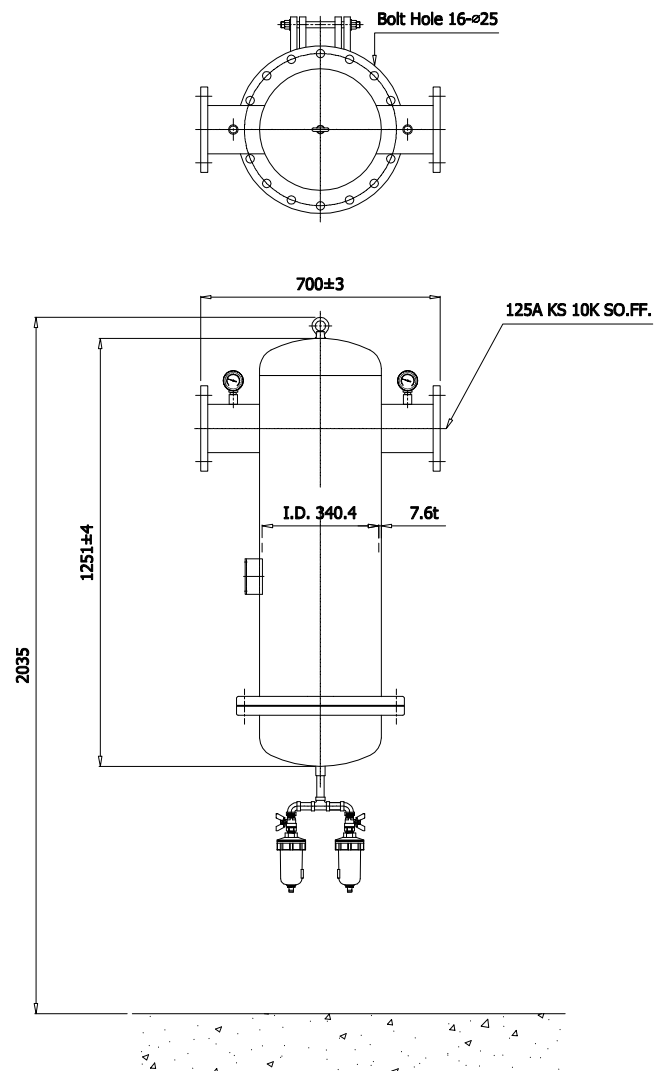
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	BOROSILICATE	6
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 75L	16
NO.	PART NAME	DESCRIPTION	QTY

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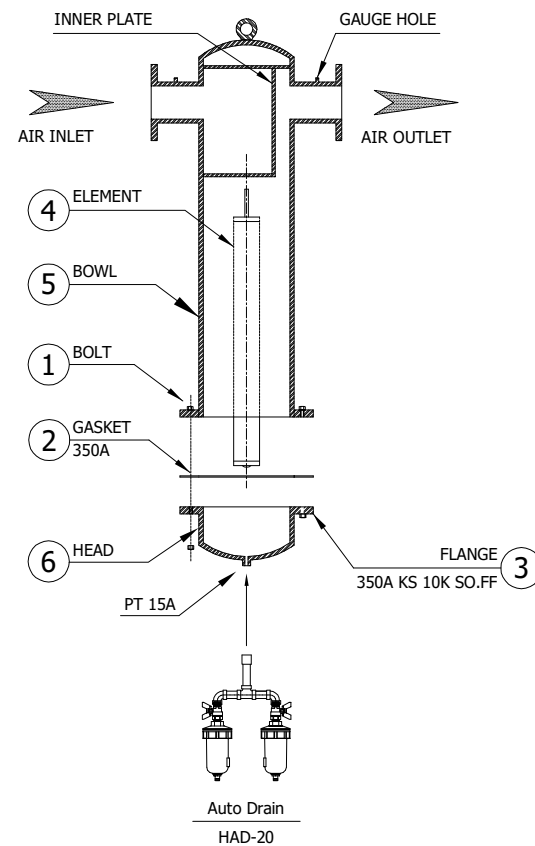
	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Coalescer Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
Project Name		-		Model Name		HYF-0.01F-125A	

1	SPECIFICATION					
2	Element Type	Coalescer		Inlet Flow Rate	84	Nm3/min
3	Element Quantity	6	EA	Inlet Pressure	7	barg
4	Element Filtration	1	micron	Inlet Temp.	38	°C
5		0.01	ppm	Outlet Flow Rate	84	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	125A	KS 10K SO.FF.	Dimension (W x L)	700 X 1251	mm
13	Outlet Connection	125A	KS 10K SO.FF.	Weight	170	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



ASSEMBLY



CAPACITY		84 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		125A FLANGE	
FLOW DIRECTION		INSIDE TO OUTSIDE	
6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	BOROSILICATE	6
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 75L	16
NO.	PART NAME	DESCRIPTION	QTY

NOTE

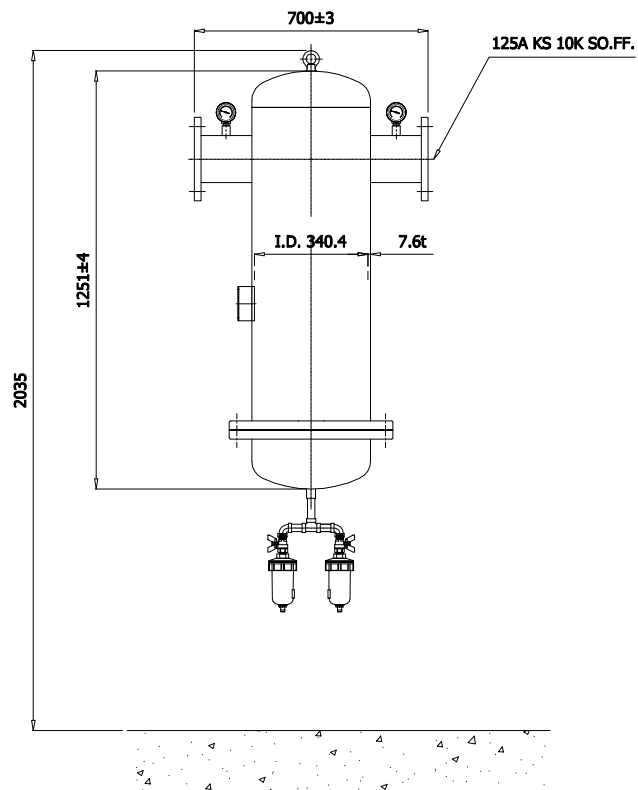
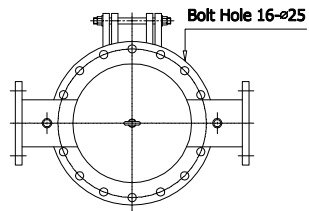
1. THE LEG IS OPTIONAL.
2. THE DIFFERENTIAL PRESSURE GAUGE IS OPTIONAL.

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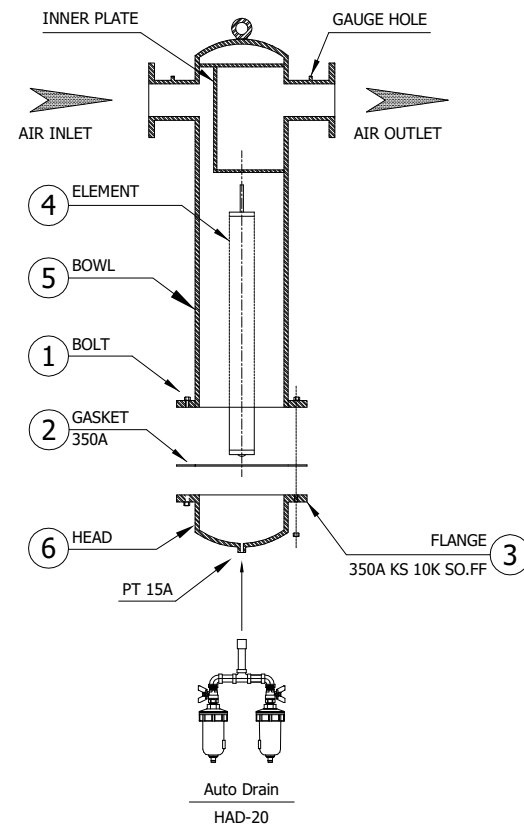
	Air Filter		Rev.	Date	Prepared By	Checked By	Approved By
			1	2019.01.15	LEE.S.M.	JO.S.J.	KIM.H.W.
	Adsorber Type		2	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			3				
			4				
Project Name		-		Model Name		HYF-0.003-125A	
1	SPECIFICATION						
2	Element Type	Adsorber		Inlet Flow Rate	84	Nm3/min	
3	Element Quantity	6	EA	Inlet Pressure	7	barg	
4	Element Filtration	-	micron	Inlet Temp.	38	°C	
5		0.003	ppm	Outlet Flow Rate	84	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	125A	KS 10K SO.FF.	Dimension (W x L)	700 X 1251	mm	
13	Outlet Connection	125A	KS 10K SO.FF.	Weight	170	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)-125A	
1	SPECIFICATION						
2	Element Type	Coalescer		Inlet Flow Rate	84	Nm3/min	
3	Element Quantity	6	EA	Inlet Pressure	7	barg	
4	Element Filtration	0.01	micron	Inlet Temp.	38	°C	
5		-	ppm	Outlet Flow Rate	84	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	125A	KS 10K SO.FF.	Dimension (W x L)	700 X 1251	mm	
13	Outlet Connection	125A	KS 10K SO.FF.	Weight	170	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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DIMENSION



ASSEMBLY



MODEL	HYF-0.01(PARKER)-125A
CAPACITY	84 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	125A FLANGE
FLOW DIRECTION	OUTSIDE TO INSIDE

6	HEAD	SS275	2
5	BOWL	SPP	1
4	ELEMENT	GLASS FIBER	6
3	FLANGE	SS275	2
2	GASKET	NON-ASBESTOS	1
1	BOLT	M22 X 75L	16
NO.	PART NAME	DESCRIPTION	QTY

NOTE

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

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DATE	2020-08-26	ISSUED FOR PROPOSAL								
REV. NO.	DATE	DESCRIPTION			DWG	CHK	APPD	APVD	APPD	
PROJECT -										
MANUFACTURER 										
TITLE HYF-0.01(PARKER)-125A OUTLINE										
ITEM NO.	HYP-125A	DWG NO.				GSA-HYF-125A-08			REV.	
SCALE	NONE									
						1			(A1 : 841mm x 594mm)	