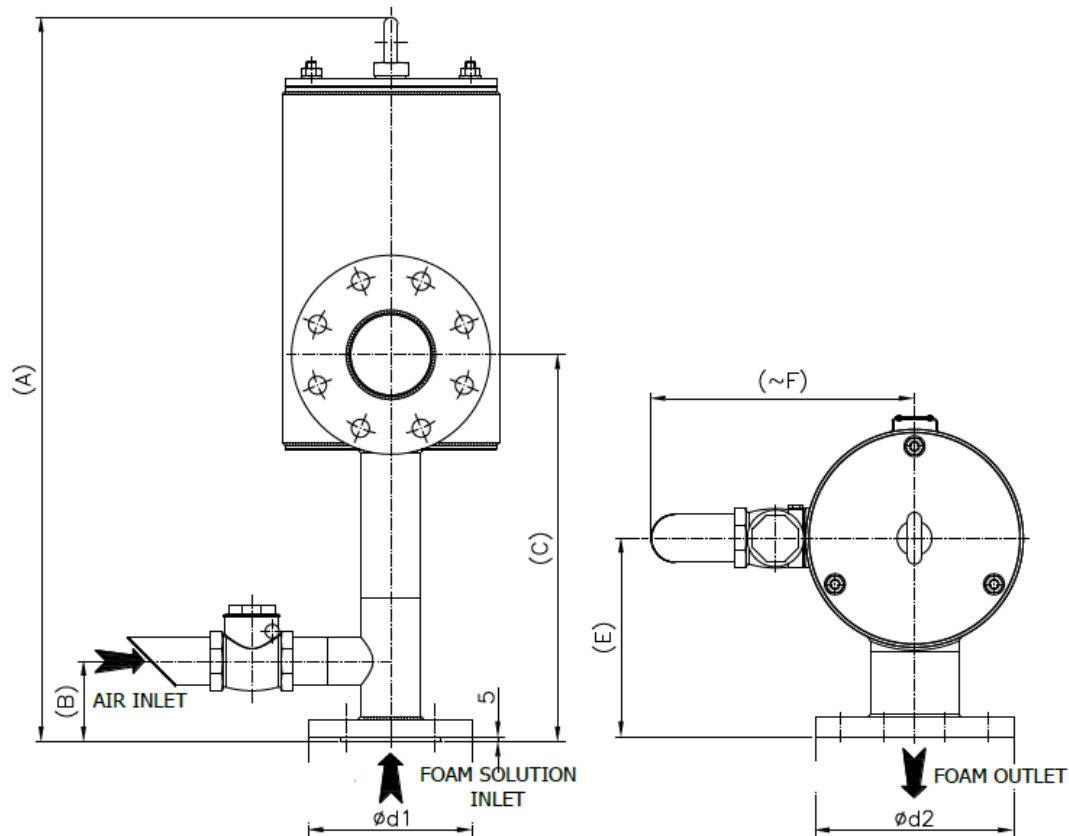

 Abysmal Energy Structure Co.Ltd.	Product Data Sheet	System : Water and Foam Extinguishing System	
	Foam Chamber		
Model No. : See Table	Data Sheet No.	Rev : 0	Date: 09/13/2014
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Foam Chamber use for fixed roof atmospheric storage tank.

فوم چمبرها جهت ساختن فوم و ریختن بر روی مایع قابل اشتعال در مخازن استفاده می گردند. این تجهیز برای مخازن با سقف ثابت استفاده می گردد.



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General Information

- **Application:** Foam Solution, 1% , 3%
- **Working Pressure:** 3~7 bar
- **Connection Size and Flow:**

Model No.	\varnothing_{in}	\varnothing_{out}	Flow Rate at 5bar (LPM)	A	B	C	Foam Production LPM@5 bar
AES-FS-002	2	3	200	745	82	400	1500
AES-FS-003	2	4	400	745	82	400	3000
AES-FS-004	3	6	800	977	104	535	6000
AES-FS-005	4	8	1500	996	120	555	11000
AES-FS-006	4	10	2000	1223	120	710	14000


- **Inlet/Outlet Flange Standard:** ANSI Standard
- Built in Foam Deflector

Material

- **Inlet Pipe:** ASTM A53 Pipe
- **Chamber:** ASTM A53 Pipe
- **Air Check Valve:** Brass
- **Calibrated Orifice:** Stainless Steel A304
- **Steam Seal:** Aluminum

Finish

- **3 Layer Painting:**
First Layer: Zinc Rich Epoxy, 70 mic.
Second Layer: Epoxy Polyamide, 70 mic.
Top Coat: Polyurethane Red Ral3020/3000, 50 mic.

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Installation & Maintenance

- Install on Riser Pipe Flange Using Gasket.
- **Maintenance:** Replace Aluminum Steam Seal after each Performance