



Sakhtar Energy Zharf Co. Ltd.

Product Data Sheet

Deluge Control Valve

System :

Water Extinguishing System

Data Sheet No.

AES-DSH-045

Rev : 0

Date: 09/13/2020

Page 1 of 3

Model No.: AES-WS-054

The pressure reducing valve automatically reduces a higher inlet pressure to a steady lower downstream pressure, regardless of changing flow rate and/or varying inlet pressure.

شیر کاهنده فشار برای کاهش میزان فشار در پایین دست سیستم اطفاء حریق بکار می‌رود. این شیر بدون توجه به تغییر جریان و فشار بالادست، به صورت خودکار فشار آب ورودی را به فشار معین و ثابتی در پایین دست خود کاهش می‌دهد.





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Page 2 of 3

General Information


- **Application:** Water System
- **Fluid Type:** Firewater/ Foam solution
- **Max. Working Pressure:** 16 bar
- **Test Pressure:** 24 bar
- **Connection Standard:** Flanged: ANSI B16.42
- **Available Sizes:** 1 ½", 2", 2 ½", 3", 4", 6", 8", 10" & 12"

Material

- **Main Valve Body and Cover:** Ductile Iron , Other Material on request
- **Elastomers:** NBR
- **Main Valve Trim:** Stainless Steel
- **Pilot Control System:** Cast Bronze with Stainless Steel Trim

Flow Properties

Valve Size (inch)	Min. Flow (GPM)	Max. Intended Flow (GPM)
1-1/2	40	110
2	45	196
2-1/2	50	306
3	57	441
4	100	783
6	220	1763
8	450	2700
10	620	4896*
12	880	7050*

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	AES-DSH-045		Page 3 of 3

Installation

- As all equipment are pre-installed to the skid, there is no need of special action on skid itself.

Maintenance

- Check the deluge valve operationally every week (manually and automatically).

Finish

- Electrostatic Powder Coating Polyester, RAL 3020