Model WC-1
WASTE CONE

ENGINEERING DATA SHEET



- Available for Onshore and Offshore Applications
- Manufactured in Accordance with NFPA 20
- Designed for use with UL/FM Approved Fire Pump Pressure Relief Valves

Optional Listed Materials for Seawater and Severe Service Applications:

- **Nickel Aluminum Bronze (NAB)** ASTM B148 Alloy C95800
- **Monel - QQ-N-288 Comp B** ASTM A494 Grade M30H
- **Cast Steel** ASTM A216 Grade WCB
- **316 Stainless Steel** ASTM A743 Grades CF3M and CF8M
- **Super Austenitic Stainless Steel** ASTM A351 Grade CK3MCuN (SMO 254)
- **Super Duplex Stainless Steel** ASTM A890 Grade 5A (CE3MN)

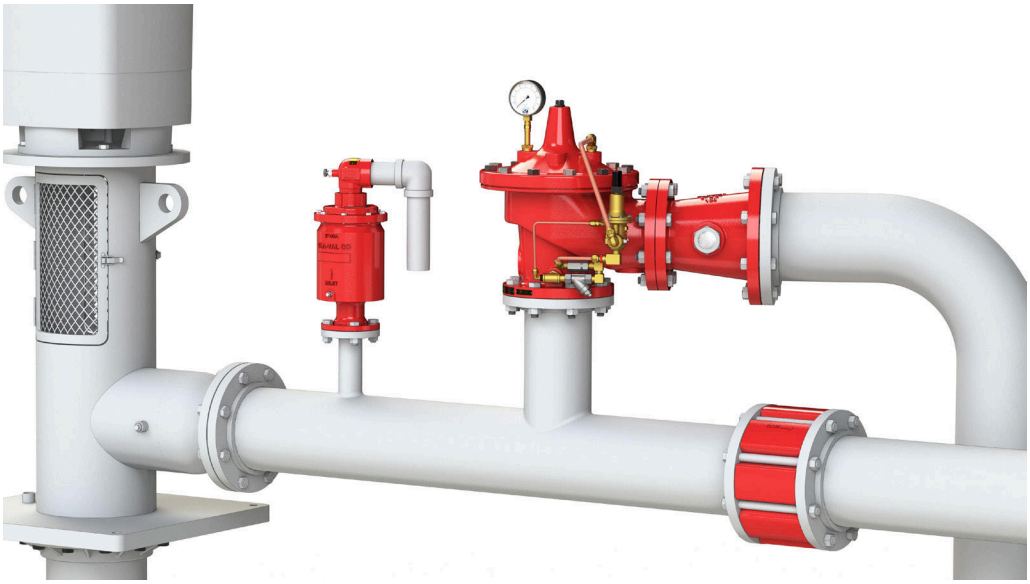
Typical Applications

Standards

- Fusion Bonded Red Epoxy Coated
- **Ductile Iron** ASTM A536-65
- **(2)** 2" 316 SS Sight Glasses per WC-1
- Single Body Casting (No Welding)

Flanges

- **150# Class** FF Standard
- **300# Class** RF Standard

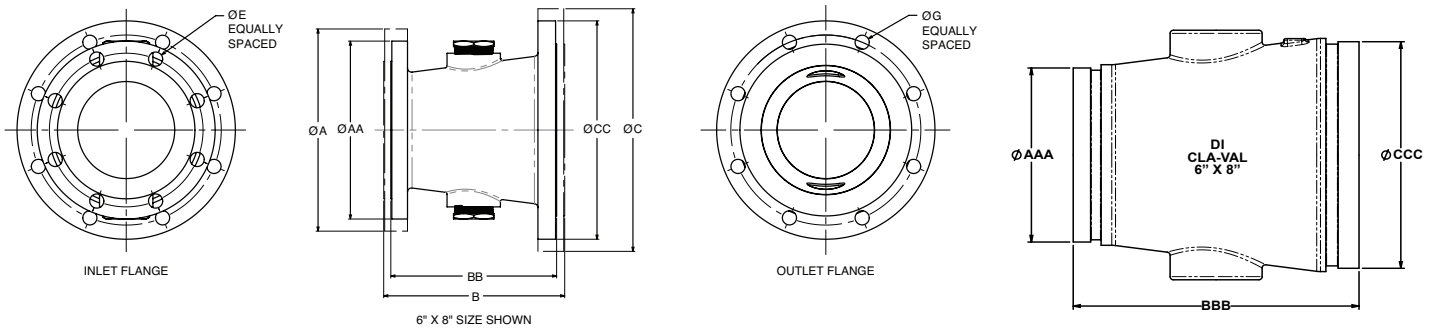


Fire Pump Relief

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Dimensions

Technical Data & Dimensions



Size Inlet X Outlet	Pump GPM	Pressure Class	ØA	ØAA	ØAAA	B	BB	BBB	ØC	ØCC	ØCCC	ØE	Number of Holes (Inlet)	Diameter of Bolts (Inlet)	ØG	Number of Holes (Outlet)	Diameter of Bolts (Outlet)	Weight (in LBS.)
3" X 5"	0 - 450	150LB	–	7.50	–	–	8.25	–	–	10.00	–	0.750	4	0.625	0.875	8	0.750	34
		300LB	8.25	–	–	9.24	–	–	11.00	–	–	0.875	8	0.750	0.875	8	0.750	53
		300V	–	–	8.25	–	–	4.38	–	–	5.81	–	–	–	–	–	–	13
3" X 6"	450 - 500	150LB	–	7.50	–	–	9.00	–	–	11.00	–	0.750	4	0.625	0.875	8	0.750	41
		300LB	8.25	–	–	9.69	–	–	12.50	–	–	0.875	8	0.750	0.875	12	0.750	63
		300V	–	–	9.00	–	–	4.88	–	–	6.88	–	–	–	–	–	–	16
4" X 6"	500 - 750	150LB	–	9.00	–	–	9.00	–	–	11.00	–	0.750	8	0.625	0.875	8	0.750	43
		300LB	10.00	–	–	9.75	–	–	12.50	–	–	0.875	8	0.750	0.875	12	0.750	70
		300V	–	–	9.00	–	–	4.88	–	–	6.88	–	–	–	–	–	–	17
4" X 8"	750 - 1000	150LB	–	9.00	–	–	10.25	–	–	13.50	–	0.750	8	0.625	0.875	8	0.750	62
		300LB	10.00	–	–	11.06	–	–	15.00	–	–	0.875	8	0.750	1.000	12	0.875	99
		300V	–	–	10.25	–	–	5.75	–	–	8.88	–	–	–	–	–	–	26
6" X 8"	1000 - 1500	150LB	–	11.00	–	–	10.25	–	–	13.50	–	0.875	8	0.750	0.875	8	0.750	67
		300LB	12.50	–	–	11.19	–	–	15.00	–	–	0.875	12	0.750	1.000	12	0.875	110
		300V	–	–	10.25	–	–	6.00	–	–	8.88	–	–	–	–	–	–	29
6" X 10"	1500 - 2500	150LB	–	11.00	–	–	11.50	–	–	16.00	–	0.875	8	0.750	1.000	12	0.875	94
		300LB	12.50	–	–	12.63	–	–	17.50	–	–	0.875	12	0.750	1.125	16	1.000	150
		300V	–	–	11.50	–	–	6.75	–	–	11.00	–	–	–	–	–	–	48
8" X 12"	2500 - 3500	150LB	–	13.50	–	–	13.00	–	–	19.00	–	0.875	8	0.750	1.000	12	0.875	138
		300LB	15.00	–	–	14.25	–	–	20.50	–	–	1.000	12	0.875	1.250	16	1.125	207
		300V	–	–	13.00	–	–	7.75	–	–	13.00	–	–	–	–	–	–	61
8" X 14"	3500 - 5000	150LB	–	13.50	–	–	14.00	–	–	21.00	–	0.875	8	0.750	1.125	12	1.000	173
		300LB	15.00	–	–	15.25	–	–	23.00	–	–	1.000	12	0.875	1.250	20	1.125	255
		300V	–	–	14.00	–	–	8.50	–	–	14.25	–	–	–	–	–	–	76

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