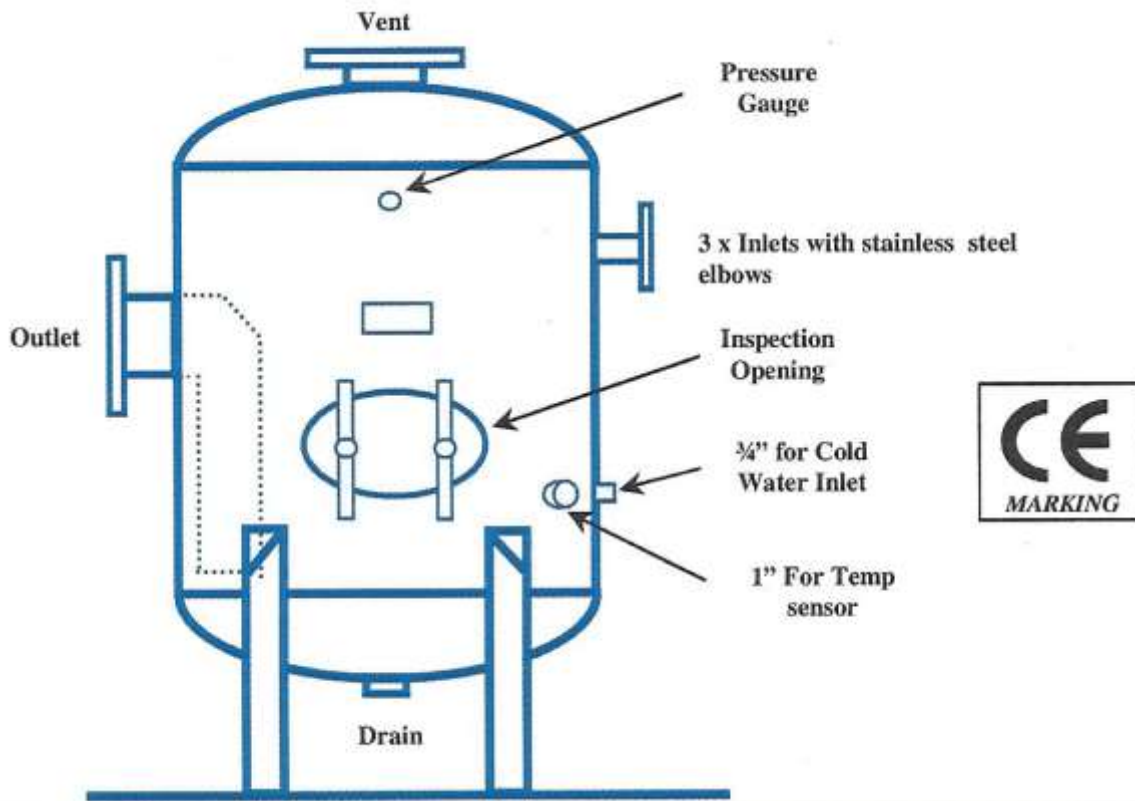


BLOWDOWN VESSEL



Description

Valveforce blowdown vessels are designed to cool down water from boiler purges including:

- Bottom blowdown
- Level gauge glass blowdown
- Level probe standpipes blowdown
- TDS continuous blowdown

As per PM60, the blowdown vessel has to have a design pressure of minimum 25% of boiler design pressure.

Design:

Design code: ASME VIII Div. 1 or PD5500 depending on size

Design pressure: 7 barg

Design temperature: Min 0 / Max 171°C

Hydrostatic test pressure: 13.68 barg

Material of construction: P265GH plate

Inside finish: self colour

Outside finish: Wire brushed clean with one coat metal primer

Inspection opening gasket: Silicone

Dimensions

TYPE	Overall Height	Shell size Øxlength	Vol	PN16 flanges				BSP	No. Legs	Weight
				Main inlet	Aux. inlets	Outlet	Vent	Drain		
2	950	381x450	65L	50	25	50	100	2"	3	80kg
4	1200	457x600	120L	50	25	50	100	2"	3	105kg
6	1400	508x750	180L	50	25	100	100	2"	3	130kg
8	1515	610x850	300L	50	25	100	100	2"	3	175kg
10	1535	762x850	480L	50	50	100	150	2"	3	280kg
12	1715	915x1000	810L	50	50	150	150	2"	3	400kg
14	1865	1067x1000	1150L	50	50	200	200	2"	4	510kg
16	1900	1220x1000	1550L	50	50	200	200	2"	4	600kg
18	2200	1372x1000	2100L	50	50	200	200	2"	4	820kg
20	2440	1525x1100	2800L	50	50	200	200	2"	4	1000kg
21	2740	1829x1100	4300L	50	50	200	250	2"	4	1600kg
22	2700	2134x1100	6200L	50	50	200	250	2"	4	2200kg