

Application

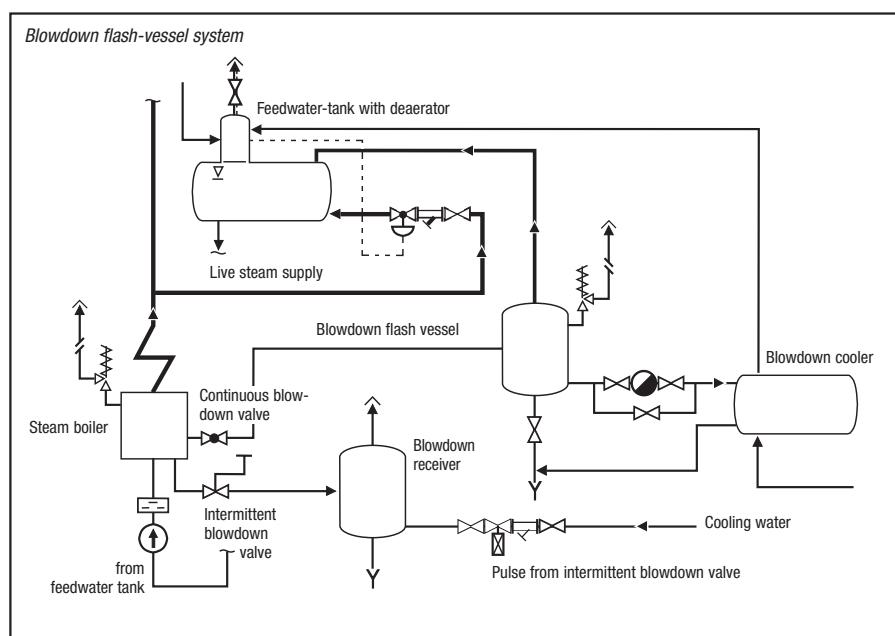
Condensate flash vessel

Condensate flash vessels can be used in all steam plants where condensate from steam consumers is reduced to a lower pressure. This pressure drop constitutes a change of the energy content that causes some of the condensate to revaporize and form flash steam.

In the flash vessel the flash steam is separated from the water, and then fed into a low-pressure steam system. The condensate remaining in the flash vessel is discharged into a condensate tank.

Blowdown flash vessel

Blowdown flash vessels are used if the flash steam formed downstream of continuous blowdown valves is to be utilized.



Technical Data

Type	Service pressure [bar]	Service temperature [°C]	Condensate flowrate [t/h]	Volume [l]	Material (DIN reference)
VD	0.5 – 12	111 – 250	1.2 – 40	50 – 1400	S235JRG2 P265GH
VD 45	28	250	0.2 – 1.2	15	P265GH GGG-40.3