

Condensate tank of rectangular design type SDR A with high-pressure centrifugal pump(s) installed next to the tank

Application

Condensate tanks are used to collect the condensate coming from steam users or flash vessels. From the tank the condensate is pumped into the feedwater tank by a level-controlled pump, in most cases via a deaerator.

Rectangular condensate tank type SDR A

The standard range of rectangular condensate tanks is designed for condensate flowrates of up to 10 t/h and a max. service pressure of 0.1 barg.

Tank made of steel type S235JRG2 (RSt 37-2), inside: untreated, outside: anti-corrosion coating **with two condensate pumps and accessories installed next to the tank, e. g.**

bimetal dial thermometer, water-level indicator, GESTRA level electrode and control for automatic pump operation, non-return valves, shut-off valves, high-pressure centrifugal pump(s) and pressure gauge. Completely assembled and interconnected, control cabinet supplied but not mounted.

Max. condensate temperature 90 °C

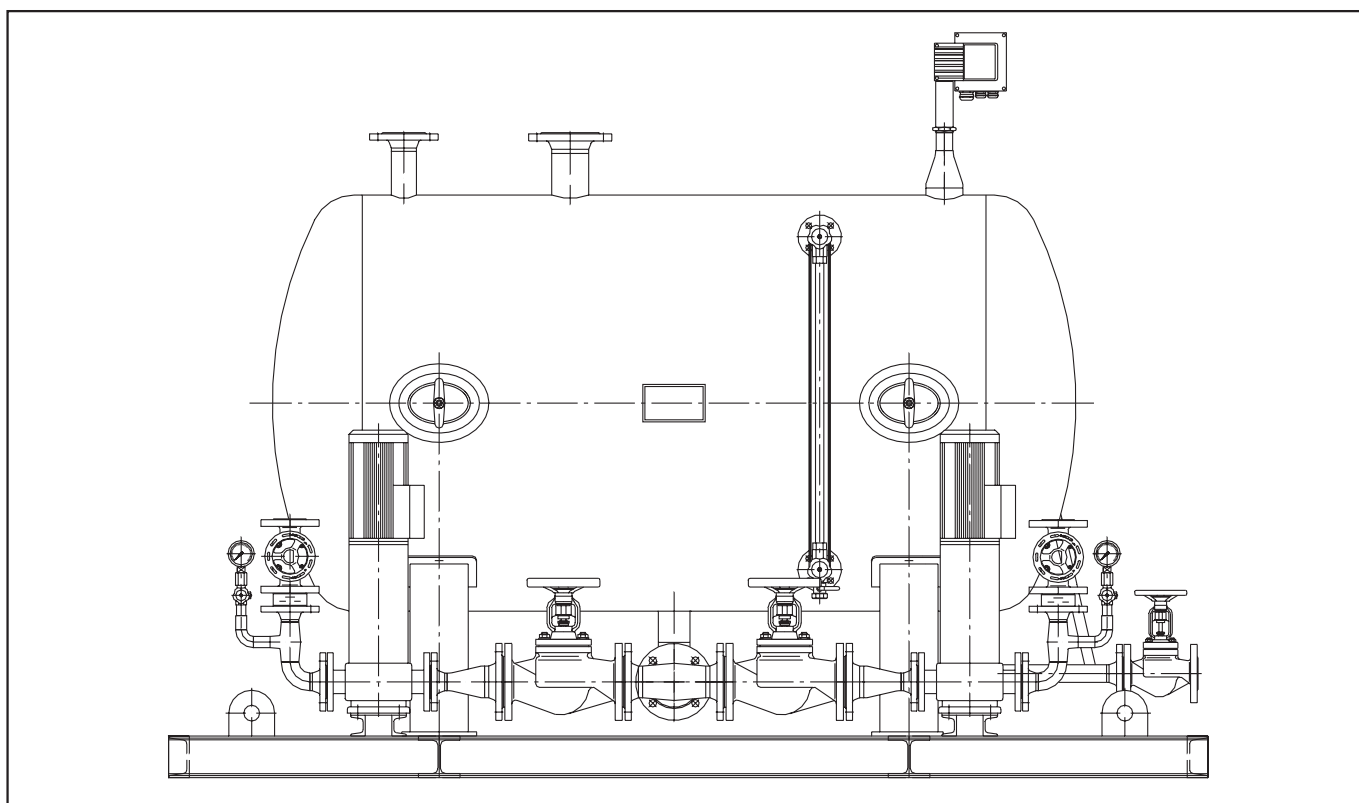
Size	Volume [l]	Pumping capacity [m³/h]
1	340	1
2	550	2
3	750	3
4	1000	4
5	1500	6
6	2000	8
7	2500	10

Vessels in compliance with
Conformity Assessment Section 3, Paragraph 3

Optional extras

Plastic coating type "A" up to max. 130 °C
Plastic coating type "B" up to max. 95 °C

**Tanks and valves made of other materials available on request.
Other pumping capacities and discharge heads on request.**



**Condensate receiver tank of cylindrical design type SD L (S)
with high-pressure centrifugal pump(s) installed next to the tank**
L = horizontal design; S = vertical design

Size	Volume [l]	Pumping capacity [m ³ /h]
I	250	1
II	390	2
III	850	4
IV	1370	6
V	2100	9
VI	2900	12
VII	3800	16
VIII	4500	20
IX	5900	25
X	6900	30

Max. condensate temperature 90 °C

Application

Condensate tanks are used to collect the condensate coming from steam users or flash vessels. From the tank the condensate is pumped into the feedwater tank by a level-controlled pump, in most cases via a deaerator.

Open condensate tank of cylindrical design type SD L (S)

The standard range of cylindrical condensate tanks is designed for condensate flowrates of up to 30 t/h and a max. service pressure of 1 bar. Higher flowrates available on request.

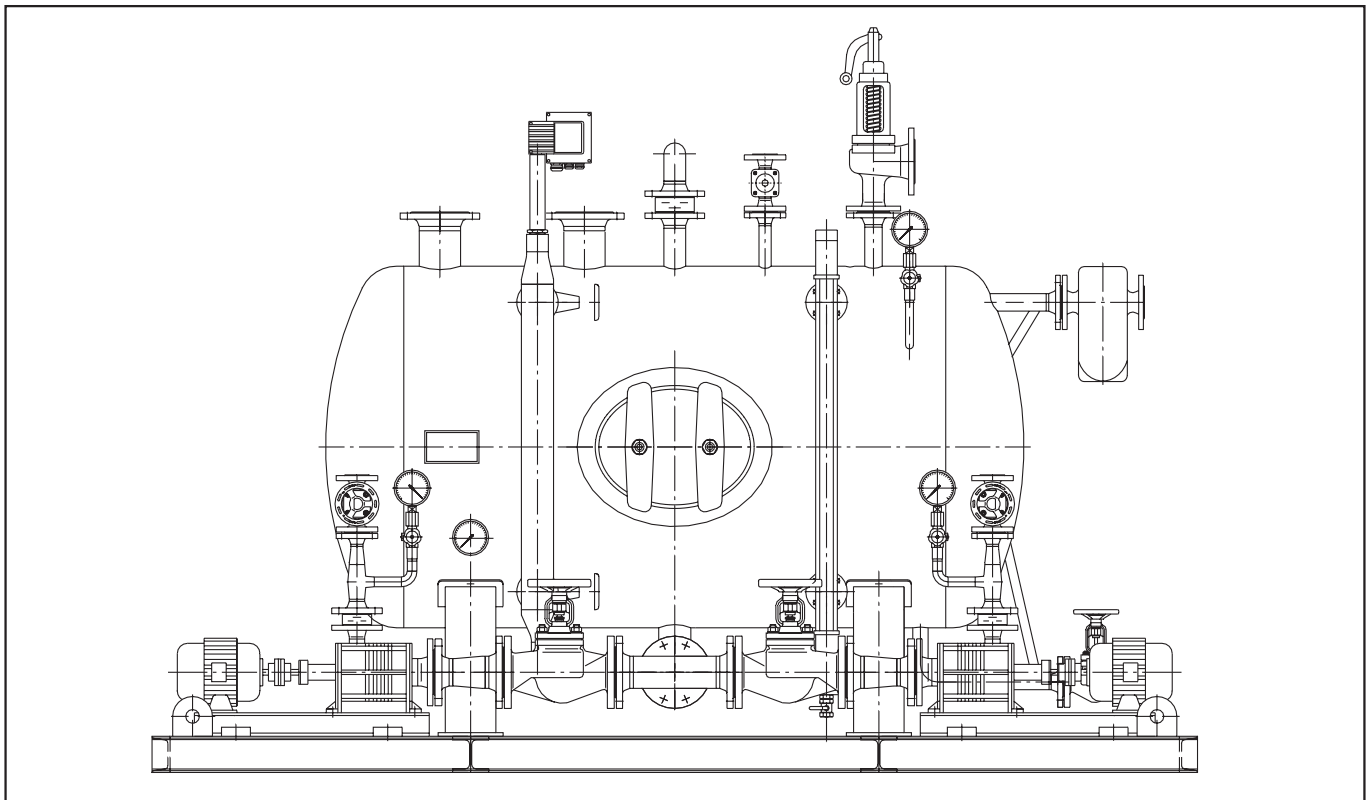
Tanks available as horizontal and vertical design, made of steel S235JRG2 (RSt 37-2), inside: untreated, outside: anti-corrosion coating **with two high-pressure pumps and associated valves and accessories installed next to the tank: e. g.** bimetal dial thermometer, pressure gauge assembly, water-level indicator, level electrode and control for automatic pump operation and non-return valves. Completely assembled and interconnected, control cabinet supplied but not mounted.

Optional extras

Plastic coating from D = 1000 mm onwards possible: type "A" up to max. 130 °C
Plastic coating from D = 1000 mm onwards possible: type "B" up to max. 95 °C

Other valve and tank materials available on request.

Other pumping capacities and discharge heads on request.



Condensate receiver tank of cylindrical design type SD L (S) with horizontal-type centrifugal pump(s) installed next to the tank

L = horizontal design; S = vertical design

Size	Volume [l]	Pumping capacity [m ³ /h]
I	250	1
II	390	2
III	850	4
IV	1370	6
V	2100	9
VI	2900	12
VII	3800	16
VIII	4500	20
IX	5900	25
X	6900	30

Application

Condensate tanks are used to collect the condensate coming from steam users or flash vessels. From the tank the condensate is pumped into the feedwater tank by a level-controlled pump, in most cases via a deaerator.

Closed condensate tanks of cylindrical design type SD L (S)

The standard range of cylindrical condensate tanks is designed for condensate flowrates of up to 30 t/h and a max. service pressure of 4 bar.

Higher pressure ratings and flowrates available on request.

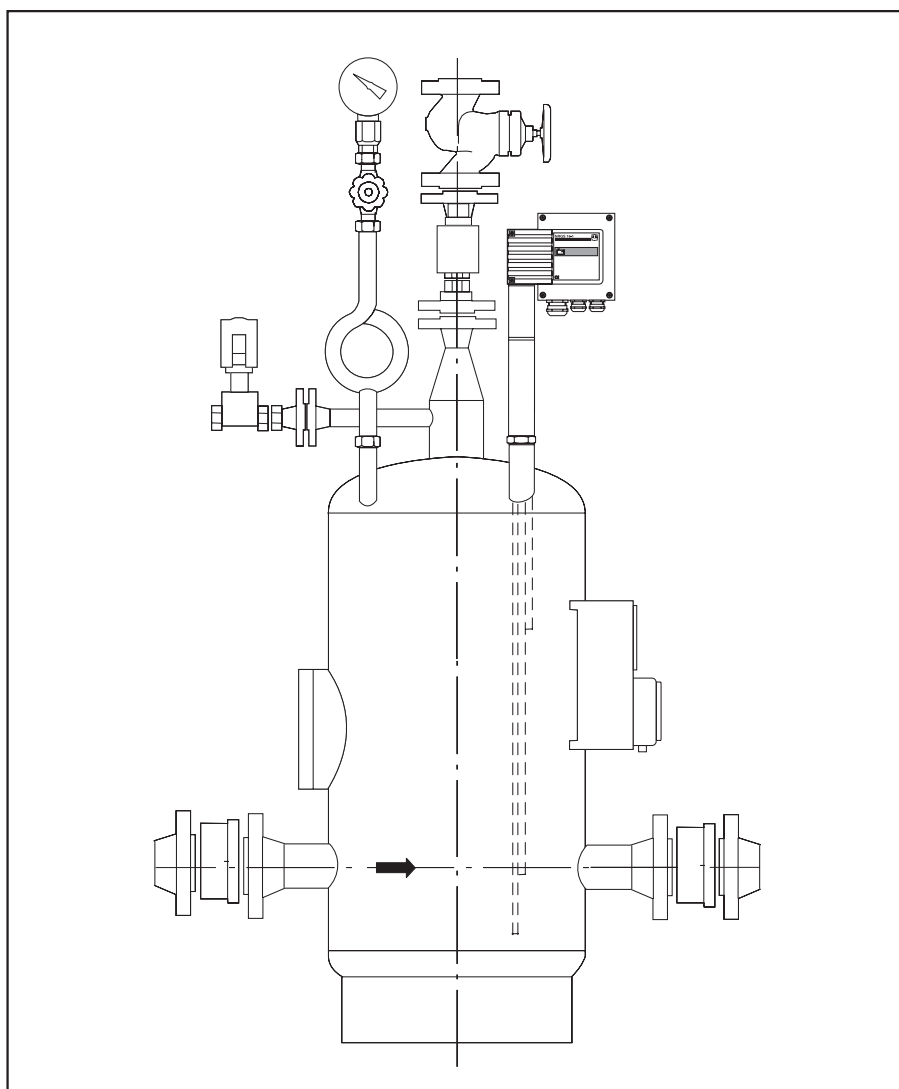
Tanks available as horizontal and vertical design, made of steel boiler plate type P265GH (H II), inside: untreated, outside: anti-corrosion coating **with two horizontal-type centrifugal pumps and associated valves and accessories installed next to the tank: e. g. bimetal dial thermometer, pressure gauge assembly, magnetically operated liquid level gauge, level electrode and control for automatic pump operation, safety device, overflow, air vent, vacuum breaker, shut-off valves and non-return valves.** Completely assembled and interconnected, control cabinet supplied but not mounted.

Optional extras

Plastic coating from D = 1000 mm onwards possible: type "A" up to max. 130 °C

Other valve and tank materials available on request.

Other pumping capacities and discharge heads on request.



Application

Condensate tanks are used to collect the condensate from steam processors or flash vessels. From the tank the condensate is returned to the main condensate tank or deaerator with the aid of level-controlled booster steam.

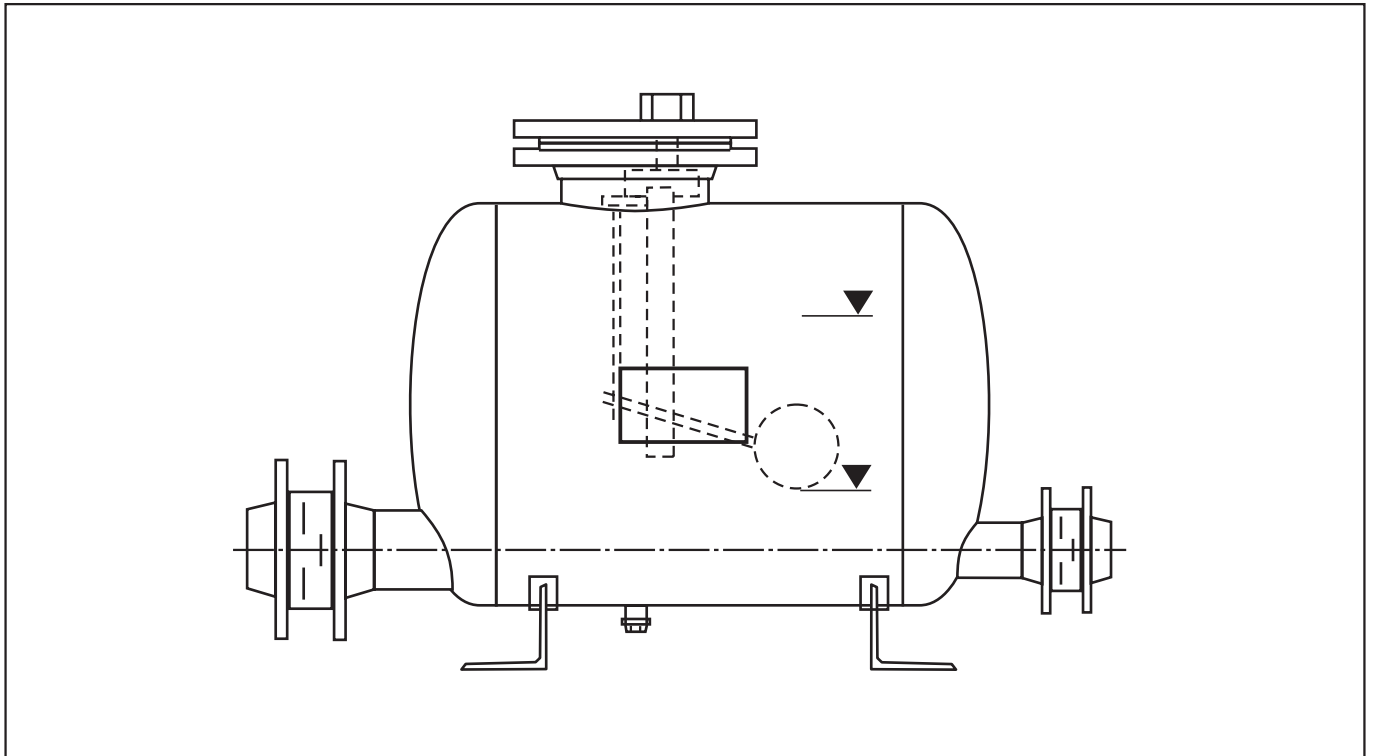
Steam-powered condensate return unit KH...

The standard version is suitable for condensate flowrates of up to 10 t/h and a max. service pressure of 13 bar g.

Tank made of steel type S235JRG2 (RSt 37-20) or of P265 GH (HII), inside: untreated, outside: anti-corrosion coating. Associated valves and equipment such as pressure gauge assembly, level electrode and control for automatic booster steam supply, non-return valves. Completely assembled, interconnected and equipped with counter-flanges, bolts and gaskets.

Size	Volume [l]	Pumping capacity [m ³ /h]	Booster steam pressure	Pump capacity [bar]
KH 13-2	50	2	13	9.10
KH 13-3	75	3	13	9.10
KH 13-5	100	5	13	9.10
KH 13-10	390	10	13	9.10

Other tank and valve materials available on request.



Size	Volume [l]	Pumping capacity [m ³ /h]	Max. admissible service pressure [barg]	Pump capacity [bar]
FPS 23-13	75	3.00	13	9.00
FPS 14-10	100	5.00	10	7.00
FPS 14-13	100	6.30	13	9.00

For more information on booster steam pressure, capacities and discharge head refer to data sheet.

Other tank and valve materials available on request.

Application

Condensate tanks are used to collect the condensate from steam processors or flash vessels. From the tank the condensate is returned to the main condensate tank or deaerator with the aid of level-controlled booster steam.

Steam-powered condensate return unit type FPS 14...

The condensate is returned to the main condensate tank with the aid of booster steam, without electric power. The standard version of the FPS 14 is suitable for condensate flowrates of 6 t/h and a max. service pressure of 13 bar g.

The discharge capacity decreases with rising back pressure. The tank is made of steel type S235JRG2 (RSt 37-2) or of P265GH (H II), inside: untreated, outside: antirust paint, and equipped with non-return valves. Completely assembled and interconnected, inclusive of counter-flanges, bolts and gaskets.