

BDV

Blowdown vessel



The BDV blowdown vessel has been designed to receive sludge that usually settle at the bottom of the steam boilers which is discharged during a bottom blowdown operation; this sludge is cooled and allowed to settle at the bottom of the tank before being discharged to the sewer thus limiting any risks for the operator and damage to the environment.

The blowdown vessel complies with the PED Directive 2014/68/EU

Provided with:

- steel sheet supporting legs
- connections and fittings

Standard equipment

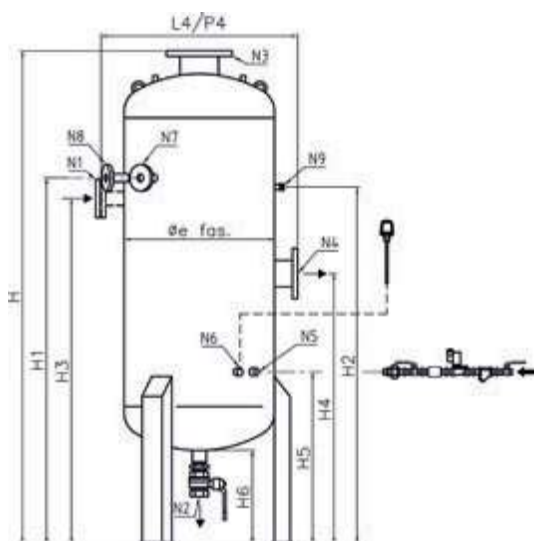
- Drain valve
- Cooling system by means of solenoid valve and thermostat

BOILERS THAT CAN BE MATCHED

| Model | FX N | FX DUAL N | BNX | SIXEN N | TReVAPOR | TReVAPOR P | GX |
|---------|----------------|-----------------|-------------|-------------|-------------|-------------|--------------|
| BDV 50 | 50 - 100 - 150 | 100 - 200 - 300 | 100 - 1700 | 350 - 1700 | 800 - 1500 | 1200 - 1500 | - |
| BDV 100 | - | - | 2000 - 3000 | 2000 - 5000 | 2000 - 5000 | 2000 - 5000 | 1000 - 3000 |
| BDV 200 | - | - | - | - | 6000 | 6000 - 6500 | 3500 - 12000 |

PRODUCT CODES

| Model | Code | Nominal pressure | Total volume H ₂ O | Total weight |
|---------|----------|------------------|-------------------------------|--------------|
| | | bar | lt | kg |
| BDV 50 | 85520064 | 12 | 500 | 250 |
| BDV 100 | 85520085 | 12 | 1000 | 350 |
| BDV 200 | 85520202 | 12 | 2000 | 650 |



- Key:
- N1 Blowdown inlet
 - N2 Drainage
 - N3 Atmospheric vent
 - N4 Overflow
 - N5 Cooling system
 - N6 Thermostat
 - N7 Boiler level indicator
 - N8 Boiler salinity blowdown connection
 - N9 Manometer

DIMENSIONS

| BDV | H | H1 | H2 | H3 | H4 | H5 | H6 | L4 | P4 | OD | N1 | N2 | N3 | N4 | N5 | N6 | N7 | N8 | N9 |
|-----|------|------|------|------|------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | DN/in | DN/in | DN/in | DN/in | DN/in | DN/in | DN/in | DN/in | DN/in |
| 50 | 2174 | 1580 | 1540 | 1490 | 1165 | 740 | 400 | 934 | 934 | 650 | 50 | 2" | 150 | 100 | 3/4" | 3/4" | 25 | 25 | 1/2" |
| 100 | 2774 | 2130 | 2090 | 2040 | 1215 | 790 | 400 | 1082 | 1082 | 800 | 50 | 2" | 150 | 100 | 3/4" | 3/4" | 25 | 25 | 1/2" |
| 200 | 2934 | 2210 | 2170 | 2120 | 1295 | 870 | 400 | 1382 | 1382 | 1100 | 50 | 2" | 150 | 100 | 3/4" | 1" | 25 | 25 | 1/2" |