

# V\_SÜHR'



## EXPANSION TANK IN CARBON STEEL FOR OVERHEATED WATER SYSTEMS

RANGE

from 500 to 5000 liters

EXECUTION

vertical (horizontal on request)

WORKING PRESSURE

5 bar (V\_SÜHR' 5) / 10 bar (V\_SÜHR' 10)

MAX. WORKING  
TEMPERATURE

158,1°C (V\_SÜHR' 5) / 183,2°C (V\_SÜHR' 10)

MODELS

500

1000

1500

2000

2500

3000

4000

5000

## DESCRIPTION

Expansion tank for overheated water installations.

Cylindric vertical execution. Equipped with steel basement, which permits the ground installation or installation on adequate support.

Safety valve for gaseous fluid of vessel loading: air or nitrogen.  
Designed for a max. flow rate of gaseous fluid, at the inlet from the PRV, of 200 m<sup>3</sup>/h

Equipment on demand for combination with boilers exempt from continuous surveillance

### Standard equipment:

- n. 1 expansion tank in carbon steel
- n. 1 safety valve
- n. 1 magnetic level indicator with level control switch
- n. 3 pressure switches:  
2 nitrogen load / exhaust + 1 max . pressure
- n. 2 nitrogen loading / discharge valves
- n. 1 manometer + tap
- n. 1 drain valve
- n. 1 minimum pressure switch
- n. 1 fail safe minimum level probe
- n. 1 electric panel board

## DIMENSIONS



Model	W	H	Ø vs
	mm	mm	DN/in
500	650	1900	1"1/2
1000	800	2480	2"
1500	950	2560	2"1/2
2000	1100	2620	2"1/2
2500	1400	2080	2"1/2
3000	1250	2950	3"
4000	1400	3030	3"
5000	1450	3570	3"