

# Unical

## V\_SÜHR'



### EXPANSION TANK IN CARBON STEEL FOR OVERHEATED WATER SYSTEMS

RANGE

from 500 to 5000 liters (superior on request)

EXECUTION

vertical

WORKING PRESSURE

5 bar (V\_SÜHR'5) / 10 bar (V\_SÜHR'10)  
(higher pressure on request)

MAX. 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<sup>(\*)</sup> of vessel loading.

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 (minimum pressure switch and minimum level probe fail safe type).

### 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 gaseous fluid<sup>(\*)</sup> load / exhaust + 1 max . pressure (safety)
- n. 1 gaseous fluid<sup>(\*)</sup> loading / discharge valve
- n. 1 manometer + tap
- n. 1 drain valve (supplied disassembled)
- n. 1 minimum pressure switch (on request)
- n. 1 fail safe minimum level probe (on request)
- n. 1 electric panel board

The following devices are excluded from the supply:

- gaseous fluid loading unit<sup>(\*)</sup> (pressure reducer, solenoid valve, non-return valve)
- water loading unit (pressure reducer, solenoid valve, non-return valve)

\* air/nitrogen

## 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"