

MINIVAP

Horizontal execution without level's regulation.

MINIVAP 15: with solenoid valve that controls the flow of the liquid gas according to the temperature of the water

MINIVAL 30: with Regulation Thermostatic Valve (our international patent) that controls the flow of the liquid gas according to the temperature of the water.

VERSIONS:

MINIVAP 15 with water preheat by electrical resistance (1500 W 220V) and capacity until 15 Kg/h (see sch.n.1)

MINIVAP 30 with water preheat by electrical resistance (4000W 220/380V) and capacity until 30 Kg/h (see sch.n.2)

MINIVAP 30 with water preheat from boiler and capacity until 40 Kg/h (see sch.n.3)

OPTIONALS: Additional emergency joint to the Regulation Tharmostativ Valve

ELECTRIC H2O ECOVAP VAPORIZER

Hot water is generated by a EExd Atex certificated electric resistance located in the vaporizer heat exchange with one temperature setting thermostat and a safety thermostat setted at 85/95°C.

The two thermostat are located in the electric resistance head

The MINIVAP 15 versions has a third thermostat setted at 45/50°C to open the Solenod Valve

Fill the vaporizer heat exchange with water, using the open expansion tank up to the level indicator window

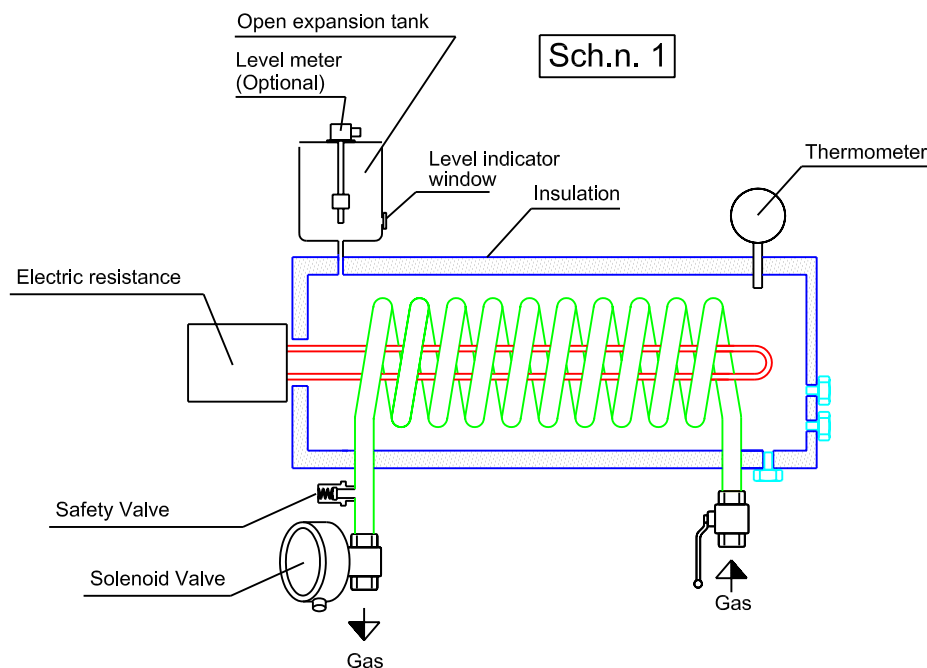
Water temperature is maintained constant thanks to a thermostat located in the resistance head that switches ON/OFF the electric resistance.

A second safety thermostat located in the resistance head, that is setted at 85/95°C switches-off the resistance in case of over-heating. This thermostat has a manual reset.

A open expansion tanks (see drawing no. 61030/2 pos. 12) avoids the vaporizer body aver-pressure.

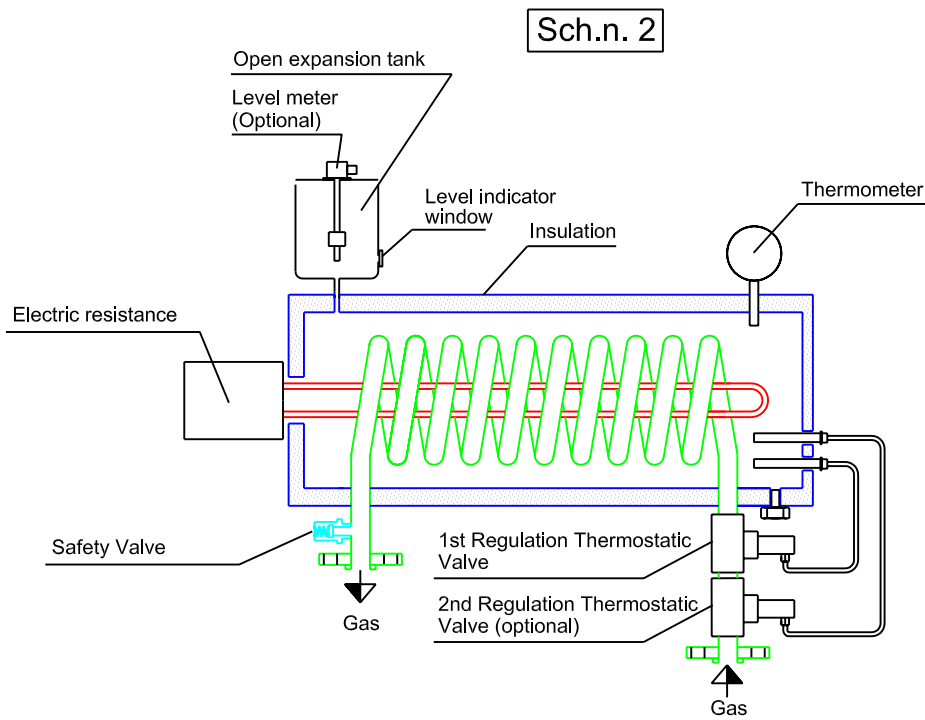
OPTION

In case the water level decrease due to a water leavage or evaporation, a level-meter automatically switches-off the resistance.



Patented thermostatic valve advantages:

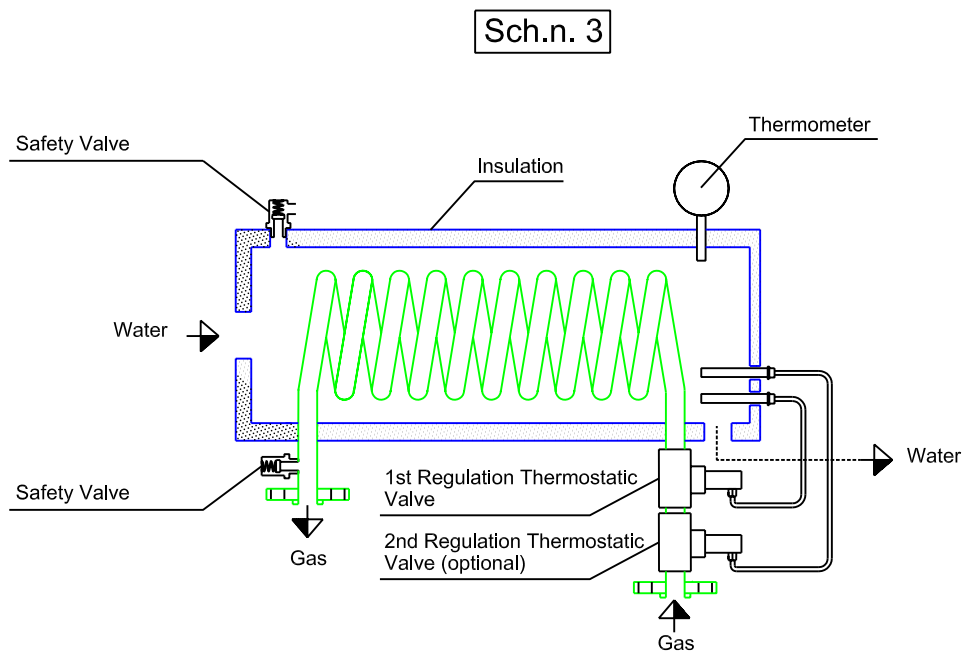
- It avoids non-vaporizer LPG coming out from vaporizer, and overpressure in the vaporizer body.
- thermostatic valve close in case of malfunctioning.



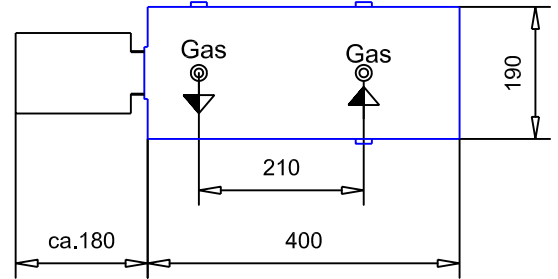
MINIVAP 30

HOT WATER ECOVAP VAPORIZER

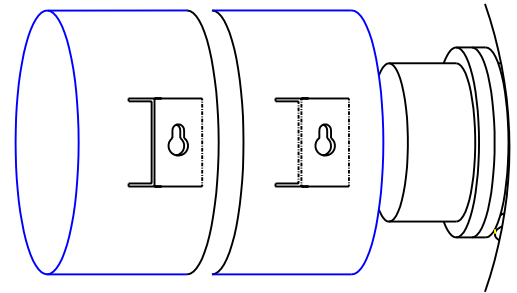
Same vaporizer body as above described, without heat exchanger and open expansion tank.
Internal over-pressure, due to water temperature, is controlled by a safety valve pre-set to 3,5 bar.



	MINIVAP 15	MINIVAP 30	MINIVAP 30
DN E/U gas	DN15 PN40 Optional ANSI 300		
El. Consumption KW	1.5	4	-
Tension	220	220/380	380
Gas volume lt.	0.47	0.47	0.47
Water volume lt.	6	6	6
Indicative weight Kos.	15	15	10
Vaporizer data			
	Water side		Gas side
PS (bar)	4		20
TS (°C)	-20 ÷ 99.9		-20 ÷ 99.9
Norms			
Dir. Europea 97/23/CE del 29-05-97 (P.E.D.)			
ISPESL VSR Ed.1995 rev.1999 Racc. M-S-E			

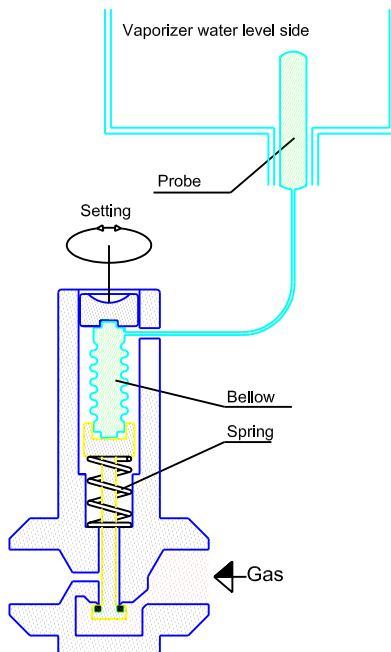


Stirrup for wall implantation
(rear view)



CASE 1

Water temperature <math><40-45^\circ</math> = THE VALVE IS CLOSED



CASE 2

Water temperature >math>>40-45^\circ</math> = THE VALVE IS OPEN

