

Function

The 892 thermostatic valve can be used on double tube type radiator systems.

The valve is designed for coupling with thermostatic controls to perform automatic temperature regulation.

The valve can only be installed via the lower radiator connection, which is used both as an inlet and as a fluid outlet.



Technical Features

Working fluids:	water and glycol solutions
Max glycol percentage:	30%
Max working pressure:	10 bar
Max differential pressure:	1bar
Max working temperature:	100°C

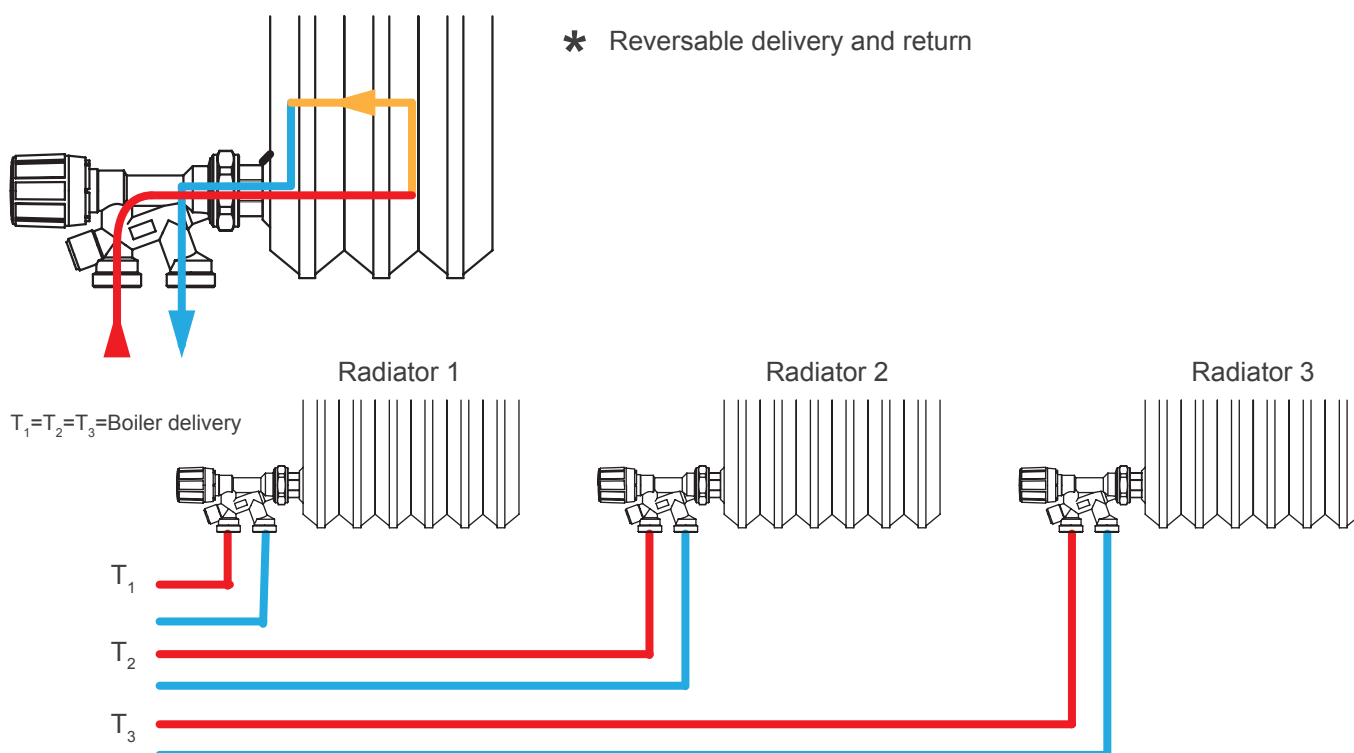
Manufacturing Features

Body:	Brass CW 617 N UNI EN 12165
Headwork:	Brass CW 617 N UNI EN 12164
Spring and command rod:	Stainless steel
Hydraulic gasket:	EPDM perox
Handle:	White ABS

Operating Principle

In the two-pipe system, the radiators are installed in parallel, with respect to all the manifold derivations. In this type of system, the 892 series valve sends 100% of the inlet flow to the radiator.

The 892 series valve, in double pipe mode, incorporates in a single device the dual function of the thermostatic valve and the lockshield that characterizes the systems where the fluid inlet valve is connected to the upper radiator connection and the holder to the lower one.



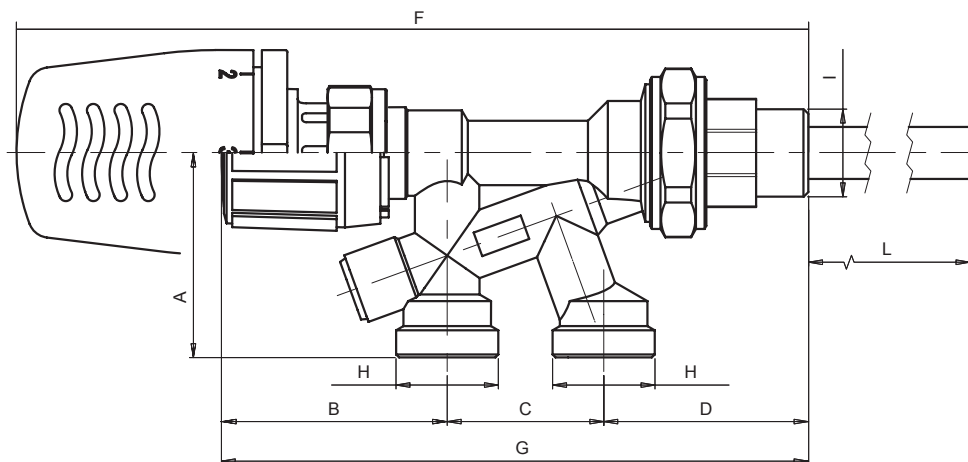
DOUBLE PIPE VALVE

Art. 892

ICMA dal 1974
tecnologia per il riscaldamento

TECHNICAL DATA SHEET 02/2018 - ENG

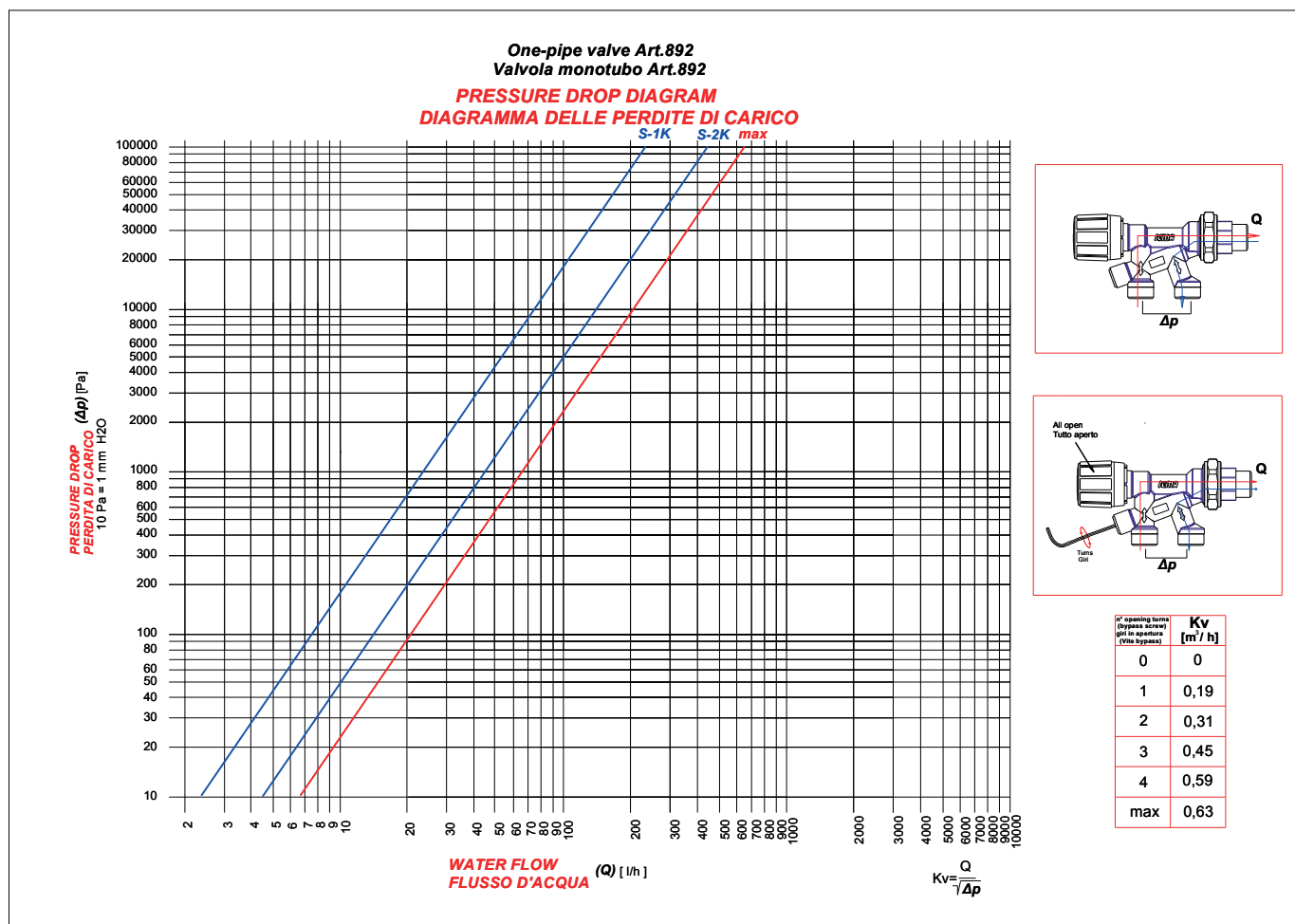
Dimensions



CODE	A	B	C	D	E	F*	G	H	I	L
81892AD06	49	105,5	37,5	49	52,5	190	141	M24X1,5	G1/2"	352
81892AE06	49	105,5	37,5	49	52,5	190	141	M24X1,5	G3/4"	352

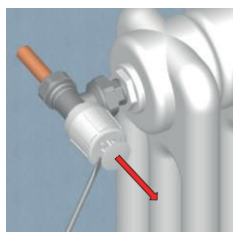
* Art. 1100

Pressure Drop

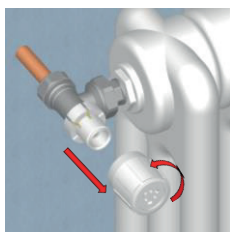


Thermostat Control Device Installation And Regulation

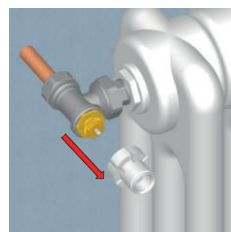
Conversion Of Manual Valves To Thermostatic Valves



Remove the protective cover from the knob using a small screwdriver.

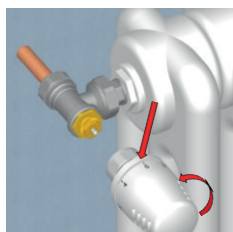


Turn the knob in the counter clockwise direction to remove it completely from the valve.

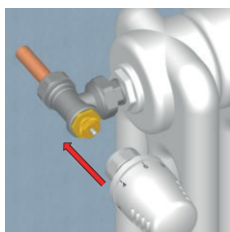


Unfasten the white adapter from the valve body by simultaneously pulling and bending it.

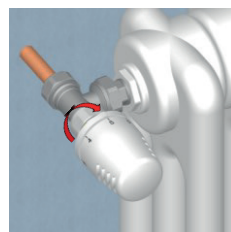
Installation Of Thermostat Control Device



To facilitate installation of the thermostat control device, turn the knob counter clockwise and bring it to the number 5.

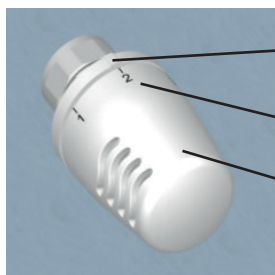


Install the thermostat control device on the valve body keeping the indicator turned upward so that it is clearly visible.



Screw the thermostat control device ring on the valve body blocking it. Turn the knob a few times to adjust the components.

Temperature Setting



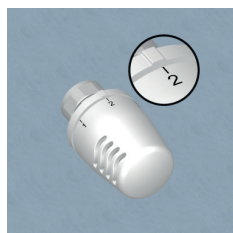
INDICATOR
ADJUSTMENT SCALE
KNOB

The knob indicates the numbers from 0 to 5, which correspond to specific temperatures (see the adjustment scale shown at side). Set the desired temperature simply by turning the knob to the corresponding number close to the indicator.

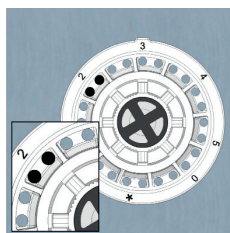
ADJUSTMENT SCALE

0°C	7°C	12°C	16°C	20°C	24°C	28°C
0	*	1	2	3	4	5

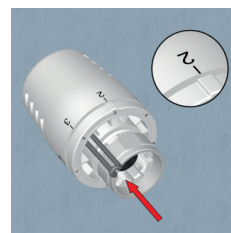
Temperature Adjustment



Turn the thermostat control device knob to one of the setting numbers from 0 to 5 shown on the knob. Setting example on the n°2.

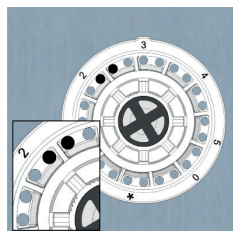


The same numbering is also indicated on the lower part of the device. Identify the hole before and the hole after the number set.

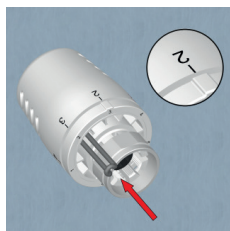


Insert the forked pin inside these two holes and push until completely inserted. The knob is now blocked at the desired setting.

Blocking Of Temperature



In order to limit the temperature, simply identify the two holes located right after the number set.



Insert the forked pin inside these two holes and push until completely inserted. The knob can now be moved from 0 to the number set.



The forked pin is sold separately from the control device.

FORKED PIN
CODE:
111100AC06