

ART.1481

ART.1482



Single - Double pipe angle thermostatic valve
Adjustable by-pass
Connection: 3/4" Eurokonus - FAR 24x19
Centre line between ports: 50 mm

ART.1483

ART.1484



Single - Double pipe straight thermostatic valve
Adjustable by-pass
Connection: 3/4" Eurokonus - FAR 24x19
Centre line between ports: 50 mm

1 DESCRIPTION

Valves for panel radiators are available with FAR or eurokonus connections in straight or angled versions. Connection to the radiator is made by means of an adjustable nut. We offer two different types of adapter depending on the kind of radiator - an adapter for 1/2" female connection and another for 3/4" eurokonus connection. A lateral screw adjustment makes it possible to change a single-pipe valve into a double-pipe valve and vice-versa. The articles 1481-1482-1483 and 1484 are suitable for the installation of thermostatic or chrono-thermostatic actuator which permit to open or close the valve.

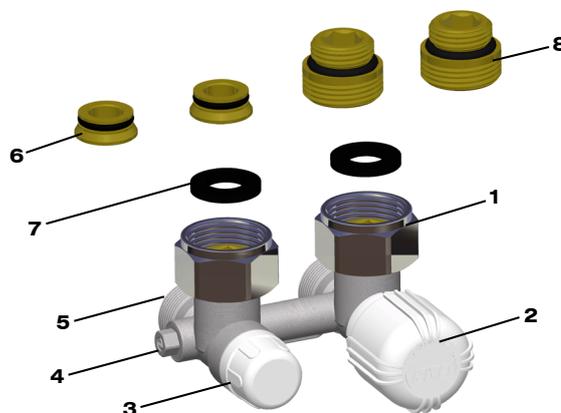


Art. 6080
Adapters for Arts:
1481-1482-1483-1484
For panel radiators with 3/4" male connection

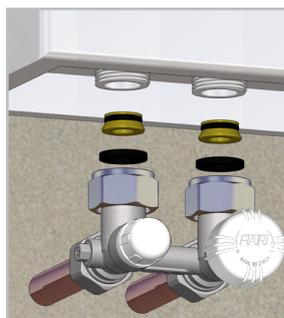


Art. 6081
Adapters for Arts:
1481-1482-1483-1484
For panel radiators with 1/2" female connection

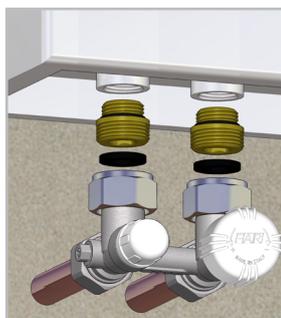
1. 3/4" threaded nut
2. White plastic handwheel
3. White plastic cap
4. By-pass regulating screw
5. FAR connections for copper, plastic and multilayer pipe or 3/4" eurokonus
6. Art.6080
7. Flat-faced sealing seat between valve and adapter
8. Art.6081



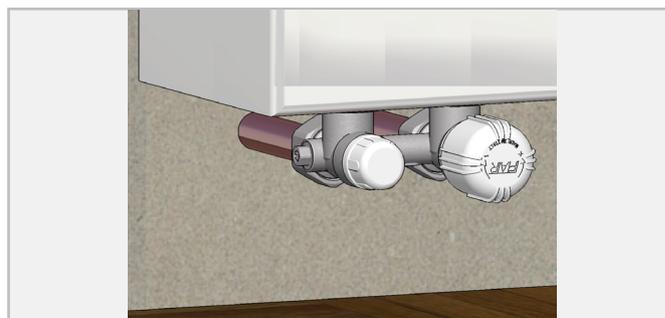
2 INSTALLATION

Art. 6080


- 1) Insert the adapters into the radiator connections
- 2) Position the valve and tighten the nuts

Art. 6081


- 1) Insert the adapters into the radiator connections
- 2) Position the valve and tighten the nuts

Example of installation on a panel radiator


LOCKSHIELD VALVE REGULATION
In order to shut off a radiator from the system or to effect circuit balancing, proceed as follows: unscrew the white plastic cap, then use a 5mm wrench as shown in the illustration.



3 BY-PASS REGULATION

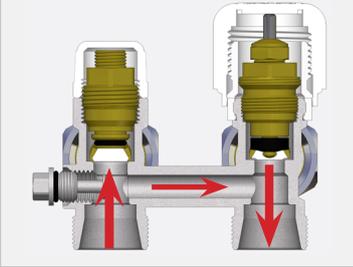
It is possible to adjust the by-pass flow with the aid of a simple screwdriver.

The by-pass can also be totally closed, in which case the valve becomes a double-pipe valve.

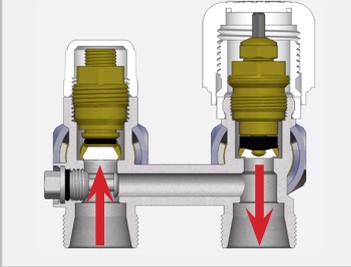
Adjusting the by-pass permits variation of the flow to the radiator.



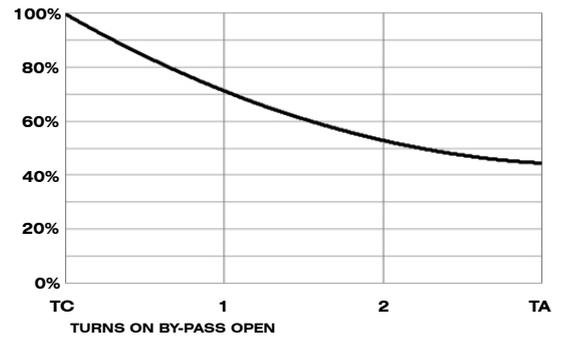
Totally open by-pass: single-pipe valve



Totally closed by-pass: double-pipe valve



TC: TOTALLY CLOSED BY-PASS
TA: TOTALLY OPEN BY-PASS



The diagram shows the flow variation in the radiator depending on the number of turns of the by-pass screw.

N° BY-PASS TURNS	TC	1	2	TA
% Q TO RADIATOR	100	70	54	44

4 INSTALLABLE COMPONENTS

On single-double pipe valves for panel radiator it is possible to install thermostatic or electrothermic actuators. To install the electrothermic actuator is necessary to provide on the valve the adaptor art. 1941.

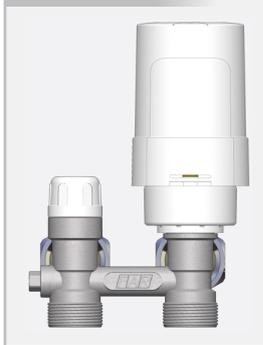
ART.1824



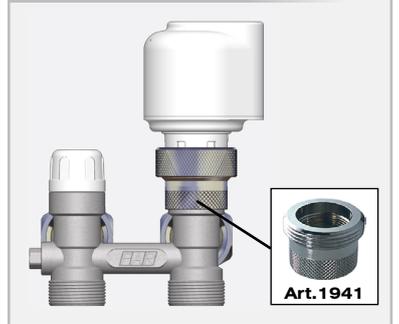
ART.1828



ART.1820



ART.1909-1919-1929-1939
ART.1914-1924-1913-1923

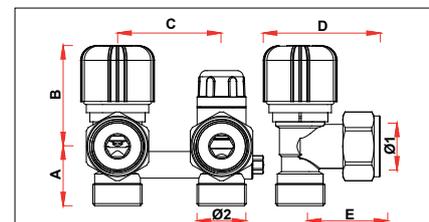
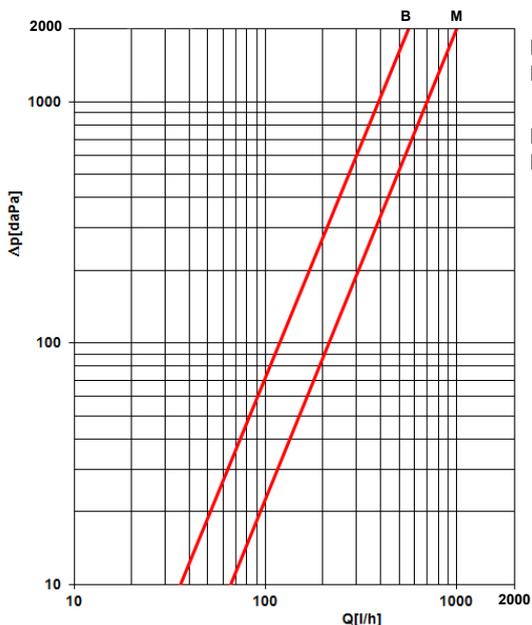


5 TECHNICAL FEATURES

Nominal pressure: 10 bar
Max. working temperature: 95°C
Compatible media: Water
Gasket, O-rings: EPDM

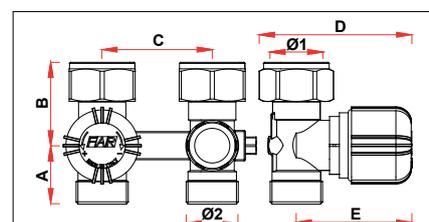
Valve body: Brass CB753S
Handwheel: ABS
Terminal body and nut: Brass CW617N
Small parts: Brass CW614N

6 FLUID DYNAMIC AND DIMENSIONAL FEATURES



* = with thermostatic head Art.1824

CODE	Ø1	Ø2	A	B	C	D	E
1481	G3/4	G3/4	27	50 (98*)	50	57	39
1482	G3/4	24x19	29	50 (98*)	50	57	39



* = with thermostatic head Art.1824

CODE	Ø1	Ø2	A	B	C	D	E
1483	G3/4	G3/4	24	39	50	69 (117*)	52 (100*)
1484	G3/4	24x19	26	39	50	69 (117*)	52 (100*)