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Heat cost allocator MONITOR 2.0/MONITOR 2.0 E Domestic water consumption data acquisition device MONITOR 2.0 PULSE

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7200 series

C€ 0470

OPERATING STEPS - INSTALLATION MANUAL



Function

MONITOR 2.0 and MONITOR 2.0 E are latest-generation electronic heat cost allocators to be fitted on each radiator to meter heat consumption in buildings with centralised systems featuring vertical heating distribution (riser type).

When combined with a thermostatic or chrono-thermostatic valve, both temperature regulation and metering of heat consumption are performed, obtaining improved comfort, quantification of the actual heat consumption and a fair allocation of costs.

The heat consumption data can be collected via radio and processed directly by the building administrator/manager.

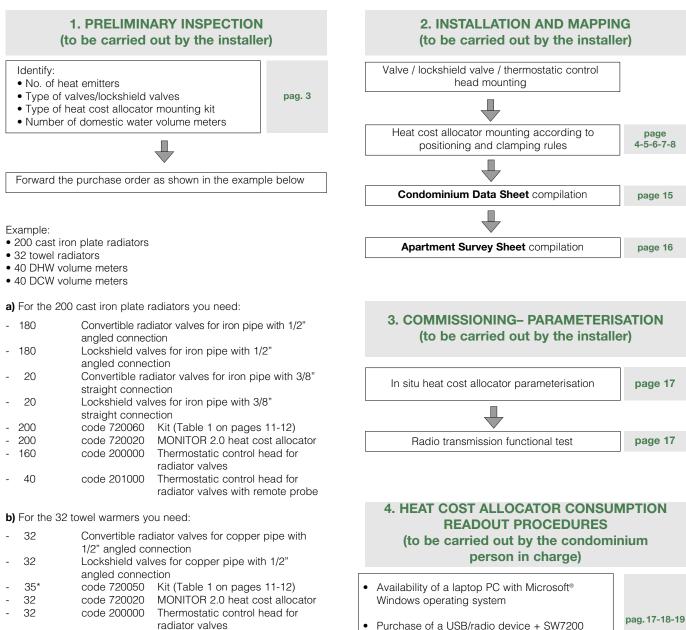


MONITOR 2.0 PULSE is a pulse acquisition device that, combined with a domestic hot and/or cold water meter with pulse output, enables measuring domestic water consumption for cost accounting for each dwelling.

Consumption data can be collected via radio and processed directly by the building administrator/manager via the same software used for reading heat cost allocators MONITOR 2.0/2.0 E

OPERATING STEPS

HEAT COST ALLOCATORS and PULSE ACQUIRERS - MONITOR 2.0 - 2.0 E - 2.0 PULSE



* Code 720050 comes in a minimum 5-piece pack and the order therefore needs to be a multiple of 5.

c) For hot and cold domestic water volume meters you need:

- 40 code 794204/C 1/2" DHW meters with pulse output
- 40 code 794204 1/2" DCW meters with pulse output
- 80 code 720030 domestic water consumption data acquisition device MONITOR 2.0 PULSE

Purchase of a USB/radio device + SW7200 software (code 720090) for reading, displaying consumption and creating reports

1. PRELIMINARY INSPECTION (to be carried out by the installer)

During the inspection it is essential to establish which mounting kit is suitable for the type of heating body on which the heat cost allocator is to be fitted. See Table 1 on pages 11-12 to choose the suitable kit.

7200 Mounting kit

N.B. When ordering the mounting kit, check that the number of pieces is a multiple of the minimum pack.

Code	Description	No. of items in the pack
7200 50	plate (39 mm) + anchor (20 / 39 mm)	5
7200 51	plate (39 mm) + anchor (59 mm) + anchor (75 mm)	5
7200 52	plate (55 mm) + anchor (20 / 39 mm) + anchor (59 mm)	5
7200 53	plate (55 mm) + anchor (75 mm)	5
7200 54	plate (88 mm) + anchor (39 mm)	5
7200 55	plate (88 mm) + anchor (59 mm) + anchor (75 mm)	1
7200 56	plate (88 mm) + anchor (75 mm) + screws (M4 x 130 mm)	1
7200 60	plate (39 mm) + self-tapping screw	5
7200 61	plate (39 mm) + threaded plate	5
7200 62	plate (39 mm) + welded stud bolts	5
7200 63	plate (39 mm) + expanding corner pieces	1

IMPORTANT:

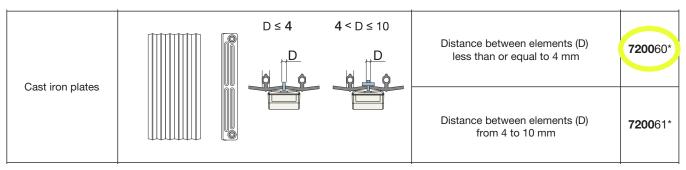
The tightening torque of the screws used in the mounting kit must be between 0.8 and 1 N·m.

Example:

- Heat emitter:

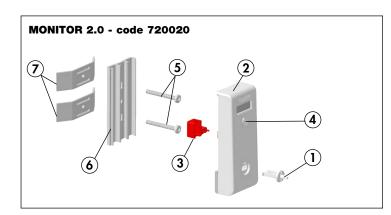
- Distance between the elements:

CAST IRON PLATES LESS THAN 4 mm

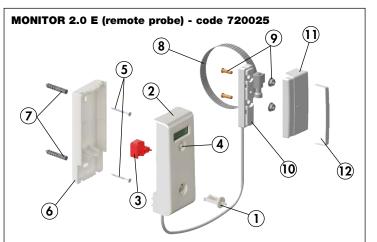


- Mounting kit: code 720060

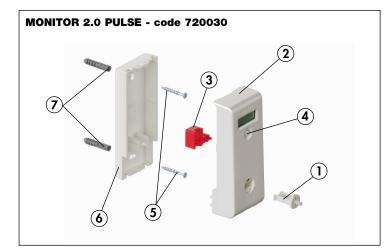
Characteristic components



- 1 Tamper-proof seal
- **2** Heat cost allocator complete with PCB
- **3** Radiator probe protection (to be removed during installation)
- 4 Display selection button
- 5 Retaining screws (tightening torque 0.8-1 N·m)
- 6 Aluminium thermal coupling plate
- 7 Fastening brackets



- 1 Anti-tampering seal
- 2 Heat cost allocator complete with PCB
- **3** Protection for the tamper-proof sensor (to be removed during installation)
- 4 Display selection button
- **5** Wall fastening screws (tightening torque 0.8-1 N·m)
- **6** Aluminium plate + spacers
- 7 Wall fastening anchors
- **8** Metal clamp for fastening the extended probe to the radiator/convector
- **9** Copper stud bolts + nuts for welded fastening
- 10 Remote probe
- 11 Remote probe cover
- 12 Tamper-proof label



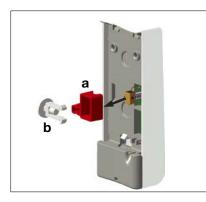
- 1 Tamper-proof seal
- 2 Acquisition device complete with PCB
- **3** Protection for tamper-proof element (to be removed during installation)
- 4 Display selection key
- 5 Wall mounting screws (tightening torque 0.8-1 N·m)
- 6 Plastic plate for wall mounting
- 7 Wall mounting wall anchors

Installation of the heat cost allocator/pulse acquirer

MONITOR 2.0

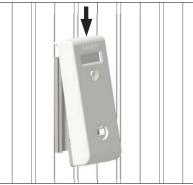
STEP 1

Before proceeding with installation, remove the probe protection (**a**) and the tamperproof seal (**b**).



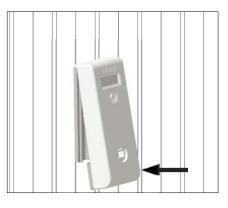
STEP 2

Install the heat cost allocator on the heat emitter hooking it onto the top part of the aluminium anchoring plate and pushing downward.



STEP 3

Press down on the bottom part of the heat cost allocator until it is securely in place.



STEP 1

Before proceeding with installation, remove the probe protection (\mathbf{a}) and the tamper-proof seal (\mathbf{b}) .

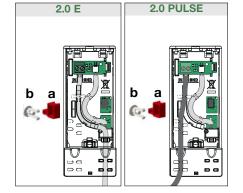
- Depending on the device that has to be installed, fasten the wires according to the following pictures:

STEP 2 Install the heat cost allocator/pulse acquirer hooking it onto the top part of the anchoring support and pushing downward.

MONITOR 2.0 E - 2.0 PULSE

STEP 3

Press down on the bottom part of the heat cost allocator until it is securely in place.



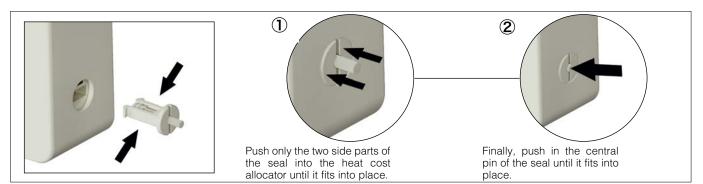


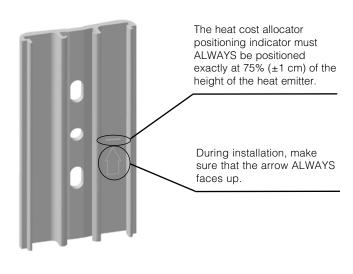


MONITOR 2.0 - 2.0 E - 2.0 PULSE

Installing the tamper-proof seal

When installation is complete, fit the tamper-proof seal compressing the two tabs and continue as illustrated below:



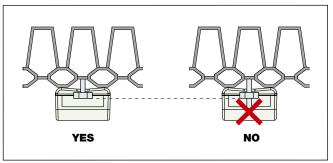


Heat cost allocator position on radiator

- In case of the welded mounting kit:
- Strip the paint off the radiator at the points where the stud bolts are to be welded on.

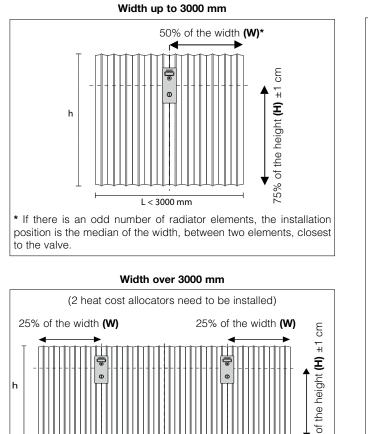
Welded mounting kit

- Weld the stud bolts in the gap between two ridges. If there is an odd number of ridges, choose the median position closest to the valve.
- Cut off the excess part using cutting nippers, as it may damage the device.



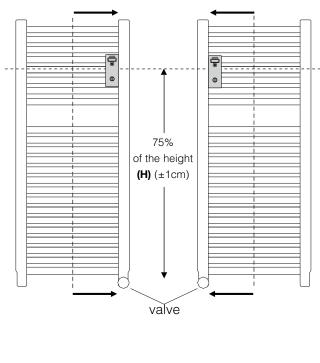
If you make a mistake, do not remove the stud bolts already welded on, as you risk damaging the radiator; cut them at the base as much as possible.

Heat cost allocator position on towel radiator



L > 3000 mm

Position the heat cost allocator against the riser on which the thermostatic valve is fitted (flow).



N.B. When installation is complete, **the heat cost allocator is automatically activated after about 90 second.** The following appears on the display:

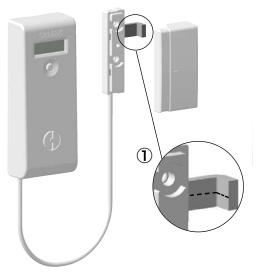
75%

Unit

You can now proceed with parameterisation of the heat cost allocator (see page 17).

2. INSTALLATION AND MAPPING (to be carried out by the installer) MONITOR 2.0 E (with remote probe)

During installation, make sure that the centre-line of the part shown in **Figure 1** is positioned exactly at 75% (\pm 1 cm) of the development of the coil or at 50% (\pm 1 cm) of the height in the case of a single-block convector.

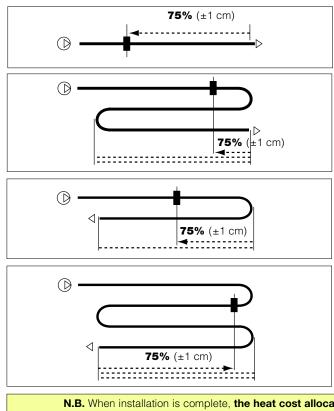


N.B. If using a remote probe with a radiator, the centre-line of the probe positioning indicator must be positioned (instead of the thermal coupling plate) according to the instructions given on page 6.

Determination of the extended probe sensor position Single-fin or coil convector

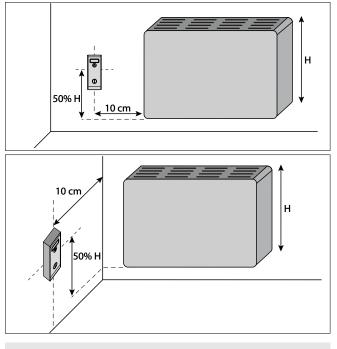
The sensor must be positioned at 75% (±1 cm) of the coil development (25% from the inlet, 75% from the outlet).

FASTENING WITH SCREWS OR CLAMPS



Heat cost allocator position with convector

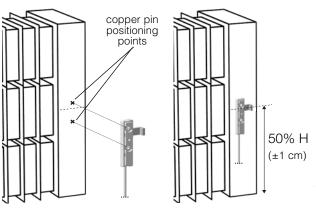
In order to ensure measurement according to the regulations, the heat cost allocator must be positioned at a distance not less than 10 cm from the heating body and at a height equal to half the height of the heating body.



Determination of the remote probe sensor position Single-block convector

The remote sensor is to be fitted on the return chamber at 50% of the height.

WELD FASTENING



N.B. The remote probe must be installed in such a way that any attempt to disconnect the probe will leave a trace.

Therefore, use the tamper-proof label provided on the outer probe cover.

N.B. When installation is complete, **the heat cost allocator is automatically activated after about 90 seconds**. The following appears on the display:

Unit

2. INSTALLATION AND MAPPING (to be carried out by the installer) MONITOR 2.0 PULSE (pulse acquirer)

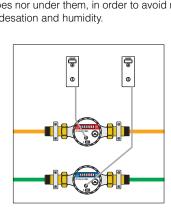
Firstly use the special wall mounting hooks provided, install the rear plastic plate and, finally, use the fixing screws, as shown in the following picture:

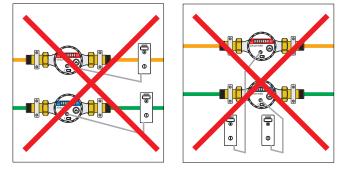
Connect the pulse output wire from the volume meter to the device inputs with screw terminals (Figure A) as illustrated in the picture below:

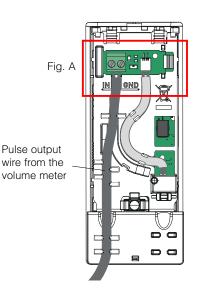


Positioning the consumption data acquisition device

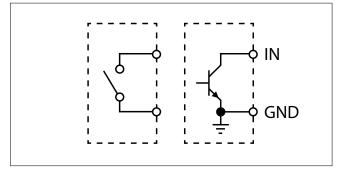
In order to guarantee correct operation of the consumption data acquisition device, it is necessary not to position the device in direct contact with pipes nor under them, in order to avoid malfunctions due to drops of condesation and humidity.







The generic pulse must be potential free (volt free contact, maximum frequency 50 Hz.)



N.B. When installation is complete, **the heat cost allocator is automatically activated after about 90 seconds**. The following appears on the display:

Unit

2. INSTALLATION AND MAPPING (to be carried out by the installer) MONITOR 2.0 - 2.0 E (remote probe)

Mapping

Mapping means filling the condominium and apartment survey sheets (see pages 15-16)

Example of data entry for a radiator using UNI 10200:

1	2	3 Radiator cover			Туре		6	7	8			
Room		S = shelf	(*) H means the	Dimensions height of the ra		No. of		EN 442		Type UNI 10200 Soo Tablo 2	Installed capacity (W)	Tick if the heat cost allocator is with remote
noon	MONITOR 20, 20E	(distance < 15 cm) C = full cover				elements	Brand	Brand Series		Example: A	17 0000	probe (MONITOR 2.0 E)
HALL	1 2 3 4 5 6 7 8	🗙 s 🗌 c	800	600	120	10				F		2.0 E
KITCHEN		S C										2.0 E
LIVING ROOM		S C										2.0 E
BATHROOM		S C										2.0 E

1 Room

3

(6)

Enter the room where the heating body is installed.

2 Heat cost allocator serial

number Enter the serial number indicated on the label on the top part of the heat cost allocator.



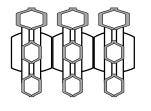
) Radiator cover

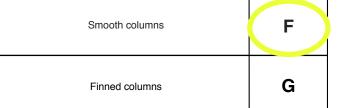
Indicate whether the radiator has a shelf cover \boxtimes S only if its distance from the radiator is less than 15 cm or a full cover \boxtimes C (tick ONLY if the radiator has a shelf or a full cover).

UNI 10200 type (see Table 2):

EXAMPLE: Heating body: cast iron plates, smooth columns

Cast iron plates





7

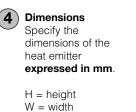
Convector. Installed capacity (W)

Where there are convectors, it is essential to indicate the installed capacity referring to ΔT 60°C.

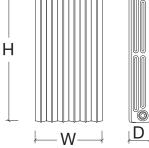


MONITOR 2.0 E heat cost allocator with remote probe

Tick ONLY if the heat cost allocator is fitted with a remote probe (MONITOR 2.0 E).



D = depth





No. of elements Enter the number of elements the radiator is made of.

2. INSTALLATION AND MAPPING (to be carried out by the installer) MONITOR 2.0 - 2.0 E (remote probe)

Example of data entry for a radiator using EN442:

1	2	3	4		5	6				7	8	
Room		Radiator cover S = shelf	(*) H means the height of the rad			No. of elements	Type EN 442		Type UNI 10200 Inst		Tick if the heat cost allocator	
HOOM	MONITOR 20-20F	distance < 15 cm) C = full cover			elements	Brand	Brand Series		See TAB. 2 Example: A	capacity (W) ΔT 60°C	probe	
			(*) H (mm)	W (mm)	D (mm)							(MONITOR 2.0 E)
HALL	1 2 3 4 5 6 7 8	S C	1800	600	30	1	BRAND 1	SERIES 1	MODEL 1		854	2.0 E
KITCHEN		S C										2.0 E
LIVING ROOM		□s □c										2.0 E
BATHROOM		□s □c										2.0 E

1 Room

Enter the room where the heat emitter is installed.



Heat cost allocator serial number

Enter the serial number indicated on the label on the top part of the heat cost allocator.



Radiator cover

Indicate whether the radiator has a shelf cover \boxtimes S only if its distance from the radiator is less than 15 cm or a full cover \boxtimes C (tick ONLY if the radiator has a shelf or a full cover).



Dimensions

Specify the dimensions of the heat emitter expressed in mm.



No. of elements

towel warmer.

Brand, series and model

Installed capacity (W)

Enter the number of elements the radiator is made of. In case of towel warmers specify "1".

Specify, if possible, brand, series and model of the

6



ΔT 60°C.

MONITOR 2.0 E heat cost allocator with remote probe Tick ONLY if the heat cost allocator is fitted with a remote probe (MONITOR 2.0 E).

Specify, if possible, the installed thermal capacity referring to

2. INSTALLATION AND MAPPING (to be carried out by the installer) MONITOR 2.0 PULSE (pulse acquirer)

Example of data entry for a volume meter :

1	2	3	4	5	6	7	8	9	10
Stair	Floor	Room	Serial number of the acquirer MONITOR 2.0 PULSE	Domestic hot or cold water	Other type of meter	(litres/pulse or kWh/pulse)	Diameter of the volume meter	Initial value to be set (m ³ or kWh)	Serial number of the volume meter
Α	1	KITCHEN	1 2 3 4 5 6 7 8	DHW X DCW		10	3/4"	15,203	0123456789
				DHW DCW					
				DHW DCW					



Stair, floor and room

Specify the stair, floor and room where the MONITOR 2.0 PULSE is installed.

Serial number of the

acquirer MONITOR 2.0 PULSE Enter the serial number indicated on the label on the top part of the heat cost allocator.

Specify whether the device

is connected to a hot or

cold water volume meter



K (litres/pulse or kWh/pulse)

Specify the K value (litres/pulse) that characterize the volume meter or the K value (kWh/pulse) in case of a heat meter.



(7)

Diameter of the volume meter

Serial number of the volume meter

heat meter connected to the pulse acquirer.

Specify the diameter of the volume meter or the diameter of heat meter



(10)

Initial value to be set

Specify the initial value to be set into the pulse acquirer, expressed in m³ for a volume meter (in kWh for a heat meter) displayed on the meter at the moment of the installation of the MONITOR 2.0 PULSE acquirer. ATTENTION : the initial value is MANDATORY for the parameterization!

Specify the serial number of the volume meter or the one of the



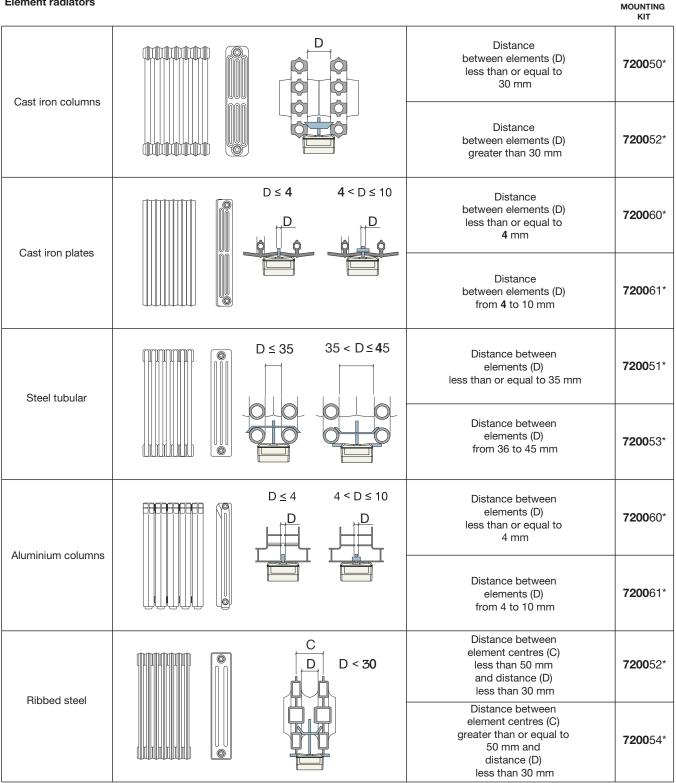
Other type of meter

DHW or DCW

In case the MONITOR 2.0 PULSE is not connected to a volume meter, specify the type (e.g.: heat meter).

TABLE 1 - Mounting kit MONITOR 2.0

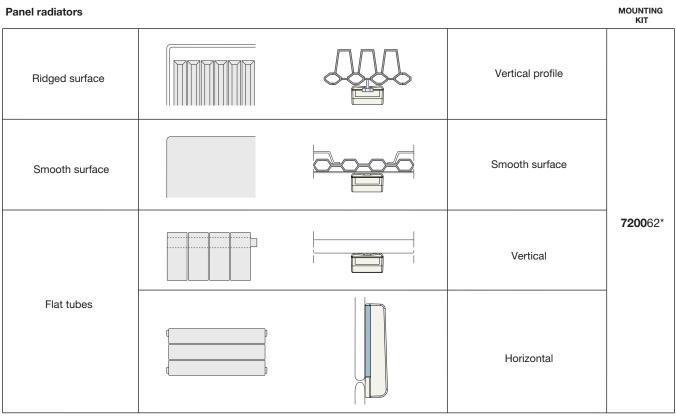
Element radiators



* Minimum 5-piece pack

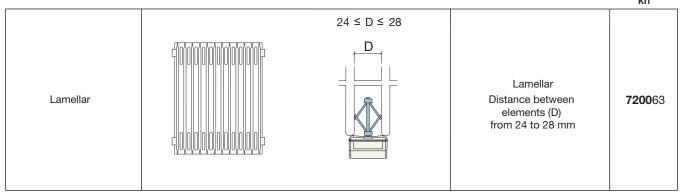
TABLE 1 - Mounting kit MONITOR 2.0

Panel radiators



Lamellar radiators

MOUNTING KIT



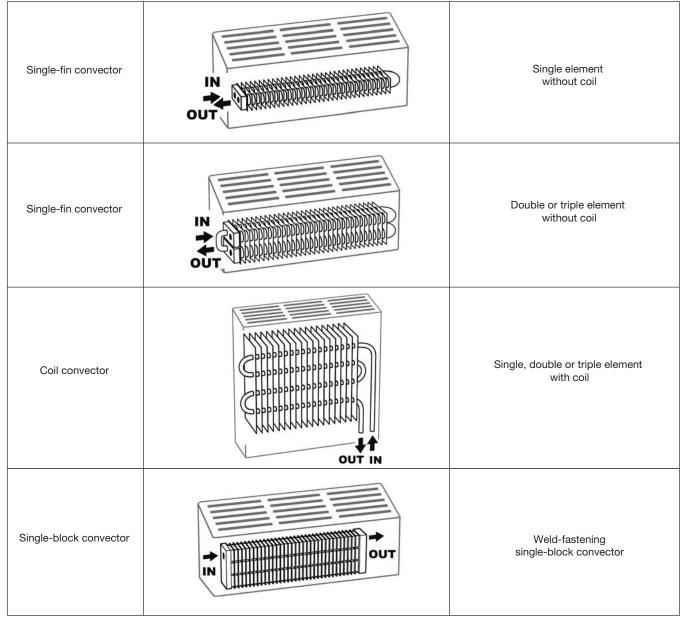
MOUNTING KIT **Towel warmer** Horizontal tubes 720050* Towel radiator

* Minimum 5-piece pack

TABLE 1 - Mounting kit MONITOR 2.0 E

Thermal convectors

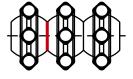
(mounting kit included in the heat cost allocator pack)



Material	Туре	Descripti	UNI 10200 type		
		Small columns	hub [*] 50 mm	Α	
Cast iron or steel		Section < 30 x 30 mm	hub [*] 55 mm	В	
Cast non or steer		Large columns	hub [*] 55 mm	С	
		Section > 30 x 30 mm	hub [*] 60 mm	D	
Cast iron or steel		Columns joined by diaphragm			
	ÂÂÂ	Smooth colu	Smooth columns		
Cast iron plates		Finned colu	G		
	$\uparrow \uparrow \uparrow \uparrow$	Highly finn	н		
Aluminium		Averagely fi	I		
	±±±	Lightly finr	L		
		Plate withou	t fins	М	
Steel		With rear f	ins	Ν	
		With fins between	the plates	ο	
Bare tube**	D+23 D+23	Vertical or horizo	Р		

TABLE 2 - UNI 10200

* Hub means the following dimension:



 ** Bare tube means tubing visible in the rooms.

Condominium Data Sheet

CONDOMINIUM DATA SHEET



Tax code number	Number	Province
		City
Condominium name	Street	Postal code

*	
No. domestic No. domestic No. of No. of Montwater cold water MONITOR 2.0 PULSE volume meter pulse acquisition device*	
No. domestic No. domestic hot water cold water olume meter volume meter	
No. domestic hot water volume meter	
warmers/ No. of convectors* No. of MONITOR 2.0 No. of MONITOR 2.0 E ors* heat cost allocators*	
No. of MONITOR 2.0 heat cost allocators*	
No. of contectors*	
No. of towe radiat	
No. of radiator≴	
vo. of buildings [‡] No. of dwellings [*] No. of radiator≴	
No. of buildings*	

* Indicate the grand total of ALL the APARTMENT SURVEY SHEETS of the condominium

-	ഥ 전 전 전 (Muo qiq tue survey) TECHNICIAN							, TOR/ 8	IDAN	NIMQ. AM	
	Denomination	Name and surname	Address	Phone/mobie no.	E-mail		Denomination	Name and sumame	Address	Phone/mobie no.	F.mai
				Fax						Fax	

STAMP AND SIGNATURE

APARTMENT SURVEY SHEET Mr/Ms

Phone/mobile no.



Province	
	Survey data
City	one/mobile no.
Number	Technician's phone/mobile no.
Street	Technician who did the survey
	Interior
lame	Floor
Condominium name	Staircase

RADIATOR / CONVECTOR⁽¹⁾/ TOWEL RADIATORS⁽²⁾ (1) If convectors are present it is necessary to fill the "installed capacity (W) AT 60°C" field. (2) If you do not have the brand-name, series and model of the towel warmer or radiator, you need to send an e-mail to the address **7200.monitor © caleffi.com** attaching a **photo** and indicating the **tube and manifolds diameters** and to which condominium, dwelling and room they correspond.

itor	iote	.0 E)	2.0 E	2.0 E	2.0 E	2.0 E	2.0 E	2.0 E	2.0 E	2.0 E	2.0 E	2.0 E	2.0 E	2.0 E	Ш
Tick if the heat cost allocator	is with rem	(MONITOR 2.0 E)	50	5.0	5:0	5.0	5:0	5.0	5.0	2:0	i5	5:0	5.0	5	2:0 E
Installed	capacity (W)	∆T 60°C													
Type UNI 10200	See Table 2	Example: A													
		Model													
Type EN 442		Series													
		Brand													
No of	elements –														
diator and		D (mm)													
Dimensions e height of the rad	NOT the distance between hub centres	W (mm)													
Dimensions (*) H means the height of the radiator and	NOT the distan	(*) H (mm)													
Radiator cover S = shelf	(distance < 15 cm)	C = full cover		C S	C C C C	C 0 0	C S	C 2 8	C C S	s C	0 0 0	s C	C N N	C N N	C S
mber	MONITOR 2.0 - 2.0 E														
	Room		HALL	KITCHEN	LIVING ROOM	BATHROOM	MASTER BEDROOM	CHILDREN'S BEDROOM							

DOMESTIC HOT / COLD WATER VOLUME METER

STAMP AND SIGNATURE

Apartment Survey Sheet

3. COMMISSIONING – PARAMETERISATION

Parameterisation (to be carried out by the installer) comprises the following services:

- In situ heat cost allocator parameterisation.
- Radio transmission functional test.

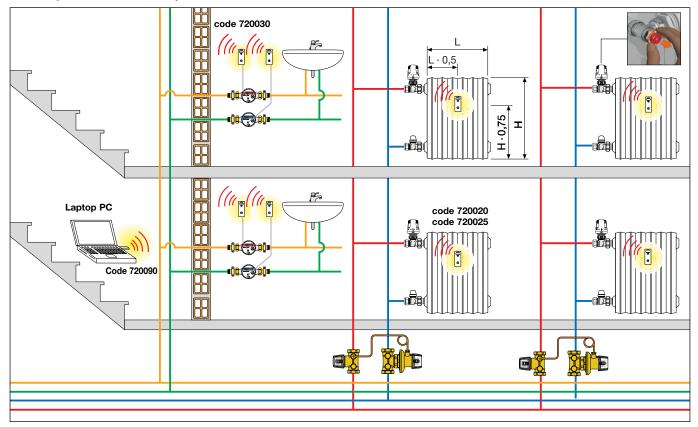
Parameterisation means programming the heat cost allocator with the power value (ΔT 60°C) according to the actual dimensions and characteristics of the heating body on which it is installed.

Parameterisation, in case of domestic hot/cold water pulse acquirers, means programming the characteristic coefficient K (litres/pulse) of the volume meter to which the device is connected. It is besides possible to match the count of the pulse acquirer with the one of the volume meter. This data is necessary for proper metering of the heat consumption by the heat cost allocators which are programmed by means of the USB/radio device (code 720090) and the software provided.

Normally, parameterisation is done in one go when installation has been completed and the mapping data of the specific building (see pages 15 - 16) has been entered in the SW7200 software.

4. HEAT COST ALLOCATOR CONSUMPTION READOUT PROCEDURES MONITOR 2.0 - 2.0 E - 2.0 PULSE

Consumption is read (by the condominium person in charge) using a laptop PC with Microsoft[®] Windows operating system, the USB/radio device (code 720090) and the SW7200 software provided, which allow reading, displaying consumption and creating reports. A user guide for proper use of the software is provided



Consumption data readouts by means of the USB to radio device.

4. READING THE DISPLAY MONITOR 2.0 - 2.0 E (remote probe)

F	Press the selection button	Message	Meaning	Notes
۲. ۲.		-	OFF	The display is OFF. Low consumption mode is active.
	₩	\$888.8.8	DISPLAY TEST	Used to visually check that all the display segments are functioning.
	FL8888	FL8888 Fr8888	ALERTS (visible only in case of alerts)	Shows a warning or fault code. F-8888 or FL8888
	E88888	e 12345	CURRENT HEATING SEASON CONSUMPTION	Current heating season consumption
	F88888	F56789	PREVIOUS HEATING SEASON CONSUMPTION	Previous heating season consumption
	Fd66MM	Fd3 1.05	PREVIOUS YEAR CONSUMPTION LOGGING DATE	Day/month when the previous period consumption was stored
		OPErRE	OPERATING STATUS	OPEr RL :operating
		R_1234	FIRST PART OF SERIAL NUMBER	First 4 digits of the heat cost allocator serial number
	Ь_8888	ь_5678	SECOND PART OF SERIAL NUMBER	Last 4 digits of the heat cost allocator serial number
	H_8888	H_15.09	RESET	Reset date
	↓ L 157.68	L IS7.6A	FW VERSION INSTALLED	Shows the firmware version installed

OTHER MESSAGES DIFFERENT FROM THOSE LISTED ABOVE ARE STRICTLY FOR QUALIFIED TECHNICAL PERSONNEL

4. READING THE DISPLAY MONITOR 2.0 PULSE (pulse acquirer)

Press the selection button		Message	Meaning	Notes
		-	OFF	The display is OFF. Low consumption mode is active.
		8888.8.8	DISPLAY TEST	Used to visually check that all the display segments are functioning.
~ <u></u>	OPE-AL	OPErAt	OPERATING STATUS	OPE-RL : operating
4	E-8888	CT 1234	CURRENT PERIOD CONSUMPTION	First 4 digits of the total consumption logged by the volume meter connected to the device
Keep	• • •	6_5678	CURRENT PERIOD CONSUMPTION	Last 4 digits of the total consumption logged by the volume meter connected to the device
the button pressed for 5 sec.	888	153	CURRENT PERIOD CONSUMPTION DECIMALS	Decimals of the total consumption logged by the volume meter connected to the device
	FL8888	FL8888 Fr8888	ALERTS (visible only in case of alerts)	Shows a warning or fault code. Fr8888 or FL8888
	F-8888	F_ (553	PREVIOUS PERIOD CONSUMPTION	First 4 digits of the total consumption of the previous year
	F_8888	F_4297	PREVIOUS PERIOD CONSUMPTION	Last 4 digits of the total consumption of the previous year
	FdGGMM	Fd0101	PREVIOUS YEAR CONSUMPTION LOGGING DATE	Day/month when the previous year consumption was stored
- - - - - - - - - - - - - -	R_8888	A ⁻ 1534	FIRST PART OF SERIAL NUMBER	First 4 digits of the heat cost allocator serial number
	ь_8888 т	6_5678	SECOND PART OF SERIAL NUMBER	Last 4 digits of the heat cost allocator serial number
J.		L 174,88	FW VERSION INSTALLED	Shows the firmware version installed

OTHER MESSAGES DIFFERENT FROM THOSE LISTED ABOVE ARE STRICTLY FOR QUALIFIED TECHNICAL PERSONNEL

TROUBLESHOOTING

Problem	Likely cause	Suggested solution
Device disconnected from the radiator	Impact or other	Contact a certified installer to have it fastened
Missing seal Tampering		Contact a certified installer to have it fitted
Position of the device changed since it was installed	Tampering, impact or other	Contact a certified installer to have it fastened
The display shows the alert code FL8888 or Fr8888	The internal self-test has detected a fault	Contact a certified installer and specify the code FL8888 or Fr8888
Null consumption is shown	No consumption has been logged.	This is not a fault. If the radiator is off, no energy emission is detected. In case the volume meter is replaced the count of the device must be reset.
Low consumption is shown	Beginning of a new season (heat cost allocator only)	This is not a fault. When the season start date is exceeded shown heat consumption is reset to zero
Nothing is shown on the display when the button is pressed	Internal problem	Contact a certified installer to have the device checked

Warnings for proper disposal of the product

The symbol shown on the side appears on the product MONITOR 2.0/2.0 E/2.0 PULSE to indicate that this product may not be disposed of as household waste. This means that the European Directive on waste electrical and electronic equipment (WEEE) applies and that the product must therefore be sent to differentiated waste collection centres.

Moreover, the national laws on waste equipment collection systems need to be complied with.



Declaration of conformity

It is hereby declared that the product meets the applicable essential requirements of the R&TTE Directive 1999/5/EC. The CE 0470 marking on the product and in this document certifies conformity with the Directive. An unabridged copy of the Declaration of Conformity with the R&TTE Directive 1999/5/EEC is available on request at the address below.

CALEFFI S.P.A. S.R. 229, n. 25 28010 Fontaneto d'Agogna (NO) - Italy Tel. +39 0322 8491 / Fax +39 0322 863723 Model: 7200 Marking: CE 0470

We reserve the right to make improvements and modifications to the products described and the relative technical data at any time and without prior notice.