

Digital programmable thermostats

DAFNE

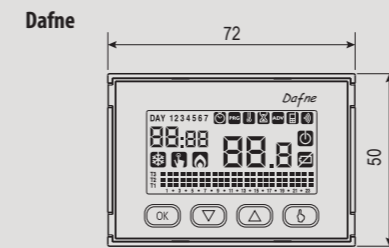
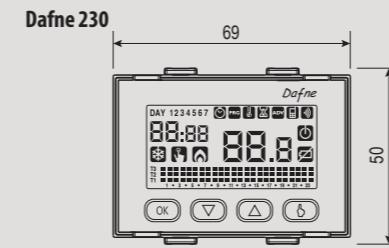
Series of electronic programmable thermostats with weekly programming and flush-mounting in three modules box designed to control the room temperature both in heating and in cooling. Available with either mains powered or battery powered.



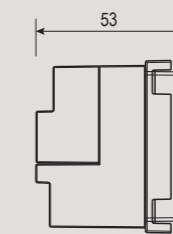
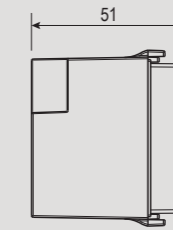
- 1 Installation in flush-mounting three modules box (503 type)
- 2 Supports to adjust the instrument to the main civil series plates
- 3 Wide display with backlighting:
- always on of blue colour (possibly removable) for Dafne 230
- activated by pressing the blue keys for Dafne
- 4 Terminals in the back of the instrument for connection to the relay output, of power supply (for Dafne 230 only) and of external contact (only for Dafne)
- 5 Changeable cover available in white and grey anthracite colours (included in the package) and silver (you can buy it on request)
- 6 Extraction mode of the instrument of push-push type (only for Dafne) to facilitate the batteries replacement

DIMENSIONS (mm)

Front view

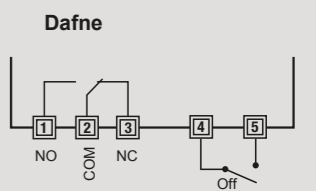
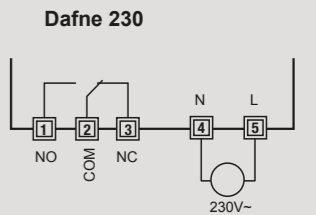


Side view



CONNECTION DIAGRAM

Diagram



CLIMATE CONTROL

TECHNICAL INFORMATION

WEEKLY FLUSH-MOUNTING PROGRAMMABLE THERMOSTATS

- Power supply: - Dafne 230: 230 Vac 50/60 Hz with charge reserve (for blackout) of 2 days
- Dafne: 2 x 1.5V (AAA type) with charge reserve (for battery replacement) of 1 minute
- Summer/winter/off operation mode
- Automatic programming with:
- 7 programs for winter operation (modifiable)
- 7 programs for summer operation (modifiable)
- ON/OFF or proportional type of temperature regulation
- 5 adjustable temperatures:
- T1, T2, T3 in automatic operation
- Tm in manual operation
- Toff in off operation (antifreeze temperature, removable)
- Minimum interval of regulation: 1 hour
- Delay activation settable among 15, 30 or 45 minutes (different for each hour)
- Bistable relay output 5A / 250 Vac
- Password protected lock keypad
- Automatic summer/winter time change
- Digital input for switch on/switch off via telephone dialler (Dafne batteries only)

Adjustable plates

ABB Chiara series	Bticino Livinglight Air series*
ABB Mylos series	Bticino Matix series
Ave S44 series	Gewiss Chorus series
Bticino Axolute series	Vimar Eikon series
Bticino Light series	Vimar Eikon Evo series
Bticino Light tech series	Vimar Idea series
Bticino Living series	Vimar Plana series
Bticino Livinglight series	Vimar Arké series

* by mount you can buy on request

For information about the possibility to use different plates contact the technical assistance

GENERAL CHARACTERISTICS

Power supply	Dafne 230	V AC	230 (-15% ÷ +10%) 50/60 Hz
	Dafne	Batteries	2 x 1.5V (AAA type)
Battery life	Dafne		12 months
Mounting			flush
Maximum cables section		mm ²	1.5
Programming			weekly
Operating mode			summer/winter/off
Regulation type			ON/OFF or proportional
Differential		°C	0.1 ÷ 1
Settable temperatures			3 + manual + antifreeze
Setpoint range		°C	2 ÷ 35
Measurement temperature resolution		°C	0.1
Measurement precision		°C	0.5
Antifreeze temperature		°C	1 ÷ 10, removable

Programming resolution	1 hour
Activation delay	15, 30 or 45 minutes
Output relay capacity	5A / 250 V
Clock precision	± 1 s/day
Digital input (only Dafne)	for instrument switch off
Operating temperature	°C 0 ÷ 50
Storage temperature	°C -10 ÷ 65
Operating humidity	RH 20% ÷ 90% non condensing
Protection degree	IP40

Code	Model	Description	Colour	Power supply
VE431300	Dafne 230	Weekly programmable thermostat with backlit display	White/Grey	230 V~
VN166500	Dafne	Weekly programmable thermostat with digital input	White/Grey	Batteries
VE601100	Fr.Dafne	Silver painted cover	Silver	
VE470100	AIR	Mount for Bticino Livinglight Air series plate		

REFERENCE STANDARDS

Compliance with Community Directives 2006/95/EC (Low Voltage), 2004/108/EC (E.M.C.) is declared with reference to the following standards: • EN 60730-2-7 • EN 60730-2-9