**DAFNE WI-FI** 

DIMENSIONS (mm)

Front view

WIRING DIAGRAM

Electronic chronothermostats with WiFi connection, weekly programming, backlit display (can be deactivated), mains power supply and installation on 3-module flush-mounting boxes (type 503). Designed to control the ambient temperature both in heating (winter) and in cooling (summer). The free app, available on the AppStore and Google Play, allows programming and complete control even from your smartphone or tablet. Any alarm situations are reported by sending an email to the specified address.



- 1 Installation on 3 modules flush-mounting boxes (503 type)
- Supports supplied to adapt the instrument to the plates of the main civil series
- 3 Backlit display to view the measured temperature and the set programming
- 4 Terminals on the back of the device for connecting the load and the power supply
- White and grey anthracite covers included in the package. Available as an accessory in silver color (VE601100) or compatible with the BTicino Living Now civil series in white, black or sand (see accessories page)
- 6 Integrated Wi-Fi module compatible with 802.11 b/g/n standard
- 7 Free app available for iOS and Android systems





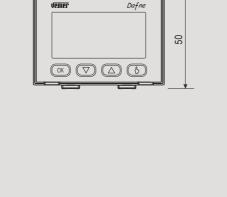
8 Compatible with Google Home and Amazon Echo







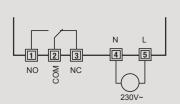






# 51

Diagram



# **CLIMATE CONTROL**

# **TECHNICAL INFORMATION**

# WEEKLY FLUSH-MOUNTING WI-FI CHRONOTHERMOSTATS

- Automatic programming on a weekly basis with 3 temperature levels T1, T2, T3
- On/off temperature regulation type (with adjustable differential) or proportional
- Antifreeze temperature to prevent system freezing when the device is switched off
- Display with blue backlighting always active (deactivable)
- Timing function: allows you to extend the current operation for the specified period (hours or days), after which the device changes operation from automatic to off, from manual to automatic, from off to on (manual or automatic)
- Delay function (settable for each hour independently): allows to adjust the temperature for the first 15, 30 or 45 minutes of the current time based on the temperature level set for the previous hour
- Possibility to reduce the settable temperature range (default 2÷50°C)
- "Local operation block" function: allows the device control only with the app (keypad changes are ignored)
- Keypad lock of the device with password to prevent changes on the chronothermostat by unauthorized people
- Automatic summer time change and automatic synchronization when connected to the WiFi network
- $Classification\ according\ to\ point\ 6\ of\ the\ Communication\ 2014\ /C\ 207/02\ of\ the\ European\ Commission:\ class\ IV$

# Adjustable plates

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

\* by support Axo Air (code VE767500) you can buy on request \*\*with mounting kit (see accessories page)

For information about the possibility to use different plates contact the technical support service

Code	Model	Description	Colour	Power supply
VE792200	Dafne Wi-Fi	Flush-mounted weekly chronothermostat with WiFi and backlit display	White/Grey	230 V~
VE786300	NOW.Dafne	Mounting Kit for Dafne compatible with BTicino Living Now series	White/Black/Sand	-
VE792300	NOW.Dafne Bianco	Mounting Kit for Dafne compatible with BTicino Living Now series	White	-
VE792400	NOW.Dafne Nero	Mounting Kit for Dafne compatible with BTicino Living Now series	Black	-
VE792500	NOW.Dafne Sabbia	Mounting Kit for Dafne compatible with BTicino Living Now series	Sand	-

# DAFNE WI-FI-ENG-202207

# **GENERAL CHARACTERISTICS**

Power supply	V AC	230 (±15%)
Frequency	Hz	50/60
Mounting		flush
Maximum cables section	mm <sup>2</sup>	1,5
Programming		weekly
Operating mode		summer/winter/off
Regulation type		ON/OFF or proportional
Adjustable differential (in ON/OFF)	°C	0,1 ÷ 1
Settable temperatures	3 + manual + antifreeze	

Measured temperature resolution	$^{\circ}$	0,1
Measurement precision	$^{\circ}$	0,5
Antifreeze temperature	$^{\circ}$	OFF, 1 ÷ 50
Programming resolution	h	1
Relay capacity 250 V AC	А	5
Operating temperature	$^{\circ}$	0 ÷ 50
Storage temperature	$^{\circ}$	-20 ÷ 65
Operating humidity	RH	20% ÷ 90% non condensing
Protection degree		XXD

°C

### What allows you to do the App?

- switch on and switch off the air conditioning system
- create and modify weekly programs
- change the operating temperatures values
- simplify programming through copy-paste of one program on several days
- set holiday days when the system is off
- set the e-mail address to receive the reports alarm (minimum and maximum temperatures)





Setpoint range





Internet network access point

Dafne Wi-Fi

 $2.0 \div 50.0$ 

# **REFERENCE STANDARDS**

Compliance with Community Directives: 2014/53/EU (RED) and is declared with reference to the following standards: EN 60730-2-7, EN 60730-2-9, ETSI EN 300 328, ETSI EN 301 489-1, ETSI EN 301 489-17

