



FAIRWIND

WELLNESS WORKS

NEW PRODUCTS 2020





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Capitale Sociale i.v. € 100.000,00
REA TV/353599

About Us

FAIRWIND is an Italian manufacturer of electronic control systems for wellness solutions such as whirlpool tubs, shower boxes, sauna, Turkish baths and so on.

We are located in the north-east of Italy, between Alps and Adriatic Sea. These places, where relax and wellness reign, have let us to acquire over 30 years of experience in wellness area.

Our catalogue includes a wide range of products such as:

- Control Unit (Display, Keyboard, Wireless Remote Control)
- Power Unit (single-phase or three-phases)
- LED Lighting and Chromotherapy (spotlights, strips, panels)
- Audio System (FM Radio, USB/Bluetooth modules, Speakers)
- Steam Generators
- Electrovalves and air valves
- Accessories (Probes, Tanks, Power Supply)



We provide a comprehensive service, following our customers from idea to final product, in particular we deal with:

- Hardware design of electronic board and wiring
- Software/Firmware design with a wide range of customizations
- Mechanical design and drawings
- Test and support to external certification
- Assistance and Customer care

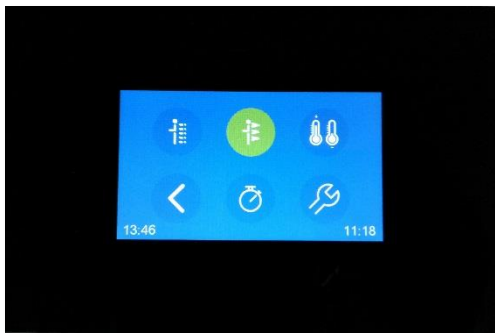


The entire production chain, from design to manufacture, is performed in Italy in collaboration with local partners, in order to guarantee an excellent product with high reliability.



Touch Screen Display

- 4.3" TFT resistive touch screen display 480x272 pixels
- Glass protection (logo customization on request)
- Software and graphics customization are available
- Easy to use and high flexibility, suitable for shower/sauna/steam box



OLED Display

- 1.5" or 2.4" OLED Display 128x64 pixels
- 6 to 8 capacitive keys with RGB LED backlight indicators for a wide range of control.
- High durability due to glass protection (icons and logo customization on request)
- Suitable for shower/sauna/steam box



Capacitive Keyboard

- 5 to 10 capacitive keys configuration
- RGB LED backlight indicators for a wide range of control.
- High durability due to glass protection (icons and logo customization on request)
- Good touch sensitivity and brightness, designed for translucent materials (e.g. Corian)
- No display needed due to simplicity and user-friendly interface
- Suitable for many wellness solutions, from whirlpool tubs to chromotherapy lightning



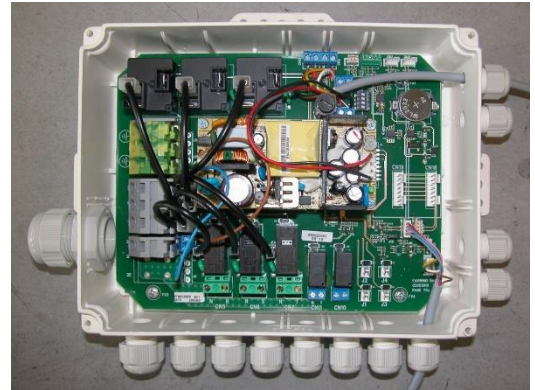
Mechanical Keyboard

- 3 to 10 mechanical keys configuration
- Single or multi-colors LED backlight indicators for a wide range of control.
- Full customizable silk-screened film with icons and logo
- Numeric Display (optional)
- Suitable for many wellness solutions, from whirlpool tubs to chromotherapy lightning



Sauna/Steam Bath Power Unit

- Single or combined Sauna/Steam Bath functions
- Three-phase 100-240 V
- 8 relay outputs 230 VAC 16 A
- 3 outputs 12 VDC for electrovalves
- Temperature/Humidity sensors
- RS232 + RS485 Data Communication
- Internal Clock with battery backup and Memory
- Expandable with audio/chromotherapy modules



Multifunction Box Power Unit

- Steam Bath function
- Single-phase 100-240 V
- For Steam Generators with single or double resistor (4.4 kW max)
- Temperature sensor
- White Light output
- Chromotherapy
- Bluetooth Audio Module (optional)



Whirlpool Power Unit

- Whirlpool function with blower regulation
- Single TRIAC output 230 VAC for Blower function
- 3 relay outputs 230 VAC 16 A for Whirlpool, Heater and Ozone functions
- 4 outputs 12 VDC for electrovalves
- Water temperature sensor and level probe
- 3-channel output for Chromotherapy
- Hardware and software customization on request



Mini SPA Power Unit

- 4 relay outputs 230 VAC 16 A
- Temperature Sensor
- Double Level Sensor
- 3 General Purpose Input
- 3 Pushbutton input
- White Light output
- RS485 Data Communication



Whirlpool Motor Inverter

- Programmable motor speed regulator
- 1100 W 100-240 V single-phase high efficiency regulation
- RS485 interface with EMC filter for remote control
- Overtemperature protection
- Suitable for whirlpool tubs: fine blowing regulation for a wide variety of body massages



PLC I/O Expander

- Compatible with 12V PLC
- DIN bar installation
- Ethernet interface (RJ-45)
- Up to 8 keys
- 8 General Purpose Digital Inputs
- 4 General Purpose Analog Inputs
- Network Configuration by Serial Port



Audio expansion module

- All-in-One Bluetooth-USB-AUX audio expansion module for power units
- Bluetooth 4.0 with remote/local audio stream control (no Apps required)
- USB socket for MP3 playing
- 3.5mm headphone jack analog input
- Stereo output 2x12 W



Chromotherapy with Bluetooth Audio

- Chromotherapy controlled by single or dual lighting pushbutton(s)
- Bluetooth 4.0 with remote audio stream control (no Apps required)
- Stereo output 2x12 W
- Suitable for whirlpool tubs or shower box



Receiver with Remote Control

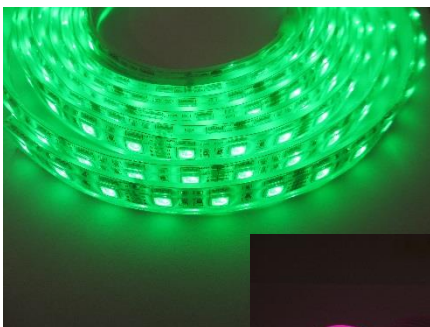
- Compact radio frequency receiver for an easy installation inside unit power
- Remote control configurable up to 6 keys
- Full customizable silk-screened film with icons and logo
- Suitable for many wellness solutions, from whirlpool tubs to chromotherapy lightning



Chromotherapy

Integrated modules inside unit power or stand alone, for all wellness solution, compatible with many light products:

- Single LED point
- LED panel for shower box
- LED Spot
- LED Strip



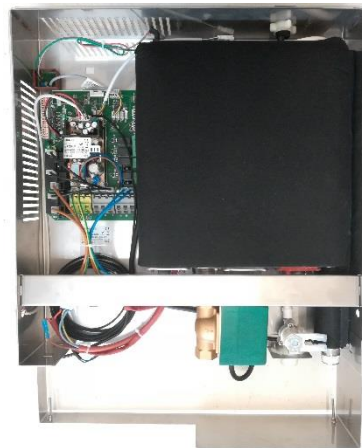
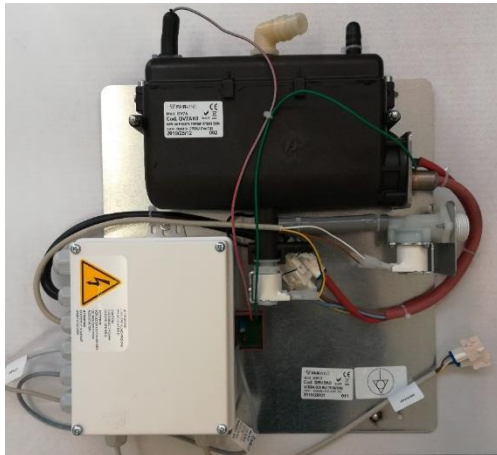


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Custom Design

In addition to selling individual products, FAIRWIND provide a design service to create a tailor-made system for any kind of application. For further information, please contact Technical Office



Customization service

If you want to realize a unique product, we provide a customization service for satisfy any requirements.

Technical office is at your disposal for any questions or request of customization.



Technical contacts

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