

# EASY MINI and MINI PLUS



# EASY MINI

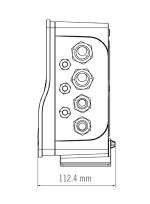
- ▷ UP TO 2 PUMPS
- SMART MANAGEMENT OF LOADS
- > AUTOMATIC PROGRAMMING
- > AUTOLEARNING
- SMALL DIMENSIONS
- ► NO SPECIAL CONNECTORS NEEDED
- ► EASY INSTALLATION
- RS 485 PORT

### **EASY MINI PLUS**

> 2 PUMPS AND CIRCULATION PUMP

**EasyMini** line is the range of electronic controls for entry level SPAs. Flexible, easy to install, it has the same main characteristics of the EasyMini Line Controls. The "smart management of loads" function optimizes loads activation, capturing the real amperage draw instead of the number of working loads. Automatic configuration of the SPA is possible thanks to a "programming key", avoiding typical setting procedure through the keypad. The programming key, equipped with and SD card, allows firmware up-date directly on-board. A **standard serial port RS 485** is available, in order to permit the integration of **EasyMini** with other systems or accessories. The control can drive an external heater (max 3.6 kW). Equipped with an optional level sensor, **EasyMini** has also an enhanced safety function which stops loads activation if there is no enough water in the SPA.

288 mm





# **MAIN FEATURES**

- Pump 1 (dual speed)
- Pump 2 (single speed only)
- Blower
- Ozone
- ▶ Light
- ▶ Heater up to 3.6 kW
- PG connectors
- RS 485 interface (optional)
- Smart Winter Mode

## ELECTRICAL

- Power supply: max 32A @ 230Vac 50/60 Hz
- ▶ Pump 1: 2Hp @ 230Vac
- ▶ Pump 2: 2Hp @ 230Vac
- Blower: 1.2 kW @ 230Vac
- Ozonator: 1A @ 230Vac or 350mA @ 12Vac
- ▶ Light: 2A @ 12Vac
- ▶ Heater: max 3.6 kW @ 230Vac

## **MAIN KEYPADS**

- ▶ K-35 (6 keys)
- ► K-9, K-79, K19, K91 (4 keys)

#### CONFIGURATIONS

- Pump 1 (2 speed), Blower
- ▶ Pump 1 (1 speed), Pump 2 (1 speed), Blower

## **EXAMPLES OF KEYPADS AVAILABLE**

# K19 K9 K79 K91

#### EASY MINI PLUS.

The same shape and concept of EasyMINI but with one more output and managemenet for a circulation pump (2HP @ 230V)

#### MAIN KEYPADS

- K-8 (n. 8 keys); K-35 (n. 6 keys)
- ▶ K-9, K-79, K-19, K-91 (4 keys)

#### **CONFIGURATIONS**

- Circulation pump, Pump 1 (2 speed); Blower
- Circulation pump, Pump 1 (1 speed); Pump 2 (1 speed), Blower



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# ENVIRONMENTAL

- ▶ Humidity: 80% n.c. max
- Operanting temp.: 0-50 °C
- Storage temp.: 5-45 °C

#### **MECHANICAL**

- ▶ Weight: 2.5 Kg
- Dimensions: 288x213x112 mm
- ► IP: X5

### **STANDARD COMPLIANCE**

- **EN** 60335-1
- ▶ EN 60335-2-60

#### **CERTIFICATIONS**

- ► CE
- **S**

#### ACCESSORIES

- Easy Heater 2.0 / 3.0 / 3.6 kW
- Programming key
- Light
- Ozone
- Level sensors
- Water temp probe