

Oceanic

Sauna & Steam

Fragrance Pump Assembly and operating manual



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Fragrance Pump Manual

1. Introduction

Thank you for choosing to buy the Oceanic Fragrance Pump, please take the time to read these instructions before you begin as they contain important information about the installation and maintenance requirements.

2. Safety Precautions

For commercial installations ensure signage is used to display what type of aroma is used in the case of users with allergies.

3. Parts List

240v – 12v adapter
 4mm inlet silicon hose 2m
 4mm outlet silicon hose 3m
 15mm / 22mm T connector
 Temperature sensor with cable
 Fragrance on demand button (optional extra)

We recommend the use of Steam aroma fragrance concentrates for use with this pump.
 For supplied contact www.oceanic-saunas.co.uk/steam/steamaroma

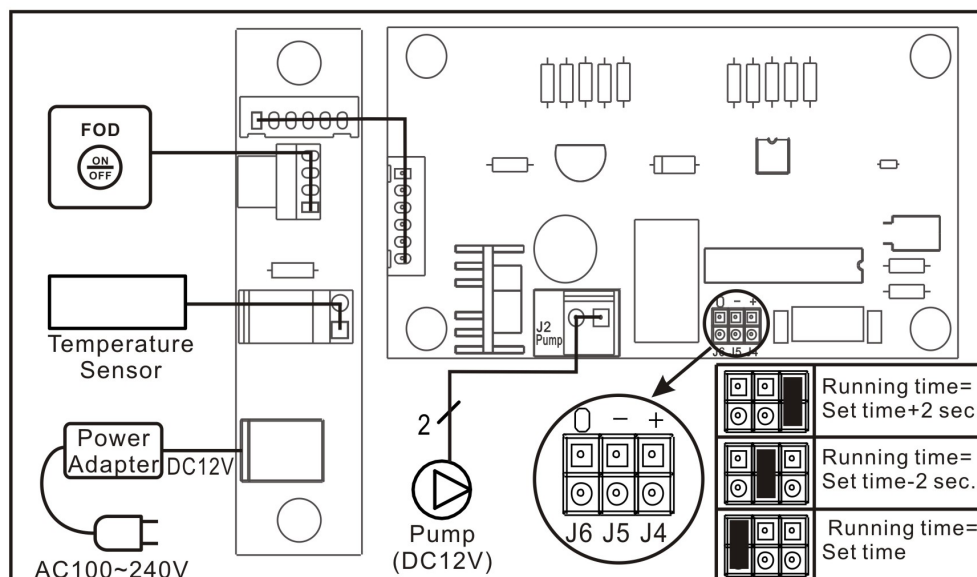
4. Parameter and functions

Power supply transformer

Input Voltage 220V ~ 240V
 Output Voltage: Output 12V DC, 2W

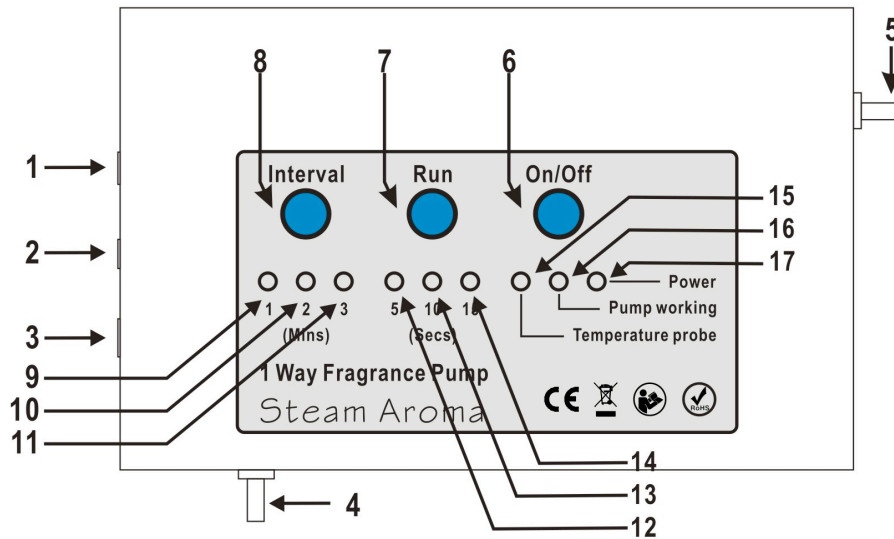
5. Electrical Diagram

Figure 1



6. OC-EP(1 way) Function instructions

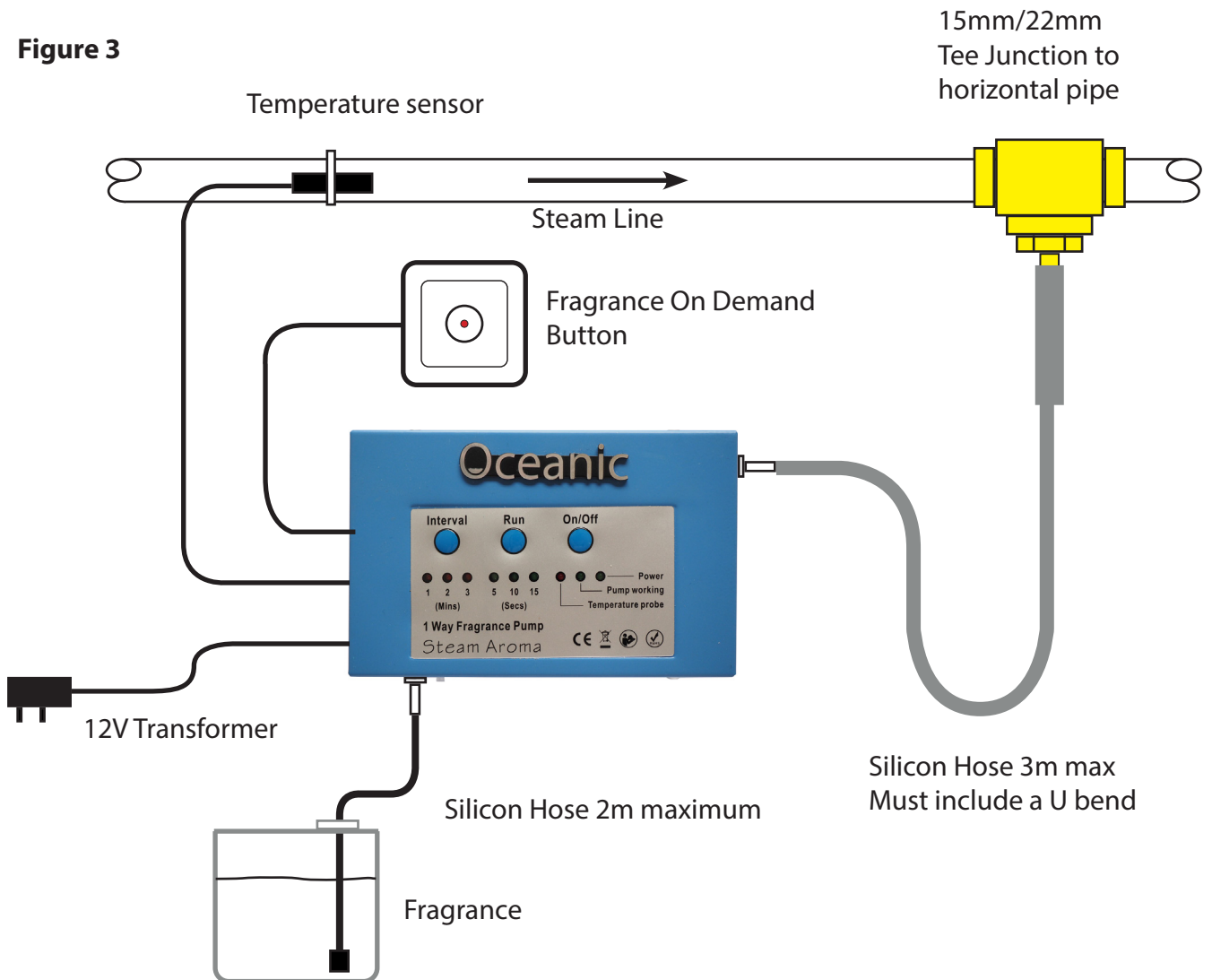
Figure 2



No	Description	Function
1	FOD	For the connection of FOB button
2	Temperature probe	Temperature signal input
3	Power input	12V power supply input
4	Fragrance inlet	
5	Fragrance outlet	
6	ON/OFF key	Push to operate
7	Run Time Key	Sets the pump operating time
8	Interval Time Key	Sets the dispersal interval time
9	1 minute interval time indicator LED	When on - pump will run every minute
10	2 minute interval time indicator LED	When on - pump will run every 2 minutes
11	3 minute interval time indicator LED	When on - pump will run every 3 minutes
12	5 second running time indicator LED	When on - pump will run for 5 seconds
13	10 second running time indicator LED	When on - pump will run for 10 seconds
14	15 second running time indicator LED	When on - pump will run for 15 seconds
15	Temperature indicator LED	When the detected temperature on steam line achieve 85 oC , the LED is on (fragrance pump will operate)
16	Pump operation indicator LED	When LED is on - the pump is working
17	Power indication LED	When LED is on - the power supply is ok

7. Installation and Operation

Figure 3



- Install the pump in close proximity to the steam generator with a suitable mains power supply for the mains adapter. Note that the fragrances container can be positioned at a maximum of 2 meters below the pump.
- Fix the fragrance pump onto a wall using screws and plugs.
- Use the 2m silicon hose (Supplied) to connect the fragrance container to the fragrance inlet port.
- Use the 3m silicon hose provided connect the Essence Outlet to the steam line by inserting the 15mm Tee as the figure 3. Note that the silicone hose between the pump and the steam pipe must include a U bend in order to prevent the steam entering the aroma pump. For 22m pipe unscrew the two reducers from the T piece.
- Attach the temperature sensor to steam pipe using a cable tie or cotton wool and tape then connect the pin into the socket on the fragrance pump.
- Connect the adapter to the power sockets. Connect the adapter to power supply.
- If you have chosen the FOD (fragrance on demand) button. Connect the FOB button to FOD socket on the fragrance dispenser and mount the button inside or outside the steam room so the user can decide when they want fragrance.

8. Testing and operation

- This pump can be set up to work automatically - a thermostat is installed on the steam pipe which only allows the pump to operate when the steam generator is producing steam. The amount of aroma introduced into the steam line is controlled by the RUN and INTERVAL settings.
- The pump can also be controlled via a button (fragrance on demand) this button is water proof and can be installed inside the steam room. When the button is pushed the pump will be turned on or off. This gives the option for users to choose between having aroma or not, which is useful in commercial installations where users may like or dislike aroma.
- The amount of aroma introduced into the steam line is controlled by the RUN and INTERVAL settings.
- - i. Fill the fragrance container with a diluted solution of fragrance.
 - ii. Turn on the power supply
 - iii. Press the "on/off" key (Power LED illuminated) - the default settings is run time 5 seconds with a 1 minute interval.
 - iv. Turn on the steam generator, when the temperature of the steam line reaches 85oC the temperature indicator LED will be illuminated and the pump will operate.
 - v. Note that for the first operation it may require one or two operations of the pump before the fragrance enters the steam line depending upon the distance to T piece. (note the pump is self priming and does not require bleeding in.
 - vi. Depending on the size of the steam room and the concentration of fragrance required you can set the run and interval periods to suit. Press the run button to choose the pump working time; 5 seconds, 10 seconds or 15 seconds, the relevant indicator LED will be illuminate. Press the interval button to choose the interval time say 1 minutes, 2 minutes and three minutes (the relevant indicator LED will be illuminated)

Using Steam aroma concentrates the typical dilution rate is 1 part concentrate to 20 parts of water but you may also vary this to suit user requirements – increase concentration for a more intense aroma.

9. Warranty

The product is guaranteed for 12 months from the date of purchase; for after sales service please contact Oceanic Saunas Ltd - 01902 450 550 www.oceanic-saunas.co.uk