



## Aero Diffusion Technical Specifications

IconoScent®

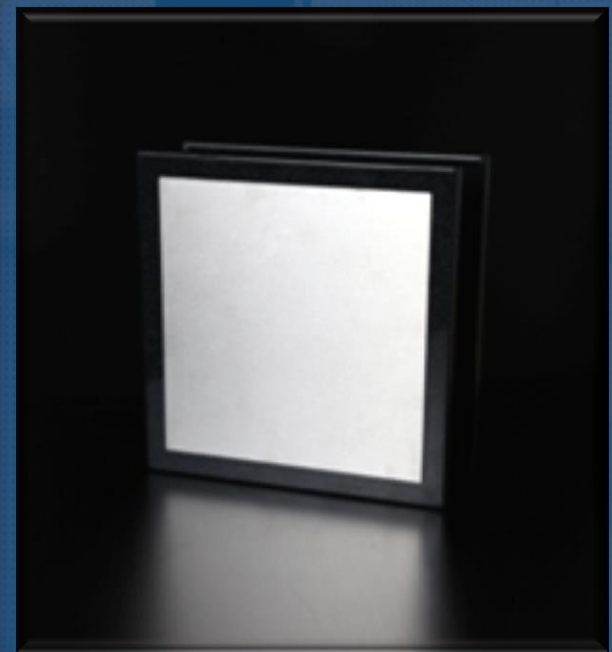
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## Introduction

*Aero Diffusion Technology*® can be applied by 4 different devices that cover every need. The devices have been designed in order to respond to the demands of any project or area. They are fully programmed and ergonomical.

IconoScent® is a unique solution for distinctive installation on the area. It can be placed on the floor or on a shelf and with it's fully programmed function to respond to every need



## Technology

Aero Diffusion appliances of **Spring Air** thanks to the patented diffusion system that they use, they can ensure the conversion of the liquid fragrance into ultra fine droplets, distributing them at an average of 1.000 nanometers (1 micrometer  $\mu\text{m}$ ) in diameter.

What can be characterized as being unique concerning the **Aero Diffusion Technology**<sup>®</sup> is the small droplet diameter and the extra light weight of the droplet that can ensure uniform scent distribution.

In performance terms, Aero technology droplets convert liquid into vapor very fast. This ensures the absence of residues on surfaces within the scented area. Very important parameter is that the scent effect, which is created, cause very low concentration of fragrance in the air, usually less than 1PPM which is below the international standards for allergic response.

The perfect diffusion of the fragrance into the area can be achieved with the complete programming of the devices. Each device can be programmed for every day separately into two different zones. Thus, given that capability, the aromatization of each space is feasible.

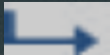
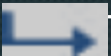
## IconoScent® Appliance Precautions

1. The appliance must be operated in an upright or vertical position and firmly attached to a vertical surface such as a wall or a duct.
2. The appliance should NOT be used with the door in the open position. The door is opened only to perform a cartridge or program change.
3. NEVER put your nose to the output of IconoScent®. Within 12 inches of the output, the fragrance is highly concentrated. The improper inhalation of high concentrations of fragrance may cause irritation in eyes and respiratory.
4. The appliance is built to be plugged into an 110VAC or 220VAC power outlet. The UL and CE compliant power supply converts power to 12V DC to power the appliance.
5. Unplug before cleaning

## Changing the Cartridge

1. Unlock and open the door to access the cartridge: The door should be opened only to perform a cartridge or programming change. When in use, the door must be locked.
2. Detach metal hose connector from the cartridge output port (located on the top of the cartridge head). This is done by unscrewing the metal connector from the cartridge output port and pulling out.
3. Remove air nozzle (located on the top of the cartridge head)
4. Remove old cartridge from appliance enclosure
5. Insert air nozzle on the new cartridge
6. Install new cartridge, place and tighten metal hose connector firmly on cartridge output port
7. Close the door and the device to secure

## Day & Time programming

- 1) We press **CLOCK** and the indication HOUR is displayed. Using the **+** button we set HOUR
- 2) We press  and the indication MINUTES is displayed. Using the **+** button we set MINUTES
- 3) We press  The days of the week will be shown on the screen. Using the **+** button we move the cursor to the current day
- 4) We press **SET** and the day & time programming has been completed






## 24-hour programming

- 1) We press **24/7** for 3 seconds and the indication **OO** is flashing in the right part of the screen
- 2) Using the **+** button we choose one of the 49 intensity options that device programming can give us
- 3) We press **SET** and the 24-hour programming has been completed


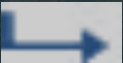
**Note:** The device has 49 pre-installed programs in which the fragrance intensity can be adjusted. For example , in program 01 the intensity of the fragrance is the lowest and in the program 49 is the highest

## Daily customized programming

- 1) We press **PR** button for 3 seconds and we have the days of the week on the screen. Using the **+** button we move the cursor among the days and with the  button we underline the days that we want to function
- 2) We press **SET** and the indication is **ON<sub>1</sub>** for the chosen days from step 1. Using the **+** button we adjust the time in which we want the device to **start operating** and we press   
Using the **+** button we adjust the minutes of the starting working hour of the device
- 3) We press **SET** and the indication is **OFF<sub>1</sub>** for the chosen days from step 1. Using the **+** button we adjust the time in which we want the device to **stop operating** and we press   
Using the **+** button we adjust the minutes of the ending working hour of the device

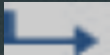
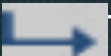
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## Daily customized programming

- 4) We press **SET** and the indication **OO** is flashing in the right part of the screen for the days we have chosen. Using the **+** button we choose one of the 49 installed programs (intervals) of the fragrances intensity
  - 5) We press **SET** and we have the remaining days on screen that need programming. Using the **+** button we move the cursor under these days and with the  button we underline the days that we want to adjust
  - 6) We repeat STEPS 2,3, 4 and 5 until to complete all the days of the week
- a) Note in the step 4 of the programming: After the adjustment of the Interval if we choose **SET** and at the same time  button instead of **SET** only, we have the indication ON2 for the chosen days. Repeating steps 2,3 and 4 we can program a second function zone for the chosen days
- b) In case we want for day the device to be **OFF** ex. Sunday we program the Interval 1 **OO** for that specific day.

*(Continue from page 10)*

## STEPS

- 1) We press **CLOCK** and the indication HOUR is displayed. Using the **+** button we set HOUR
- 2) We press  and the indication MINUTES is displayed. Using the **+** button we set MINUTES
- 3) We press  The days of the week will be shown on the screen. Using the **+** button we move the cursor to the current day
- 4) We press **SET** and the day & time programming has been completed

# Specifications

## IconoScent®

### Technical Characteristics

<b>Reference</b>	IconoScent®
<b>Type</b>	Cold Evaporation Diffusion device
<b>Diameter of particles</b>	300nm to 1µ micron
<b>Power Input</b>	
<b>Input</b>	100 - 240 VAC at 0.6 A
<b>Frequency</b>	50/60 Hz
<b>Protection</b>	Switching power supply
<b>Internal Power</b>	12 VDC at 1.5 A
<b>Back-up battery</b>	Lithium 3V, #CR2032
<b>Performance</b>	Up to 500 m <sup>2</sup> subject to air flow conditions
<b>Control</b>	Programmable start & stop times Programmable output 1 to 49
<b>Dimensions</b>	
Height x width x depth	28cm x 28cm x 13cm
Weight with full container	4,800 kgs
<b>Cartridge</b>	
Reservoir	500ml
Disposable/Recyclable	

Patented **Spring Air**



Revolutionary  
solutions  
for different  
needs...