

PROFESSIONAL DIFFUSER KLIPAIR C100

KLIPAIR C100 BOX TECHNICAL CHARACTERISTICS

CASE

- Steel case L 300 mm H 400 mm D 150 mm epoxy paint in RAL 7035 (stainless steel optional)
- Secured lockout key
- Wall mounting
- Power supply 220 V / 50 Hz - 65 W

INTERNAL CONTROL PANEL

- Power supply card 12 VDC - 63 W - protected by an internal fuse type 5 x 20 (IEC) 4 A / 250 V
- Programming by SD card via an PC interface
- Diffusion intensity adjustable through a potentiometer
- ■ Red flashing LED > power up
- ■ Green flashing LED > diffusion activated
- Compressor 12 V - flow 7 l/min - max. pression 2 bars

DIFFUSER HEAD

- Patented system
- Liquid consumption 0,5 to 2 ml/h
- 1 litre PET-bottle

Design by Onyx Communication | www.onyx-communication.com - Photo credit: D.R. KLIPAIR®

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KLIPair

PROFESSIONAL DIFFUSER KLIPAIR C100

KLIPAIR C100 is an aerosol dispensing system developed and marketed by the company KLIPAIR allowing cool and dry fragranced vapour diffusion thanks to a patented process. Manufactured with noble materials avoiding any kind of bio-compatibility problems (liquid/materials), KLIP C100 is a stand-alone professional diffuser recommended for air and surfaces treatment. The box is supplied with 110/220 volts including an air microprocessor and a KLIP R100® head dispensing the aerosol with a liquid tank. To ensure safe handling of refill of liquid, the electrical components are installed in a separate compartment.

EXAMPLES OF APPLICATIONS

- Air treatment to provide olfactory well-being and odor elimination.
- Disinfection / Decontamination treatments.
- Central air conditioning equipment treatment.
- HVAC networks treatment.
- Farm and agribusiness facilities.
- Diffusion of a liquid as an aerosol for various applications.

Generally speaking, the diffusion of an aerosol consist in a dense cloud of cold and dry submicron particles. This feature allows the diffusion of the product without condensation or deposit problems due to extremely fast aerosol evaporation (a couple of 10^{ths} of a second on average at room temperature).

BENEFITS

FLUID IS IN A GASEOUS STATE:

- > no deposit (wet spray)
- > the aerosol can be moved away up to 5 meters with a silicon tube
- > homogeneous gaz expansion

COLD PROCESS:

- > no modification / denaturation of the liquid as there is no heating process
- > no condensation risk on the cold parts (air conditioning suitable process)

COST SAVING PROCESS:

- > 100 % of the fluid is useful
- > possibility to replace the fragrance very quickly (no impregnation)
- > liquid consumption from 0,5 to 2 ml/h

ENVIRONMENTALLY FRIENDLY:

- > no propellant greenhouse gaz

GENERAL CHARACTERISTICS

AN ENTIRELY INNOVATIVE SYSTEM

- > An innovative and patented diffusion system
- > A non-combustion process
- > Without heating
- > Manufactured with noble materials of medical-type Class II A (Quality Assurance and traceability)
- > No release of materials into the liquid (biocompatible materials)

A STAND-ALONE DIFFUSER

- > Plug and Play system
- > On / Off switch
- > Time setting and diffusion cycles scheduling via an SD card interface
- > Potentiometer setting for adjusting the fragrance strength

A SECURED SYSTEM

- > Secured steel case resistant to damages
- > Robust and high quality materials
- > Wall mounted device
- > Liquid and control device access secured by keys