

CE Ex II 2G

Ecodry Light

Ref. 60143

SAFETY WARNINGS AND INSTRUCTIONS



WALMEC ITALY **HEADQUARTERS**

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WALMEC ITALY **PRODUCTION PLANT**

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MEANINGS OF SYMBOLS USED



-Warning



-Fire hazard



-Explosion hazard



-Burn hazard



-Mandatory eye protection



-Mandatory protective gloves



-Mandatory body protection



-Mandatory protective shoes



-Mandatory hearing protection

SAFETY WARNINGS

- Before using the spray gun, **carefully read the following warnings, recommendations and instructions for use!**
- Keep these documents with the Ecodry light!



FIRE OR EXPLOSION HAZARD:

- The Ecodry Light is designed to be used in explosive atmospheres classified as zone 2 (ATEX Directive). **Do not use the spray gun in zone 0 and 1!**
- **Do not use solvents and/or halocarbon based detergents** (Ethyl trichloride, Methyl chloride, etc.), since they could rust galvanised parts causing even explosive chemical reactions!
- • Do not smoke or produce sparks: this could cause fire!
- • Always be sure that the painting equipment is **earthed correctly!**
- • **Use antistatic compressed air tubes** to prevent the accumulation of electrostatic loads!



HEALT EQUIPMENT AND PRECAUTIONS:

- When using and cleaning the Ecodry Light, always wear **suitable protective glove and goggles**, as well as **specific masks with filters!**
- When using and cleaning the Ecodry Light, wear suitable and **antistatic work clothing to protect the body** from contact with toxic vapours, solvents or with the products in use!
- Wear **suitable hearing protection** when using the Ecodry Light since 85 dB(A) acoustic pressure levels may be exceeded!
- Use the Ecodry Light only in well ventilated rooms!
- The use of some paint products containing organic solvents can cause intoxication due to the toxic fumes they emit. In every case, it is necessary **to read the technical sheets for the products** before use!
- The use of compressors or other pulsating pressure generators may produce **vibrations that can cause injuries due to repeated stress**, especially when the tube that connects the compressor to the Ecodry Light is not sufficiently long and flexible!



IMPROPER USE RISKS:

- Never direct the jet towards people or animals!
- Never exceed the declared maximum working pressures!
- Never use components or parts that are not Walcom® originals!
- After cleaning, maintenance and/or repairs and, in any case, **before using the Ecodry Light, make sure nuts and bolts are firmly secured in their housings!**
- Before any disassembly and/or maintenance operations, **make sure that the Ecodry Light has been disconnected from the supply unit!**



SPECIAL CONDITIONS FOR SAFE USE:

When using the Ecodry Light, heat hazards may be due to:

- use of hot compressed air;
- inside spray booth temperature;

In this situation, at most, the Ecodry Light surface reaches the compressed air temperature or the inside spray booth temperature.

In these conditions, pay ATTENTION to the following:

- the spray gun surface temperature should not exceed the burning limit of 43°C (UNI EN 1953 paragraph 5.4).

If this is the case, hand protection must be worn: (for example, heat resistant antistatic gloves);

- the spray gun surface temperature should never exceed 85°C, temperature sufficiently lower than the Minimum Ignition Temperature (**TMA**) of solvents commonly used for bodywork, woodwork and industrial painting;

- in case of doubt, ask your dealer for information on the solvent **TMA**.

The list of construction materials used will be provided upon request.

KEY TO ECODRY LIGHT

Con riferimento alla fig. 1 le parti essenziali sono

1. Inlet air flow regulator;
2. Antistatic plastic central body;
3. Outlet air flow regulator nut;
4. O-ring
5. Suction sleeve air tube;
6. Air suctioned filter;
7. Body/nut pins;

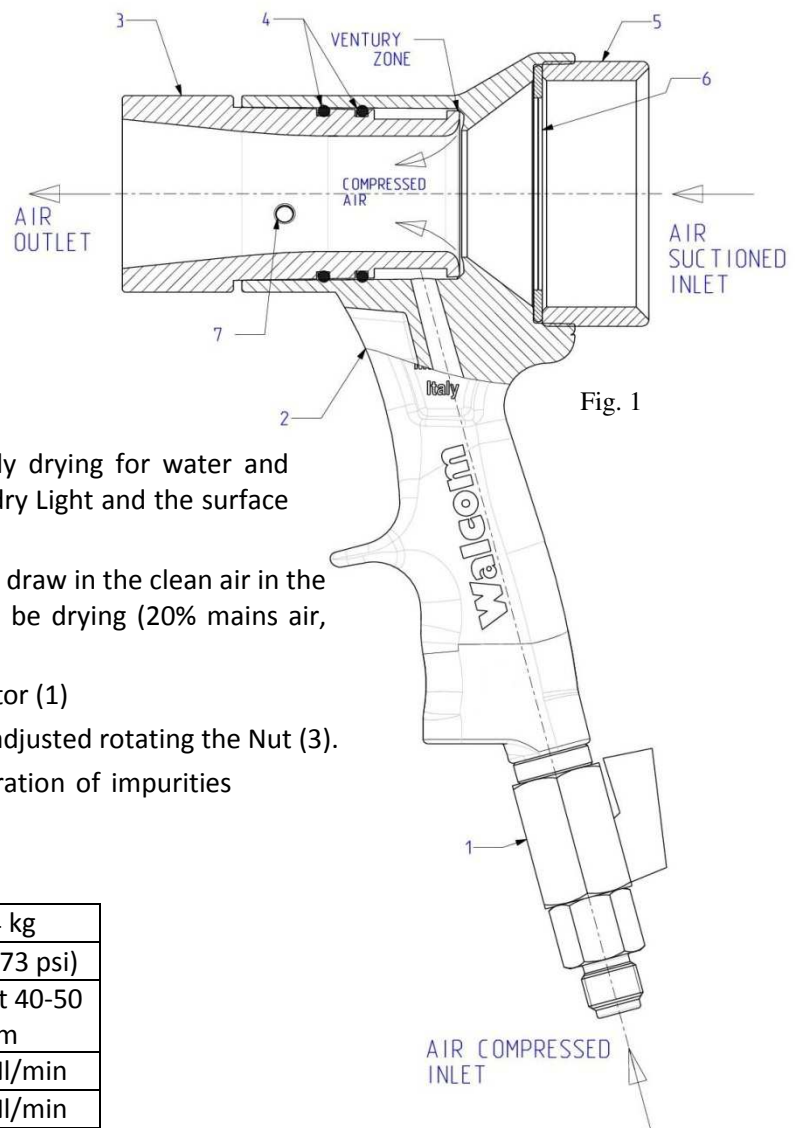


Fig. 1

USE AND ADVICE FOR CORRECT USE

The Ecodry Light is designed for quickly and easily drying for water and solvent bases paint. The distance between the Ecodry Light and the surface to be dry must be at least 40-50 cm.

The Ecodry Light, provided with the Venturi system, draw in the clean air in the external ambient and blow it onto the surfaces to be drying (20% mains air, 80% of recycled air).

The inlet air flow could be adjusted with the Regulator (1)

The draw air velocity and relative air flow could be adjusted rotating the Nut (3).

Work with perfectly filtered air to avoid the infiltration of impurities that could be compromise finish quality.

TECHNICAL DATA

Weight	0.4 kg
Maximum inlet pressure	5 bar (73 psi)
Distance between the Ecodry Light and the surface to be dry	At least 40-50 cm
Air consumption at 5 bar	400 NI/min
Air consumption at 4 bar	320 NI/min
Air consumption at 3 bar	250 NI/min
Air consumption at 2 bar	180 NI/min

DECLARATION OF CONFORMITY



WALMEC S.p.A., with headquarters in Via Trieste 10, 31025 S. LUCIA DI PIAVE (TV) - Italy, manufacturer of the Walcom® apparatus, for drying and flash off the water and solvent based paint, named **ECODRY LIGHT**:

STATES that the abovementioned device meets **ATEX 2014/34/UE** Directive and, thus, is suited for use in potentially explosive atmosphere Zones 1 and 2 within the limits of the classified zones and according to the Instructions for use.

This device was subject to assessment procedures for Internal Manufacturing Control (Directive 2014/34/UE - Appendix VIII - Form A).

Furthermore, the manufacturer **STATES** that the abovementioned devices meet the essential safety requirements sanctioned by **Machinery Directive 2006/42/CE** and that harmonized regulations **EN ISO 12100:2010, EN 1127-1:2011, EN ISO 80079-36:2016, EN 1953:2013** were applied.

S. Lucia di Piave (TV), li March/10/2018

The sole Director

Paolo Zanetti

A handwritten signature in black ink, appearing to read 'Paolo Zanetti'.