



USER MANUAL

HYDROPRO 800

STANDARD & PREMIUM versions

Ref. 30922 / 30923 / 30894 / 30921



EUROPE PROJECTION - Z.I. Rousset Parc Club - 343, avenue Francis Perrin - 13106 Rousset sur Arc Cedex
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SAS au capital de 400 000€ - SIREN 394 961 510 – NAF 2892 Z

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1. INTRODUCTION

You just acquired a **HYDROPRO 800 airless atomizer** and all the team of Europe Projection thanks you for the confidence you have granted us.

Manufacturer of professional equipments for paint and fillers, we have put our know-how for 20 years at the service of the users of our machines.

Our technical and commercial team is at your disposal for any further information you may need about the machine you just acquired.

EUROPE PROJECTION

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2. USER MANUAL

2.1. IMPORTANCE OF THE MANUAL

This manual is a key part for the use of your machine. It summarizes the procedures of starting-up, cleaning and maintenance of the device and also the safety instructions you need to observe.

Read carefully all the working and safety instructions and the warnings included in this manual before starting your machine.

Most of the accidents are caused by the non-compliance of the safety standards and rules.

This manual must be kept near the machine, within reach of the user and held in good condition until the final destruction of the machine.

In case of loss or deterioration of the manual, you can ask the machine manufacturer mentioned on page 4 for a copy at any moment.

2.2. RECEIVERS OF THE MANUAL

This manual is intended to any staff which will manipulate the machine :

- people in charge of the transport of the machine
- people in charge of the use of the machine
- people in charge of the cleaning and maintenance of the machine
- people in charge of the final destruction of the machine

3. WARNING

3.1. SAFETY

Using the machine in an incorrect way or in non-compliance of the safety instructions indicated in this manual can cause death or serious injuries.

Read carefully all the working and safety instructions and the warnings contained in this manual before starting your machine.



- Respect all the safety standards before running the equipment.
- Use the equipment only for the applications specified in the manual.
- Always remain alert when using the equipment.
- Transport the machine using the handles or the appropriate grips.
- During the breaks, disconnect electrically the machine.



- Run the equipment to its nominal voltage.
- Let at least 50 cm of free space between the equipment and any obstacle so that the air flow is not blocked.
- Know how to quickly stop the equipment in case of necessity.
- Never use the equipment while it is running abnormally or if it is defective.
- Do not direct a water jet or flammable liquid on the machine.
- Never direct an air jet or product jet on a person or an animal.
- Do not touch warm surfaces of the equipment.
- Always wear adequate body protections (glasses, gloves, overall and mask) and pay attention to long hair.
- Never touch moving parts.
- Do not insert any object or the hands inside the protection grids to avoid any accident or damage to the machine.
- For any outside job, only use appropriate extension cords.



- Maintain the equipment carefully and clean it properly after every use.
- Disconnect the equipment before any intervention.
- Avoid absolutely to unscrew any connection while the machine is under pressure.
- Check the damaged parts.
- Do not clean the plastic parts with solvent.
- In case of damage of the electric cable or the plug, do not run the machine and contact a licensed After-Sale Service to put genuine parts instead of the defective ones.
- In case of needed After-Sale Service, always specify the machine model and its serial number.
- For any replacement of parts, only use genuine parts.

3. WARNING (continued)

3.1. SAFETY (continued)



- Do not modify the machine.
- Do not cut or dismantle the protection grids.
- Do not open the electric box.

WORKSPACE

- Maintain the workspace clean and clear.
- Ambient operating temperature must be from 5°C and 35°C.
- Do not use the equipment in a potentially explosive area.
- Do not place any potentially inflammable objects in close proximity to the machine.
- Take away every not qualified person from the working area of the machine, as well as children and animals.
- In case of installation of the machine on scaffolding or a plan above ground level, attach the machine to avoid any fall whilst operating.
- Do not install the equipment on an inclined surface to avoid the risks of unexpected moves or falls.

HOSES

- Always use hoses and connections adapted to the used product (genuine parts), do not try to fix it.
- Do not walk on the hoses, do not bend them.
- Do not use the hoses to pull the machine.

STORAGE

- Keep the equipment in a clean and clear area in which the temperature does not exceed +35°C.
- After every use, necessarily grease the pump with a mixture of water + storage liquid to avoid it blocking up. The storage of a not greased pump can damage it seriously.

IN CASE OF NECESSITY, WE SAVE OURSELVES THE RIGHT TO MAKE ANY USEFUL MODIFICATION WITHOUT ADVANCED NOTICE.

3. WARNING (continued)

3.2. ELECTRIC CONNECTION



The electric connection of the machine must be on a 16A - 230V plug with a differential circuit breaker.

Before any intervention on the machine, make sure that every energy supply is cut (air and electricity).

GROUND CONNECTOR

All the machines must be connected to the ground when they work to protect the operator from electric shocks. Our machines are all equipped with standardized connection plugs.

Electric connection must be made by a qualified technician. It is forbidden to modify or dismantle the machine, especially the electric box.

Repairs must be made by an authorized center or our After-sale Service.

During any intervention on the machine, make sure that the ground is well reconnected.

EXTENSION CORDS

During the use of an extension cord, make sure that it is not crushed or damaged and that it contains a ground. Check that the section of the used extension cord is sufficient to support the machine when it is working. A too thin extension cord can cause voltage drops or overheating of the machine.

In case of use of a cable reel, it is imperative to unwind it entirely, otherwise, the equipment can be damaged. The section must be proportional to the length of the cord.

3.3. END OF LIFE OF THE PRODUCT



At its end-of-life, the machine must not be eliminated with the other household waste. The uncontrolled elimination of waste can harm the environment or human health. Individuals are invited to contact the distributor which sold them the product or to inquire with their city hall to know where and how to get rid of the product so it can be recycled while respecting the environment.

Under the regulation of Waste of Electrical and Electronic Equipments (WEEE), we undertake to process the used EEEs according to the following provisions: applicable only to products on the market since 08/13/05, under the brands EUROPE PROJECTION or VOLUMAIR, products of other brands sold by our company (upon presentation of the corresponding invoices), products that operate using electrical energy (for example, thermal washers or compressors do not fall into this category).

Treatment modality

WEEE returns collected by our clients/distributors at their own expense to our collection points in Antony (92) or Rousset sur Arc (13). Upon receipt, the products are sorted by our employees and directed to the most appropriate processing channels.

For any further information, please contact our hotline to **conseil@euromair.com** or **04 42 29 08 96**.

4. YOUR MACHINE

4.1. DESCRIPTION

HYDROPRO 800 is a paint atomizer for intensive use on large-sized jobs, and for fillers on medium-sized jobs such as airless fillers, glues and bituminous.

It offers a regular performance in the application of thick products.

Its hydraulic motor pump has a longer and slower piston stroke, which makes its use flexible and extremely reliable.

For a simple and comfortable use, HYDROPRO 800 PREMIUM models are equipped with a rotating reel drum.

The SSP system makes the application of high viscosity products easier, as the pump is better fed with product.



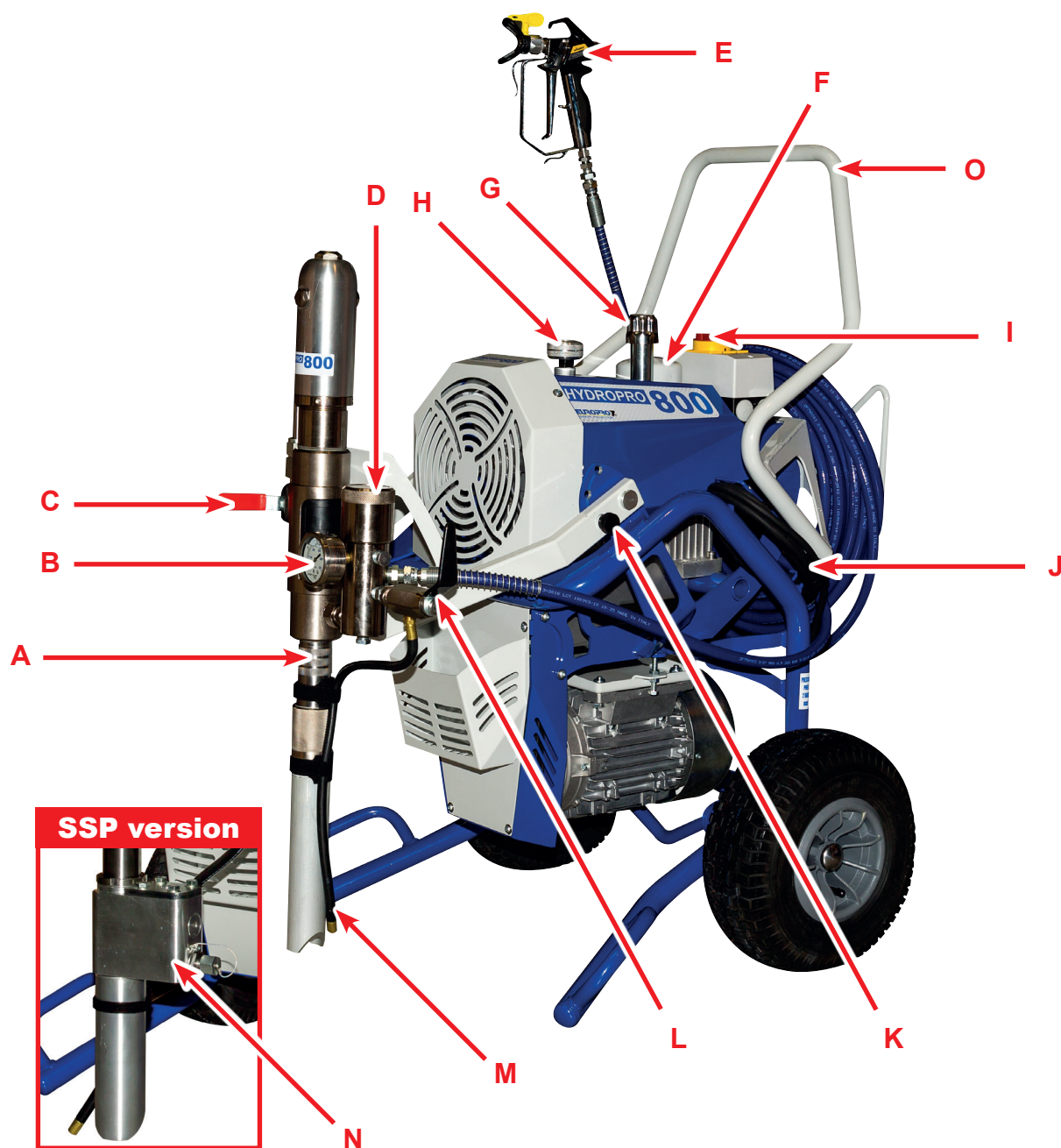
Do not use products with grain size, mortars, lime based renders, technical or special coatings with heavy loadings...

4.2. TECHNICAL CHARACTERISTICS

	STANDARD	STANDARD SSP	PREMIUM	PREMIUM SSP
Max working pressure	250 bar	250 bar	250 bar	250 bar
Max product flow-rate	6,60 L/min	6,60 L/min	6,60 L/min	6,60 L/min
Power	3 kW	3 kW	3 kW	3 kW
Electrical supply	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Max nozzle size (new)	0,051"	0,051"	0,051"	0,051"
Dimensions (L x w x h)	88 x 69 x 110 cm	88 x 69 x 110 cm	96 x 70 x 108 cm	96 x 70 x 108 cm
Weight	80 kg	82 kg	83 kg	85 kg
Delivered with	<ul style="list-style-type: none">- a Ø3/8" x 15 m hose- a Vector Grip spray-gun- a 517 nozzle- a nozzle holder			

4. YOUR MACHINE (continued)

4.3. IDENTIFICATION OF THE COMPONENTS - STANDARD VERSIONS

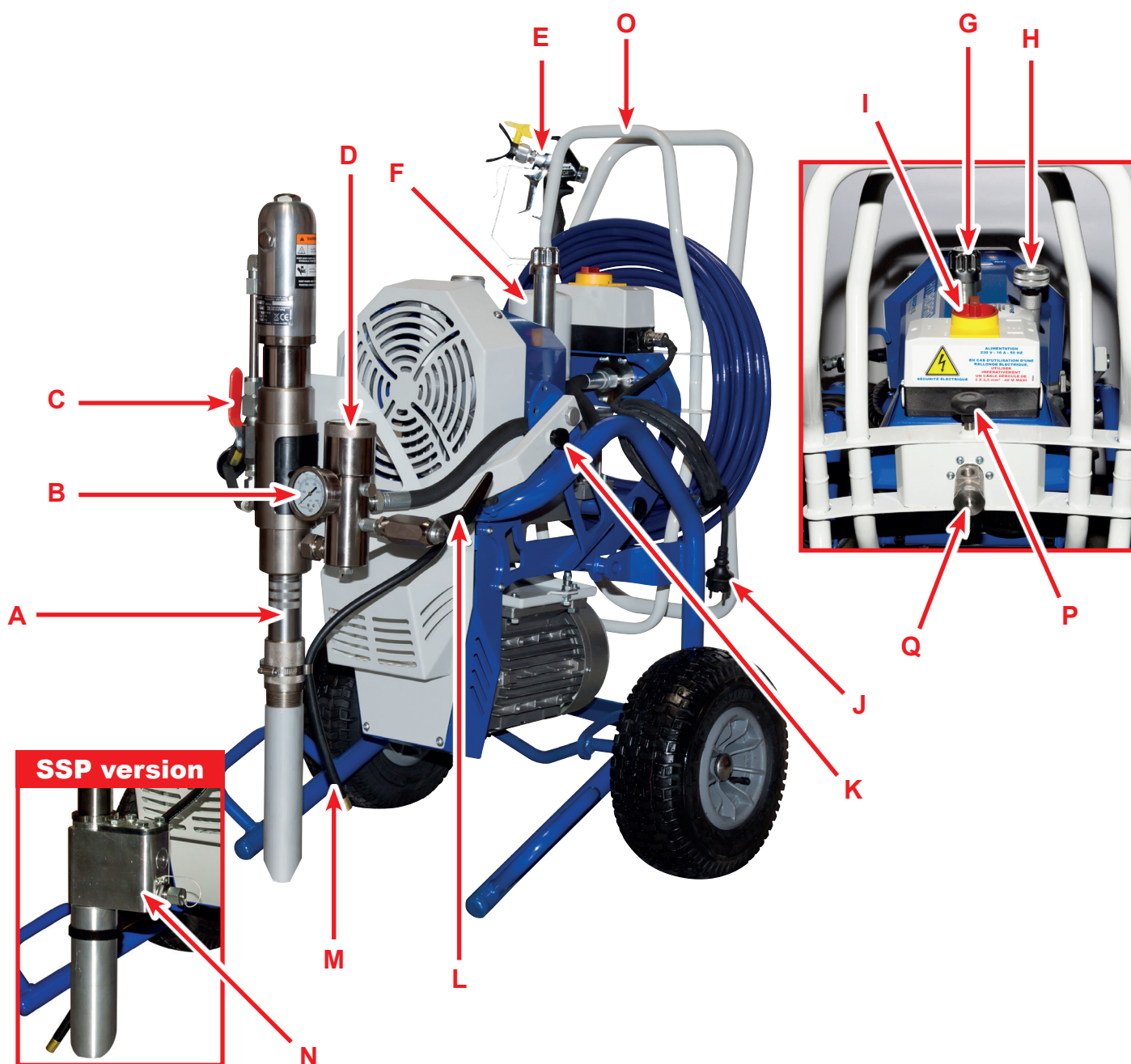


A	Product suction pump	J	Electrical plug
B	Manometer	K	Pump arm locking pin
C	Pump stop valve	L	Drain valve
D	Product filter	M	Drain hose
E	Spray-gun	N	Shovel piston (SSP version only)
F	Oil filter		
G	Oil filling cap		
H	Product pressure adjustment thumbwheel		
I	Switch		

The complete list of the machine components are available on our website
www.euromair.com

4. YOUR MACHINE (continued)

4.4. IDENTIFICATION OF THE COMPONENTS - PREMIUM VERSIONS



A	Product suction pump	J	Electrical plug
B	Manometer	K	Pump arm locking pin
C	Pump stop valve	L	Drain valve
D	Product filter	M	Drain hose
E	Spray-gun	N	Shovel piston (SSP version only)
F	Oil filter	O	Hose reel drum
G	Oil filling cap	P	Reel drumlocking thumbwheel
H	Product pressure adjustment thumbwheel	Q	Turning connector
I	Switch		

The complete list of the machine components are available on our website
www.euromair.com

5. USE OF THE MACHINE

5.1. PREREQUISITES

- The electric connection has to be 230 V - 16 A - 50 Hz with a 3 x 2,5 mm cable reel of 40m maximum, completely unreeled.
- The machine is equipped with a thermal circuit breaker which stops the engine when it has reached a temperature which is too high.
- If the machine fuse has blown, the power switch (I) turns to "OFF". Wait a few minutes to let it cool down, then reset the main circuit breaker (I) onto position "ON".



Depending on the thickness and the type of product which will be used, change the product filter (D).

- Use the locking pin (K) to switch the pump arm as needed:
 - **R1 position (pump arm up):** allows to place a bucket of product under the machine without any effort.
 - **R2 position (pump arm down):** once the bucket of product is placed under the machine, the pump arm dives into the bucket for product suction.
 - **R3 position (middle position):** allows to connect the machine to a barrel or a bag (requires an adaptation kit).

R1



R2



R3



5. USE OF THE MACHINE (continued)

5.2. STARTING UP



Before each utilization, use the gauge (G) to verify the oil level. If needed, fill with hydraulic oil.

1. Plug in the machine.
2. Switch the pump arm to the (R1) position to place the bucket of product under the machine.
3. Switch back the arm to the (R2) position to plunge the pump (A) into the bucket*.
4. Make sure that the valve (C) is closed to avoid the pressure raising too fast.
5. Put the switch (I) onto the "ON" position to start the machine.
6. Let the machine run a few seconds, then open the valve (C), the machine is ready to be used.
7. During utilization, use the (H) thumbwheel to increase or decrease the working pressure.
8. In case of change of the product bucket, close the valve (C) before switching the pump to the (R1) position.

**in case of use of a barrel or a bag, switch the pump to the (R2) position, dismantle the lower part of the pump et replace it by the adaptation kit for barrel or bag.*

6. CLEANING PROCEDURE



After utilization, to avoid a too quick decompression of the pump, close the valve (C). Then press the spray-gun trigger and let the pressure flow out. Release the trigger and open the valve (C).

1. Switch the pump arm to the (R1) position to remove the bucket.
2. Place instead a bucket of water and switch back the pump to the (R2) position.
3. Open the valve (C) and atomize the water to clean the product circuit and evacuate the paint remaining into the hose.
4. Open the drain valve (L) and let the water flow out of the (M) hose.
5. Remove the product filter (D) of its housing to verify it is cleaned well.
6. Put the switch (I) onto the "OFF" position, then disconnect the machine of the electrical network.
7. For the PREMIUM versions, unscrew the reel drum thumbwheel (P) and reel the hose. Screw back the thumbwheel (P).



The direct projection of water under pressure onto the motor has to be stopped at the risk of water infiltration. Proceed by simply cleaning with a humid sponge.

7. FAILURES AND REMEDIES

Failure	Remedy
I turn the switch and the machine does not start.	<ul style="list-style-type: none">• Verify the electrical supply.
I try to atomize but the pump does not run.	<ul style="list-style-type: none">• Verify the electrical supply• Verify that the switch (I) is onto the ON position.• Let the machine cool down for a few minutes and try again.
I press the trigger of the spray-gun and the product does not flow out.	<ul style="list-style-type: none">• Verify that the nozzle is not clogged.
The pump does not stop when I do not paint.	<ul style="list-style-type: none">• Verify that the pump valve is not stuck.• Contact the After-Sale Service.



In case of an unknown defect or a doubt on the good running of the machine, do not try to repair it by yourself or to dismantle it.

Contact an authorized After-Sale Service or our hotline : **+33(0) 4 42 29 08 96**.

8. DECLARATION OF CONFORMITY

THE MANUFACTURER : EUROPE PROJECTION
Z.I Rousset Parc Club
343 bd Francis Perrin
13106 ROUSSET CEDEX

DECLARES THAT THE EQUIPMENT DESIGNATED BELOW :

Trademark : EUROPE PROJECTION

Type : Airless atomizer

Model : HYDROPRO 800

COMPLIES WITH THE ARTICLE:

- the R.233-73 article of the Labour Code

THE DIRECTIVES :

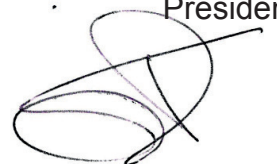
- Machines 2006/42/CE
- Low voltage 2014/35/UE
- CEM 2014/30/UE
- ROHS 2011/65/UE

AND WITH THE STANDARDS:

- NF EN ISO 12100
- NF EN 60204-1
- NF EN ISO 13857
- NF EN 1953

ROUSSET, FEBRUARY 16th 2017

Patrick BOREL
President



Distributed by : EUROMAIR DISTRIBUTION
Z .I. Rousset Parc Club, 343 boulevard Francis Perrin - 13106 Rousset sur Arc Cedex
Tél : 00 33 (0)4 42 29 08 96 – Fax : 00 33 (0)4 42 53 44 36
SAS au capital de 40 000€ - SIREN 444 797 310 000 – NAF 4673 B

9. WARRANTY

9.1. WARRANTY CONDITIONS

- The manufacturer guarantees the products in case of a defect in design or manufacture for a period of 12 months from the date of invoice.
- The wearing parts are excluded from the warranty.
- Any warranty intervention must be exclusively performed by the manufacturer or an authorized After-Sale Services.
- The shipping of any product to the manufacturer, for whatever the type of warranty service, is subject to its acceptance.
- The warranty covers the free of charge repair or the replacement of the defective components identified by our technicians.
- The warranty is void in case of damages caused by an accident, resulting from negligence, an incorrect use or installation, improper or not in accordance with the warnings contained in the user manual.
- The warranty is also void in case of modification or repairs performed by unauthorized staff.
- The warranty excludes any type of compensation in case of damage to persons or problems caused by incorrect or inappropriate use.
- This warranty will be applied only to buyers who have complied with the contractual and administrative standards and will be able to present a specific documentation mentioning the date of purchase.
- This is the only valid warranty recognized by the manufacturer. No one is allowed to deliver another one, oral or written, or modify its terms.



All our terms of sales and shipping are available on our **general catalogue of the ongoing year** and also on our website **www.euromair.com**.

9. WARRANTY (continued)

9.2. CERTIFICATE OF WARRANTY

**IT IS COMPULSARY TO RETURN THIS DOCUMENT DULY COMPLETED
BY E-MAIL : contact@euromair.com OR BY FAX : +33(0)4 42 53 44 36**

IMPERATIVE

The manual must be provided to the user of the equipment.

It must be read before starting up the machine.

For any intervention under warranty, the purchase invoice must be presented.

WARRANTY

Each product is delivered inspected and tested.

Moreover, it is guaranteed for 12 months from the date of purchase.

This guarantee only applies if the buyer respects the safety regulations, contractual and administrative standards and if the use was in conformity with the instructions present in the user manual.

Based on this warranty, the manufacturer will repair or replace free of charge any part that can deteriorate itself or be defective during this period.

The "final judgment" rests solely with our After-Sale Service technicians.

The guarantee does not cover parts which, because of their specific use, are subject to wear and tear.

If the identified defects could not be attributed to our liability, costs will be charged to the buyer.

MODEL : HYDROPRO 800 airless atomizer

SERIAL NUMBER :

DELIVERY NUMBER :

Rousset, dated

Signature of the dealer

Signature of the final user

Stamp of the final user

Distributed by : EUROMAIR DISTRIBUTION

Z .I. Rousset Parc Club, 343 boulevard Francis Perrin - 13106 Rousset sur Arc Cedex

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