

# NOVASPRAY

PROFESSIONAL PAINTING SYSTEMS

## Pro Industrial Painter



H.V.L.P. System

**USE & SERVICING MANUAL**

Novaspray Pty Ltd  
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Dear Customer,  
Thank you for choosing Novaspray. We are leading the way to create affordable solutions for our contract painters.  
Our systems are designed and manufactured to guarantee the best performance ever.  
Please take a moment to read this booklet and always adhere to our guidelines.  
Thank you once again.

### INFORMATION AND USE OF THE MANUAL

This Use and Maintenance Manual is an integral part of the machine and the user must have knowledge of its content. Although the main features of the machine described in this manual are not subject to change. Novaspray reserves the right to change those components, details and accessories it deems necessary to improve the machine or to meet manufacturing or commercial requirements, at any time and without updating this manual immediately.

ALL RIGHTS ARE RESERVED. The reproduction of any part of this manual, in any given form without prior written authorization from Novaspray Pty Ltd is strictly forbidden.

### SYMBOLS USED

 Represents the operations which might be dangerous if not performed correctly.

 Represents the operations which, in order to avoid risks, must be performed by trained and authorized personnel.

All personnel in charge of using the machine must be thoroughly trained; all the above information must be thoroughly understood and applied.

### PACKAGING/STORAGE

To transport the machine, it is packaged in a cardboard box. All components (hose, filters, gun etc.) are placed with the machine in the same cardboard box. When storing the machine, make sure the surrounding temperature remains between 15-40C and humidity remains between 30 and 80%.

### INSPECTION OF PURCHASED PRODUCT

The original configuration of the painting machine cannot be changed at all. Original Novaspray accessories and spare parts comply with safety regulations. When receiving your machine check that:

The package is intact and without damages

All the documentation necessary is present for Use & Maintenance

 In case of damage inform reseller.

### AUTHORISED SERVICE CENTRES

**SA:** Novaspray Pty Ltd  
33 Starr Avenue, **North Plympton** SA 5038  
Phone: (08) 8376 4888 Fax: (08) 8376 6311

**VIC:** Access Spray Equipment  
5/65-69 Kyle Road, **Altona North** VIC 3025  
Phone: (03) 9391 5888 Fax: (03) 9391 5877

Sprayworld  
1331 North Road, **Huntingdale** VIC 3166  
Phone: (03) 9562 6533 Fax: (03) 9543 2345

**WA:** All Spray Equipment  
270 Welshpool Road, **Welshpool** WA 6106  
Phone: (08) 9358 1313 Fax: (08) 9358 1081

**NSW:** The Chameleon  
50 Harper Res, **Sth Windsor** NSW 2756  
Phone: 0404 677789

Spray Equipment Mobile Service  
PO Box 735 **Moorebank** NSW 1875  
Phone: (02) 9822 4011 Mobile: 0417 669 282

**QLD:** Airless Spray Equipment  
36 Aquarium Avenue, **Hemmant** QLD 4174  
Phone: (07) 33908199

AusWater Blasters  
9 Deebing Street, **Ipswich West** QLD 5305  
Phone: (07) 3812 1112 Fax: (07) 3812 1115

Brizpray  
19 Robyn Street, **Chapel Hill** QLD 4069  
Phone: (07) 3720 2763 Fax: (07) 3378 7286

J & SK Engineering  
18 Platypus Street, **Wamuran** QLD QLD 4512  
Phone: (07) 549 66919

Yahoo Spraybooth Services  
4/6 Sydal Street, **Caloundra** QLD 4551  
Phone: (07) 54927481 Mobile: 0414 813 192

## TROUBLESHOOTING

 Problem	Probable Cause	Solution
 Turbine doesn't start	-There is no current -Turbine switch, cable plug are damaged	-The plug is not connected -Check switch, cable & plug -Call the Novaspray Tech Centre
 Air flow is too high/ and or low	-Air Filter is dirty -Air Hose is damaged -Air Hose has not been installed correctly	-Replace Air Filter -Call the Novaspray Tech Centre -Check Air Hose tightening
 Turbine Makes Noise	-The motor is damaged	-Call the Novaspray Tech Centre

## WARRANTY

**Novaspray** systems are guaranteed for a period of one year from the date written on the invoice or on the receipt, unless otherwise stated in writing. The warranty covers all manufacturing faults and material defects. Replacements and repair operations are covered only if carried out by our company or approved service centres. This does not include freight or labour costs. Warranty does not include direct or indirect damage, damage or harm caused to property or people and repairs carried out by the owner or by a third party. This warranty is not transferable.

The following are not covered by warranty:

Failure caused by incorrect use or assembly

Failure caused by external agents

Failure caused by lack of maintenance or negligence

Freight to or from our Service Centre

Labour costs incurred by Repair or Maintenance.

## WARRANTY FORFEITURE

Your warranty form must be completed and returned

In case of delayed payment or other contract defaults

When changes or repairs are carried out without prior authorization

When the unit is dismantled, tampered or repaired by an unauthorized person

When damage is caused by improper use, is dropped, falls, or bumped by other causes not due to normal working conditions.

The blowing unit (turbine) is delivered with the following standard components:

1 x HVLP Spray Gun

1 x 7 mtrs flexible air hose

1 x 3 Nozzles

1 x Nozzle Key

2 x Foam Filters (located with the turbine)

1 x Use & Maintenance Manual

## Machine Description

Spray Painting System designed to supply low pressure air volume. HVLP is designed to reduce "overspray" which in turn saves money, your health and our precious environment.

## Technical Features

The blowing unit (turbine) is fed by a single phase electric voltage 240v/60 htz. The fan coupled motor generates an air flow which reaches the gun and atomizes the paint.

The high volume at low pressure provides the atomization of the product being sprayed at a very low pressure hence the bounce back is greatly reduced. The turbine also produces hot and dry air providing a faster drying finish. All components are of high quality and purpose made.

## Paints, Fluids & Adequate Products

In order to obtain products with good features of mechanical resistance and resistance to the atmospheric agents, it is necessary to follow the advice established by the manufacturer of the covering paints.

Therefore, prepare the products to be used following the manufacturer's instructions.

## **▲ DANGEROUS AND IMPROPER USES**

Using the unit in a different way than indicated by the manufacturer could damage the equipment and endanger the operator. The unit is not designed to use with dangerous, explosive and/or toxic materials and herbicides.

Novaspray is not responsible for any accident derived from the use of the machine.

## **▲ SAFETY REGULATIONS**

Warning! Respect the following safety regulations for the use of electric tools in order to protect yourself against electric shock, dangerous lesions or fire.

### **▲ Consider your working environment:**

Do not expose your Sprayer to rain and do not use in a moist or wet environment;

Always provide good lighting;

Do not use electric tools in areas with risk of fire, near liquids or inflammable gases;

Do not work in closed environments without adequate ventilation and air flow;

### **▲ Protect yourself against electric shock:**

Avoid contact with grounded components such as fridges, heaters, etc);

Do not transport your Sprayer when it is connected to electricity;

### **▲ Keep your Sprayer in a safe place:**

Your Sprayer must be kept in a dry and sheltered place;

Keep out of reach of children;

### **⚡ Do not use the cable for anything other than plugging in;**

Do not move/drag your Sprayer by it's cable and do not extract the plug by pulling the cable;

Protect the cable against oil, acids, heat sources, water, sharp edges etc.

### **Take care of your Sprayer:**

Keep your Sprayer clean and efficient by following the use and maintenance instructions;

Check the plug, cable and switch periodically and in case of damage, repaired by a qualified electrician;

### **▲ Doing this will prolong the life of your Sprayer.**

## **OPTIONAL COMPONENTS**

Top Fed HVLP Spray Gun (MBA)



10 Litre Pressure Pot

For large paint jobs, your HVLP system can be set up with a 10 litre pressure pot.

## **TECHNICAL DATA**

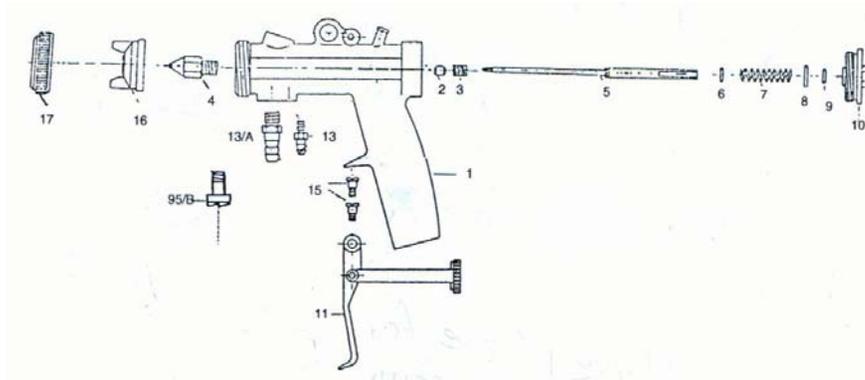
DETAIL	NPI100
Electric Motor	240V 50 htz
Airflow	2500 L/Min
Pressure	2544 mm H2O
Electric Cord	3 metres
Weight	10 Kg
Size	300x450xh350mm

## MAINTENANCE

The two filters must be replaced periodically, when dirty or clogged. They are placed either side of the machine. Their clogging impairs the motor functioning and if they are not replaced regularly, will result in burning the motor out (this will not be seen as warranty).

## SPARE PARTS

Description	Part Number
Air Filter (grey round)	LF100
Hose	HFGN10
Gun Connection	BOC02
Gun to Pot Breather Pipe (Blue)	11OU0804
Tank Holder Gasket (Cork)	LGC8
Spray Nozzle (4)	DUS07 (size 0.5, 0.7, 1.0, 1.3, 1.7, 2.1, 2.5, 3.0, 3.5)
Gun Needle (5)	AAB04
Needle Gasket (6)	GUA01
Needle Spring (7)	MOL10



## ▲ SAFETY REGULATIONS TO FOLLOW DURING USE

The Sprayer cannot be used in explosion-prone areas; Incendiary sources such as free flames, cigarette smoking, sparks, incandescent wires and overheated surfaces must not be present in the environment during use;

▲ Be certain solvents and or substances evaporating during use ARE NOT sucked up by the system;

▲ Make certain your working area is well ventilated during use;

▲ During use, always place the system behind the operator and never direct the jet in the direction of the sprayer itself;

▲ Operators must wear suitable clothing protection (mask, gloves, clothing);

Use only **Novaspray** original spare parts;

⚡ Possibly damaged systems must be repaired only by an authorized

**Novaspray** Repair Centre;

Warranty void if these instructions are not adhered to;

**Novaspray** declines all responsibility in case of users not observing safety guidelines. Furthermore, **Novaspray** is not responsible for any kind of negligence when using the equipment.

## INSTALLATION

- 1) Using the brass connection, connect the hose to the turbine side by making it turn clockwise without force.
- 2) Connect the other end of the hose (the one provided with conical connection) to the spray gun handle.
- 3) Connect the power plug and press the main switch.