

NOVASPRAY

PROFESSIONAL PAINTING SYSTEMS

The Force Four



H.V.L.P. System

USE & SERVICING MANUAL

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

1 x HVLP Spray Gun

1 x 10 mtrs flexible air hose

1 x 3 Tips

1 x Tip Key (for easy changes)

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 its 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.

20) WARRANTY REGISTRATION FORM

Return this form fully completed to:

Novaspray Pty Ltd

33 Starr Avenue, North Plympton South Australia 5037

Date of Delivery: _____

Model: _____ Serial Number: _____

✂ _____

WARRANTY REGISTRATION FORM

Please complete and return within one month

We _____

Of _____

Ph _____ Fax _____

Have this _____ day of _____

Received/commissioned to our satisfaction:

Unit Model: _____ Serial Number: _____

We have received and understand the Instruction Book and we request You to register, as from this date in your records that warranty is Applicable under your standard warranty conditions.

Signed for and on behalf of _____

✂ _____

WARRANTY REGISTRATION (Dealer Copy)

Unit Model: _____ Serial Number: _____

Date of Dispatch/commissioning _____

Customer Name _____

Address _____

Ph _____

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.

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

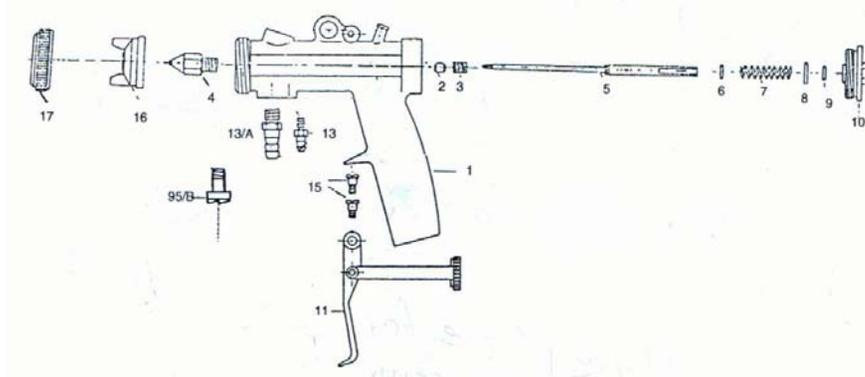
- Using the brass connection, connect the hose to the turbine side by making it turn clockwise without force.
- Connect the other end of the hose (the one provided with conical connection) to the spray gun handle.
- Connect the power plug and press the main switch.

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



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	NPI400
Electric Motor	240V 50 htz
Airflow	84 CFM
Pressure	8.5 PSI
Electric Cord	3 metres
Weight	8.5 Kg
Size	300x450xh350mm