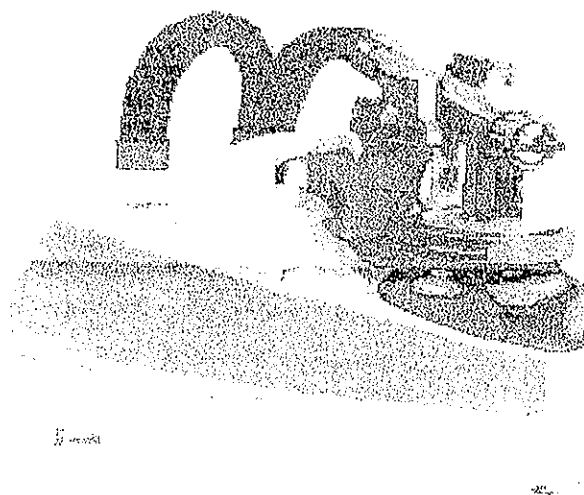


APOLLO

SPRAYMATE MANUAL



BAMBI AIR COMPRESSORS LTD

152 Thimble Mill Lane
Heartlands
Birmingham
B7 5HT
United Kingdom
Tel: 0121 322 2299
Fax: 0121 322 2297

Email: sales@bambi-air.co.uk
www.bambi-air.co.uk

INTRODUCTION

Your Apollo Sprayer is a precision engineered high quality product that will give years of reliable service and give excellent results, provided you follow the instructions and advice given in this booklet.

CONTENTS

	Page
Safety Notes	2
Parts Information	3
Using The Spray Gun	4
Basic Spraying Techniques	4 to 5
Paint Viscosity	6
Fault Finding	6

SETTING UP

Your Apollo unit consists of three main items: the turbine unit, the spray gun and the hose.

The first step is to connect the hose to the turbine and the spray gun, both ends are a push fit.

When the turbine is running, the spray gun will exhaust air all the time.

IMPORTANT

Read these instruction before using your Apollo sprayer.

FOREWORD

Parts and service advice are available from your Apollo distributor.

It is important to quote the MODEL TYPE in all communication.

The substitution of parts not manufactured or approved by Bambi Air Compressors Ltd can impair the performance, service life and create potential mechanical or personal hazards as well as invalidating your warranty.

SAFETY PRECAUTIONS

All spray painting can be a hazard to health and safety if not handled correctly.

- ! Never direct paint or any other fluids at any part of the human body.
- ! Do not dismantle the spray gun or disconnect the hoses until the turbine is switched off.
- ! Site the turbine in a well ventilated area and positioned away from the user to ensure no solvent vapours can be drawn into the turbine. Particular attention must be paid when working indoors to ensure a sufficient flow of air will extract all solvent vapours. When working outside take into account any wind direction.
- ! Whenever spraying you must use an appropriate mask or respiratory equipment.
- ! Always follow the material manufacturers application guide lines which can normally be found on the original container.
- ! During operation the turbine outlet and hose will become quite hot to the touch, this is a normal operating condition, but care must be taken to prevent burns (when the turbine has been switched off allow sufficient time for the hose and fitting to cool down before attempting to remove them).

ELECTRICAL CONNECTIONS

! IMPORTANT !

Do not attempt any work on the turbine until it has been isolated from the main electricity supply and allowed to cool down if it's been in use.

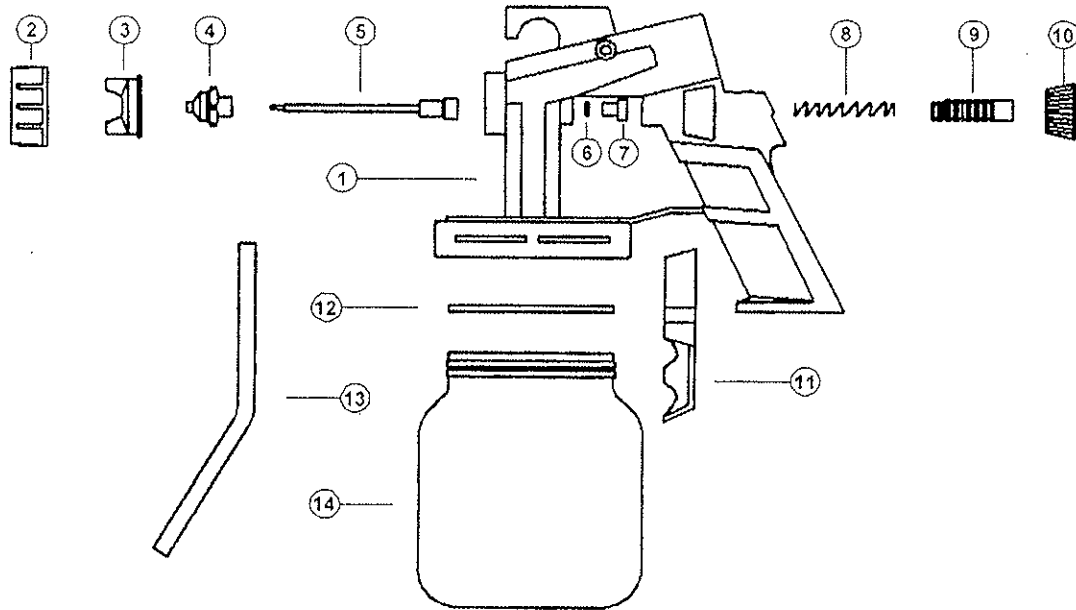
Turbines are supplied with a length of mains cable wires coded to IEC227 and IE245.

i.e. BLUE - NEUTRAL

BROWN - LIVE

YELLOW/GREEN - EARTH

SPRAY GUN PARTS AND DESCRIPTION



Position No	Description	Part No
1	Gun Body	APGP151
2	Air Cap Lock Ring	APGP152
3	Air Cap	APGP153
4	Spray Jet	APGP154
5	Needle	APGP155
6	Gland Seal	APGP165
7	Gland Nut	APGP157
8	Needle Spring	APGP158
9	Needle Adjuster	APGP159
10	Needle Adjuster Screw	APGP160
11	Trigger	APGP161
12	Cup Top Seal	APGP133
13	Paint Tube	APGP162
14	Paint Cup	APGP163

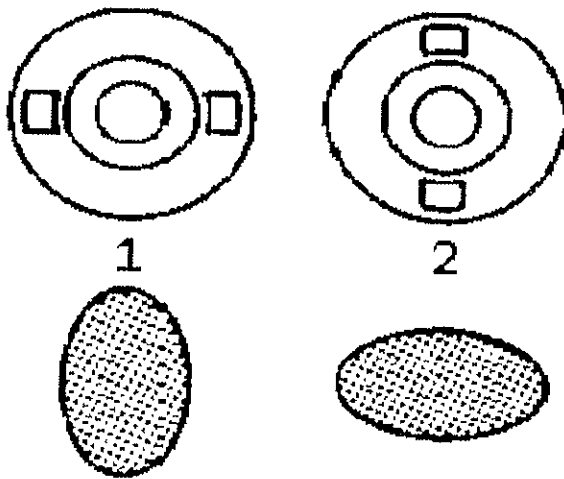
USING THE SPRAY GUN

Paint flow adjustment

The paint flow can be adjusted by turning the paint flow adjuster (item 10 page 3), Turn to the minus sign to slow the flow and to the plus sign to increase the flow.

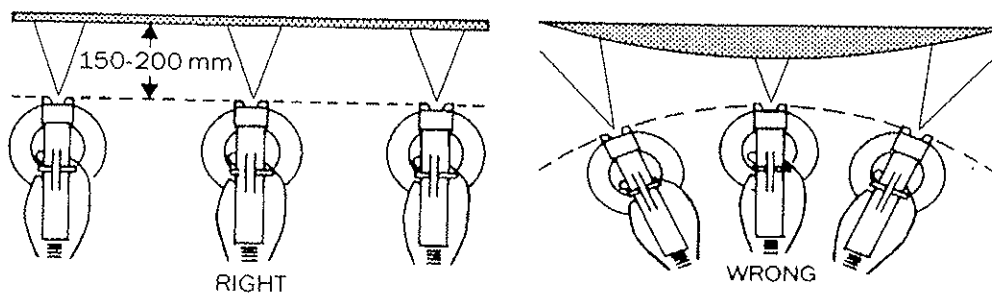
Air Cap Adjustment

Slacken the air cap lock ring, you can rotate the air cap to the required position.



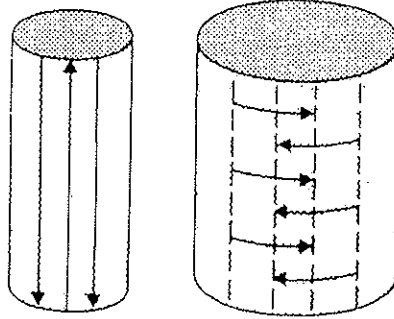
Air will flow from the air cap at all times, paint should then flow when the trigger is operated.

Spraying Techniques



SPRAYING CYLINDERS

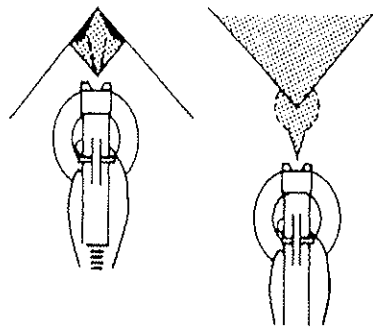
For small cylinders up to 30cm spray vertically, for large cylinders spray around the cylinder in sections as you would a large surface.



SPRAYING CORNERS

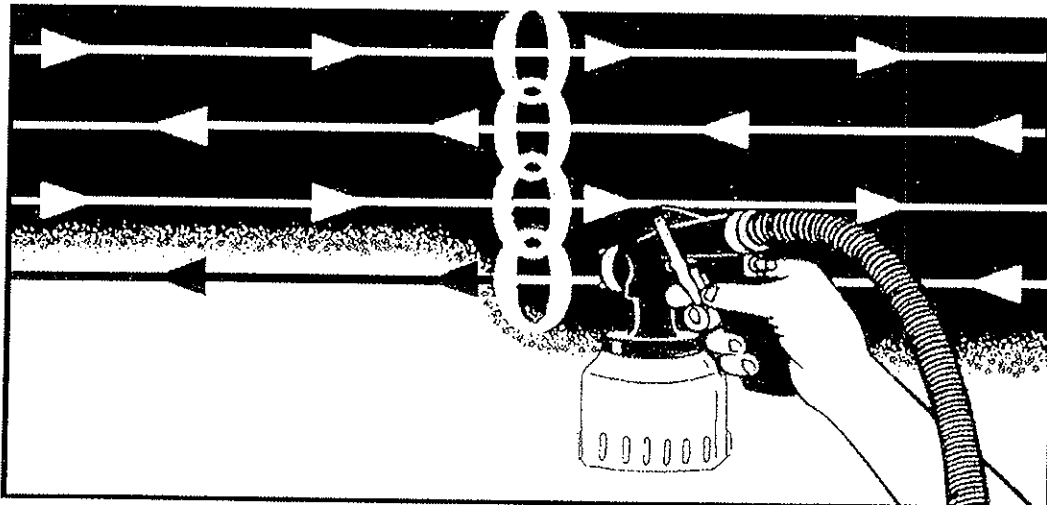
Adjust the paint flow to a small amount, try to cover both surfaces at the same time.

Always spray the edges and corners before the main work.



SPRAYING LARGE SURFACES

Adjust the paint flow to increase the flow of material, spray in sections only overlap each stroke by approximately 30%.

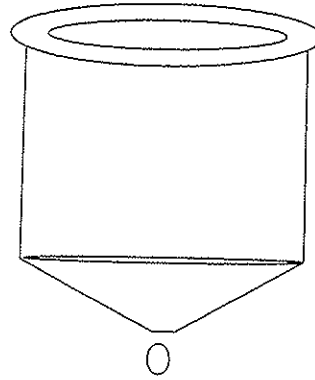


PAINT VISCOSITY

The correct viscosity of the material is essential to ensure an optimum finish. Most materials will require thinning before use.

To achieve the correct viscosity you need to use the viscosity cup supplied.

Fill the viscosity cup with the material to be sprayed, then time how long it takes to change from a steady flow to a drip from the hole at the bottom of the cup.



The following chart may be helpful.

VISCOSITY CHART

Type of product	Approximate time
Cellulose	18 Seconds
Creosote	As Supplied
Emulsion	27 Seconds
Hammer	24 Seconds
Gloss Enamel	24 Seconds
Polyurethane (Household, 1 pack)	24 Seconds
Polyurethane (Industrial, 2 pack)	As Instructed
Wood Stain	As Supplied
Adhesives	17 Seconds
Gel Coats	18 Seconds

This chart is only a guide product may vary.

FAULT FINDING

Sags or runs	Remedy
Too much material	Screw in the paint flow adjuster
Spray gun move too slowly	Move the spray gun faster
Material too thin	Check Viscosity
Spray overlapped too much	Only overlap by 30%
Dusty Appearance	
Not enough material	Unscrew the paint flow adjuster
Spray gun too far away from work	Hold the gun 150 - 200mm from work
Surface not prepared	Prepare surface, ensure it's dust free