

## SPECIFICATION

### AIR UNDERBODY COATING GUN

<b>STOCK No.55109</b>	<b>PART No.4244A</b>
Cannister cap thread (schultz type).....	M42x3P
Tube length.....	250mm
Operating air pressure .....	90psi (6.2 bar)
Average air pressure.....	8cfm (227 L/min)
Minimum hose size .....	3/8"
Air inlet size .....	1/4" BSP
Sound pressure level.....	81 dbA
Sound power level.....	93 dbA

### WEAR EAR PROTECTION

**IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS TOOL.**

## OPERATING INSTRUCTIONS

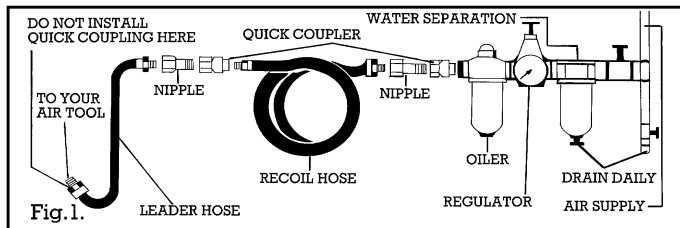
### AIR SUPPLY:

Tools in the Draper range generally operate at a maximum pressure of 90 psi (see specifications) and this should be controlled via a combined regulator/oil/water separator such as the Draper 4222/3 or 4222/4 units which with proper maintenance will ensure a constant supply of dry air and lubricating oil at all times. See Fig. 1. below. Always check machine operating pressure before use.

Water in the compressor tank will cause serious corrosion to your air tools and should be drained daily to avoid excessive water in your air supply. Dirty wet air rapidly shortens the life of your air tool.

If you are using an air tool on a hose over 25ft. long it is advisable to increase the bore of the hose to the next larger size available i.e. 1/4" increases 3/8". This will ensure adequate pressure and volume of air to power the machine.

### RECOMMENDED AIR SUPPLY:



### OPERATION:

Some air tools have inbuilt regulators which can be used to control speed/torque performance, on machines without inbuilt regulators this can be done by varying the pressure on your air supply regulator.

### MAINTENANCE:

Every day, before use, remove the tool from the air line, use an oil can and pour the equivalent of a tablespoon of suitable oil into the machine (through the air intake). Operate at low speed to ensure lubrication of all moving parts. If machine is in constant use or is to be used for long periods of time a combination filter/lubricator must be fitted in the system. At all times the system must be fitted with an air filter.

**Recommended oils are Shell Tellus 22, Duckhams Zircon 32 or Castrol AWS32. Do not use normal engine oil or similar.**

**Please note: failure to comply with the above Maintenance/Operating Instructions could invalidate the Guarantee.**

## TROUBLE SHOOTING

PROBLEMS	POSSIBLE CAUSES	REMEDIES
Tool runs at normal speed but loses under load	<ul style="list-style-type: none"> <li>Motor parts worn.</li> <li>Cam clutch worn or sticking due to lack of lubricant.</li> </ul>	<ul style="list-style-type: none"> <li>Lubricating clutch housing.</li> <li>Check for excess clutch oil. Clutch cases need only be half full. Overfilling can cause drag on high speed clutch parts, e.g. a typical oiled/lubricated wrench requires 1/2 ounce of oil.</li> </ul> <p><b>GREASE LUBRICATED-NOTE:</b> Heat usually indicates insufficient grease in chamber. Severe operating conditions may require more frequent lubrication.</p>
Tool runs slowly. Air flows slightly from exhaust	<ul style="list-style-type: none"> <li>Motor parts jammed with dirt particles</li> <li>Power regulator in closed position</li> <li>Air flow blocked by dirt.</li> </ul>	<ul style="list-style-type: none"> <li>Check air inlet filter for blockage.</li> <li>Pour air tool lubricating oil into air inlet as per instructions.</li> <li>Operate tool in short bursts quickly reversing rotation back and forth where applicable.</li> <li>Repeat above as needed. If this fails return to service centre.</li> </ul>
Tools will not run. Air flows freely from exhaust	<ul style="list-style-type: none"> <li>One or more motor vanes stuck due to material build up.</li> </ul>	<ul style="list-style-type: none"> <li>Pour air tool lubricating tool into air inlet.</li> <li>Operate tool in short bursts of forward and/or reverse rotation where applicable.</li> <li>Tap motor housing gently with plastic mallet.</li> <li>Disconnect supply. Free motor by rotating drive shank manually where applicable</li> <li>If tool remains jammed return to service centre.</li> </ul>
Tool will not shut off	<ul style="list-style-type: none"> <li>'O' rings throttle valve dislodged from seat inlet valve.</li> </ul>	<ul style="list-style-type: none"> <li>Replace 'O' ring or return to service centre.</li> </ul>

## DECLARATION OF CONFORMITY

We Draper Tools Ltd. Declare under our sole responsibility that the product:

**Stock Number:- 55109 Part Number:- 4244A**

**Description:- Air underbody coating gun**

To which this declaration relates is in conformity with the following directive(s):-

89/392/EEC, 91/368/EEC and 93/44/EEC.

With reference to TC255N, EN292, EN28662/1 and

Pneurop Standard 8N-1.

**JOHN DRAPER**

Managing Director

05/98