

Cosmo Compressor



Manual: 010504/00003

Compressor

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Introduction

FOR YOUR SAFETY AND THE SAFETY OF OTHERS ALWAYS READ FULLY THESE INSTRUCTIONS BEFORE OPERATING THIS COMPRESSOR

INTRODUCTION

Congratulations on the purchase of your electric compressor. These compressors have been designed and manufactured to the highest standards and have been tested according to European Standards for a safe and trouble free operation.

WARRANTY

This Compressor is guaranteed against manufacturing defects for a period of 12 months from the date of purchase. Unless otherwise stated.

In order to give a satisfactory service the compressor **MUST** be correctly assembled, installed, maintained and used. The warranty against manufacturing defects depends on the user ensuring that the correct procedures are followed.

Always...

Ensure the correct power supplies are used. If the compressor is fitted with a 13A 3 pin plug, then it may be used on any domestic supply. See Setting Up on page 7

Inspect the compressor regularly and replace worn parts and consumables as necessary. See Maintenance on page 9

This warranty does not cover items, which are considered to be consumable, i.e. Air intake filters, or items worn through general wear and tear. Nor defects caused by incorrect assembly, installation, maintenance or use.

ALL WARRANTY CLAIMS MUST BE ACCOMPANIED WITH RECIEPT OF PURCHASE

<p>N.B. Cosmo compressors are only designed to operate 10 minutes on and 10 minutes off. For models without recievers or pressure switches, do not operate for longer than 10 minutes at a time.</p>

Standard Components

- 1 **MOTOR/PUMP UNIT:** Provides the power and compresses air to the desired pressure.
- 2 ***RECEIVER:** Air storage providing pulsation free air on demand.
- 3 **PRESSURE SWITCH:** Monitors the air pressure in the receiver and starts and stops the compressor automatically according to pressure level. Also acts as compressors on/off switch.
- 4 **RECEIVER PRESSURE GAUGE:** Indicates Air pressure in the receiver.
- 5 ***OUTLET PRESSURE GAUGE:** Indicates air pressure being used/ delivered down the air line.
- 6 **AIR OUTLET VALVE:** Gate valve to pressurize the airline. Some models have more than one outlet valve and can be regulated or unregulated.
- 7 ***REGULATOR:** Enables regulated air pressure to the outlet valve.
- 8 **NON-RETURN VALVE:** Prevents the air pressure stored in the receiver to return back to the pump unit.
- 9 **BLEED PIPE:** When the pressure switch turns off the motor any back pressure in the delivery pipe and pump unit is exhausted down this bleed pipe.
- 10 ***DELIVERY PIPE:** Delivers the compressed air from the pump to the receiver.
- 11 **SAFETY VALVE:** In the event of excessive pressure build up this valve will release the excess pressure to the atmosphere.
- 12 **AIR INTAKE FILTER:** Filters the intake of air to protect the pump unit from damage of air born debris. On some models the filter is integral to the pumps head.
- 13 **DRAIN VALVE:** Allows the draining of moisture build up inside the air receiver. This is a manual operation and must be done daily.
- 14 ***WHEELS:** For portability.
- 15 ***RUBBER FEET:** To reduce vibration.
- 16 ***OIL DIP STICK:** To measure oil level also fill port for oil. Not on oil free models

* Items marked with asterisks indicate that some compressors may not have this component fitted

