



Filter/Regulator/Oiler
Model : CMF2 & CMF3
Part No : 3090200 & 3090205

OPERATING & MAINTENANCE INSTRUCTIONS

0103



Please read these instructions carefully before operating the tool

Thank you for purchasing this CLARKE Filter/Regulator/Oiler
Before using the device, please read this leaflet thoroughly and carefully follow all instructions given. This is for your own safety and that of others around you, and is also to help you achieve long and trouble free service from your new filter.

⚠ WARNING ⚠
Compressed air can be dangerous. Ensure that you are thoroughly familiar with all precautions relating to the use of compressors and compressed air supply.



CLARKE GUARANTEE
This CLARKE product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt as proof of purchase.
This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.
Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.
This guarantee does not affect your statutory rights.

Specifications

Model	CMF2	CMF3
Port Size	¼" BSP	½" BSP
Filter Element	-----40m-----	
Outlet Pressure	0.5bar to 8.5Bar	
Max Supply Pressure	-----10Bar-----	
Max flow Rate @ 6.2Bar	35cfm	75cfm
Max Temp	-----50°C-----	
Water Bowl Volume	-----60CC-----	
Oil Bowl Volume	-----90CC-----	
This Product conforms to:	ISO 2944:1974	ISO 5598:1985
		ISO 5782-2:1997

SAFETY PRECAUTIONS
For your personal safety and that of others around you. Follow these safety instructions carefully.

- **ALWAYS** wear approved impact resistant safety goggles when using air tools etc. Eye glasses are NOT safety glasses.
- **ALWAYS** disconnect from the air supply before any disassembly or maintenance activity.
- **NEVER** aim compressed air towards people or animals. In the case of injury, seek expert medical advice immediately.
- **NEVER** allow children to use or play with compressed air appliances.

PARTS & SERVICE TEL: 020 8988 7400
or e-mail as follows:
PARTS: Parts@clarkeinternational.com
SERVICE: Service@clarkeinternational.com

Please note that the details and specifications contained herein are correct at the time of going to print. However CLARKE International reserve the right to change specifications at any time without prior notice. Always consult the machines data plate

A SELECTION FROM THE VAST RANGE OF
Clarke
QUALITY PRODUCTS

AIR COMPRESSORS
From DIY to industrial. Plus air tools, spray guns and accessories.

GENERATORS
Prime duty or emergency standby for business, home and leisure.

POWER WASHERS
Hot and cold, electric and engine driven - we have what you need.

WELDERS
Mig, Arc, Tig and Spot. From DIY to industrial.

METALWORKING
Drills, grinders and saws for DIY and professional use.

WOODWORKING
Saws, sanders, lathes, mortisers and dust extraction.

HYDRAULICS
Clamps, body repair kits, transmission packs for all types of workshop use.

WATER PUMPS
Submersible, electric and engine driven for DIY, agriculture and industry.

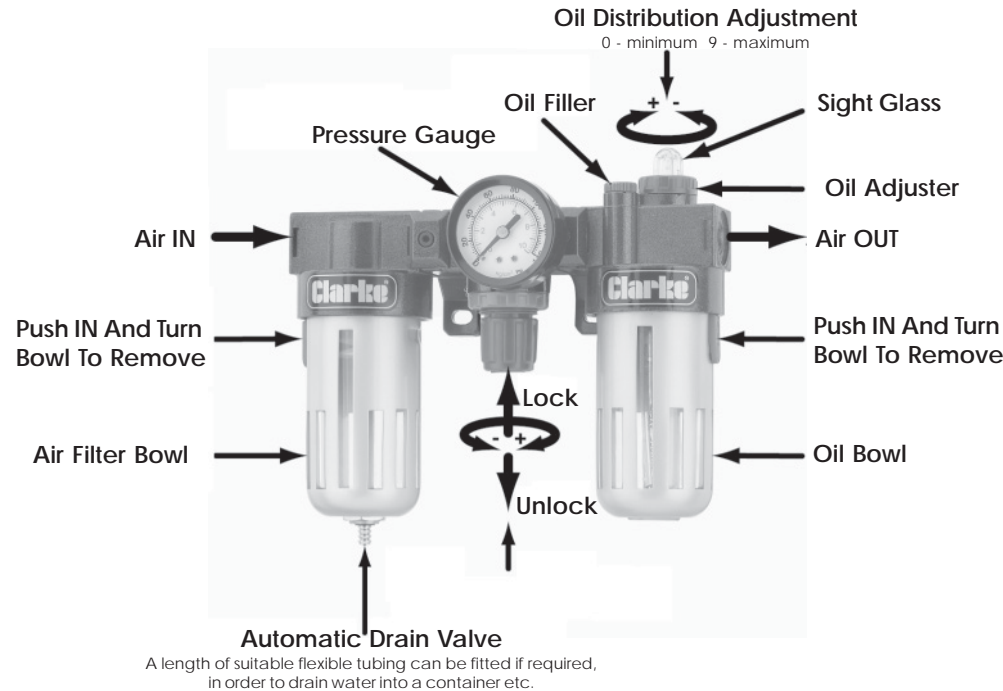
POWER TOOLS
Angle grinders, cordless drill sets, sanders and sanders.

STARTER/CHARGERS
All sizes for car & commercial use.

Clarke INTERNATIONAL
For spare parts and servicing, please contact your nearest dealer, or Clarke International on
020 - 8988 - 7400
e-mail: Parts@clarkeinternational.com e-mail: Service@clarkeinternational.com



Description	Part No
1 Air Filter.	NSCMF201
2 Water Bowl.	NSCMF202
3 Drain Valve.	NSCMF203
4 Oil Bowl.	NSCMF204
5 Bowl Cover.	NSCMF205
6 Pressure Gauge.	NSCMF206
7 Clarke Airline Oil (1Litre).	3050825



Installation

1. Select location where filter/regulator is to be fitted. care must be taken to avoid exposure to frost/High temperatures etc, ensure unit is not exposed to harmful chemicals or fumes.
2. Mount unit firmly onto wall, using appropriate fixings, (not supplied).
3. Connect air supply from compressor, to (Air-IN) ensure pressure does not exceed 10bar, CMF2 ¼" BSP and CMF3 ½" BSP.
4. Connect air out to appropriate point and terminate with automatic connector or similar.
5. Fit air pressure gauge, use plumbers tape to ensure airtight seal with gauge in vertical position, (**Do Not overtighten**).
6. Switch compressor ON and check for leaks, any leaks must be rectified before continuing.

NOTE: for maintenance purposes a suitable shut off valve should be fitted between the compressor and the unit.

Operation

1. Switch compressor ON.
2. Pull air pressure adjustment knob down, slowly turn to adjust air pressure to suit tool being used, (see tool manufacturers specifications). Once desired pressure is reached, push knob back up into lock position.
3. Adjust oil distribution to suit tool being used, (see tool manufacturers specifications).
4. For the automatic drain valve to operate, the air supply to the unit must be shut off, by either switching the compressor off or closing the shut off valve.

NOTE :

DO NOT USE FILTER/REGULATOR/OILER WITH SPRAY OR BLOW GUNS.

If you have any problems, please contact your nearest Clarke dealer or telephone Clarke Service on 020 8988 7400

IMPORTANT:

The use of parts other than CLARKE replacement parts may result in safety hazards, decreased tool performance and may invalidate your warranty.

Warning!
Disconnect from the air supply, and relieve any pressure in the tool and hose, before any disassembly.

Ensure the air is shut off before commencing any maintenance activities to the unit. Remove and clean air filter bowl regularly, DO NOT use abrasive or chemical cleaners, bowl can be washed in warm water with a mild detergent, ensure the bowl is rinsed and dried thoroughly before reassembling, to carry out this procedure, push in red button turn bowl in either direction and remove, bowl can be withdrawn from outer case by carefully pushing from the bottom, taking care not to drop it. When reassembling, ensure the lugs on top of outer case line up with lugs on top of bowl.

Unscrew air filter by hand, (**Do Not Use Tools**) turning anticlockwise, take care not to crush etc, note orientation of filter components, (three pieces), clean and inspect for damage etc. replace if necessary. Filter assembly can be washed in warm water soapy water as above, again ensure parts are rinsed and dried thoroughly. Reassemble unit noting correct orientation of parts, (**Do Not Overtighten**).

Check oil level in oil bowl and top up if necessary to 80% of bowl maximum, Clarke airline oil. Bowl can be removed and cleaned as filter bowl above.

Inspect the unit and air hoses for wear or damage periodically, and replace if necessary.

External unit can be wiped clean using a soft damp cloth

DO NOT use damaged or leaking hoses.



Accessories

A wide range of airline accessories is available from your nearest CLARKE dealer, for further information, contact your nearest dealer, or telephone CLARKE International Sales department on 01992 565300.