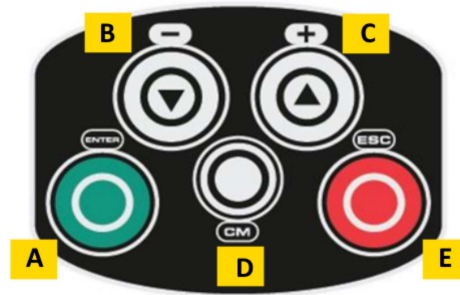


QUICK GUIDE – ZMC-EVO R134A & R1234YF A/C STATION

SERVICE & SUPPORT- 01952 457 207 WWW.ZMCOOLING.CO.UK



Please note: to operate correctly the ZMC-Evo must have a minimum refrigerant quantity of 2000g inside internal tank. The ZMC-Evo will display quantity when switched on. Max fill weight 8kg.



MANUAL OPERATIONS

(For hybrid vehicles, see HYBRIDS section overleaf prior to use)

RECOVERY- Connect both **HP** & **LP** connectors to vehicle & open both **LP** & **HP** taps on front of unit. Using Keypad Scroll **UP** (C) to **MANUAL AUTO** and Press **ENTER** (A)

Scroll to **GAS RECOVERY**. Press **ENTER** (A)
Machine will now recover refrigerant from the vehicle.

Press **ESC** (E) at any time to stop the process.

VACUUM- Connect both **HP** & **LP** connectors to vehicle & open both **LP** & **HP** taps on front of unit. Using Keypad Scroll **UP** (C) to **MANUAL AUTO** and Press **ENTER** (A)

Scroll to **VACUUM**
Display will show Vacuum Time in mins. *(A minimum of 20 mins are recommended.)*
To change the vacuum time, press **CM** (D), scroll **DOWN** (B) or **UP** (C) to set time.
Confirm by **CM** (D).
Press **ENTER** (A)

Press **ESC** (E) at any time to stop the process.

OIL INJECT- Connect both **HP** & **LP** connectors to vehicle & open both **LP** & **HP** taps on front of unit. Using keypad scroll **DOWN** (B) to **MANUAL AUTO** and Press **ENTER** (A)

Scroll to **NEW OIL**
Display will show the amount of oil to inject in grams.

To change the amount of oil to inject, press **CM** (D), scroll **DOWN** (B) or **UP** (C) to set amount.
Confirm by **CM** (D).
Press **ENTER** (A)

Press **ESC** (E) at any time to stop the process.

GAS CHARGE- Connect both **HP** & **LP** connectors to vehicle & open both **LP** & **HP** taps on front of unit. Using keypad scroll **DOWN** (B) to **MANUAL AUTO** and Press **ENTER** (A)

Scroll to **GAS CHARGE**
Display will show the amount of refrigerant to charge in grams.

To change the amount to charge, press **CM** (D), scroll **DOWN** (B) or **UP** (C) to set amount.
Confirm by **CM** (D)
Press **ENTER** (A)

AUTOMATIC OPERATIONS

(For hybrid vehicles, see HYBRIDS section below prior to use)

Automatic operations are achieved by selecting each function and pre-setting the required values.

SET VACUUM TIME- Connect both **HP** & **LP** connectors to vehicle & open both **LP** & **HP** taps on front of unit.
Using Keypad Scroll **UP** (C) to **MANUAL AUTO** and Press **ENTER** (A)

Scroll to **VACUUM** and Press **CM** (D)

Display will show Vacuum Time in mins. *(A minimum of 20 mins are recommended.)*

To change the vacuum time, scroll **DOWN** (B) or **UP** (C) to set time. Press **CM** (D) to confirm.

SET OIL AMOUNT-

Scroll to **NEW OIL** and Press **CM** (D)

Display will show the amount of oil to inject in grams.

To change the amount of oil to inject, scroll **DOWN** (B) or **UP** (C) to set amount. Press **CM** (D) to confirm.

SET GAS CHARGE-

Scroll to **GAS CHARGE** and Press **CM** (D)

Display will show the amount of refrigerant to charge in grams.

To change the amount to charge, scroll **DOWN** (B) or **UP** (C) to set amount. Press **CM** (D) to confirm.

Scroll to **START** and Press **ENTER** (A) to start the Auto process.

HYBRIDS-

The ZMC-EVO unit provides the facility to work with hybrid vehicles. Two oil bottles are provided.
Oil 1- for standard vehicles. **Oil 2-** for hybrid/electric vehicles.
Prior to use and connecting to a vehicle the oil injection system must be flushed.

Using keypad scroll **DOWN** (B) to **UTILITIES** and Press **ENTER** (A)

Scroll **DOWN** (B) to **MULTI OIL SYSTEM** and Press **ENTER** (A)
Disconnect Oil 1 bottle in use and connect Oil 2 bottle required.

Open both **LP** & **HP** valves on front of unit. Press **ENTER** (A) to confirm.
Once process completed, the unit is ready to use.

Remember to repeat MULTI OIL SYSTEM process once vehicle service has been completed to avoid cross contamination.

BOTTLE FILLING-

(Note: MAX fill weight 8kg)

Connect **HP** coupler to bottle, open tap on bottle and invert bottle. Open **HP** tap on front of unit.
Using keypad scroll **DOWN** (B) to **BOTTLE REFILL** and Press **ENTER** (A)

Display will show the amount of refrigerant to refill in grams.
Scroll **DOWN** (B) or **UP** (C) to select amount to refill and Press **ENTER** (A)

Refill will pause once the amount has been transferred. Close tap on bottle and Press **ENTER** (A)