

# A/C Station Mastercool Commander

## Automotive Air Conditioning Solutions



# The Mastercool Commander Range

Autocooling Ltd are the U.K's leading independent automotive air conditioning company and can provide a complete 360 degree solution for all your equipment needs.

Our range of A/C stations can cover all key areas within your business-

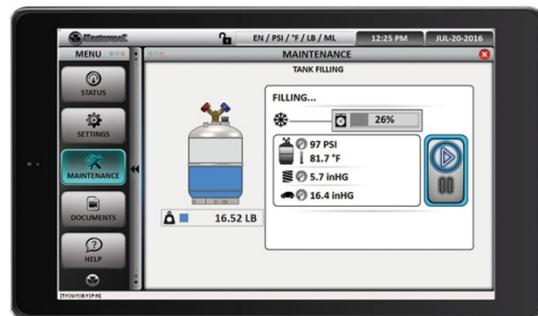
**Cost Quality Reliability Efficiency Versatility**

**It's about time somebody introduced an A/C Station for the 21<sup>st</sup> Century!**

Autocooling introduces the new ARCTIC COMMANDER from Mastercool. Mastercool are renowned for "World class Quality" The Commander range are equipped with the latest technology, all models come standard with an 8" command centre. The graphic user interface (GUI) will enable navigation through all functions and features with the greatest of ease. There is no longer a need to read any external instructions or paper manuals, simply sit back, watch and learn how to use your machine. All machines are also equipped with Wi-Fi capabilities; allowing for real time, interactive communication and troubleshooting.



**Home Screen**  
allows for quick touch selection of options



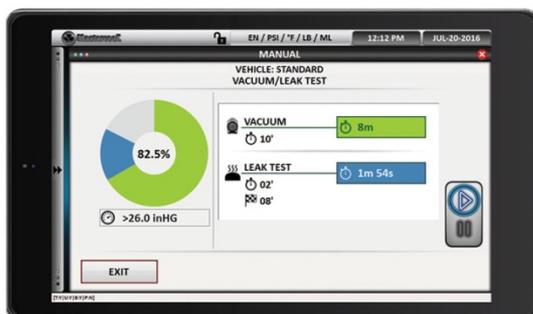
**Tank Fill Screen**  
allows for visual, real time progress of tank filling process



**Status Screen**  
for quick reference of resources



**Settings Screen**  
allows the user to select a default language, units, temperature, volume and weight measurement

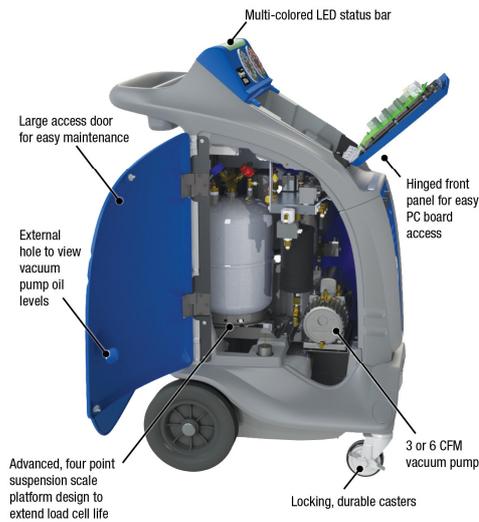


**Vacuum/Leak Test Screen**  
fully customizable options allows the user to personalize the times of vacuum and leak testing



**Maintenance Screen**  
offered only to authorized service technicians allowing for quick and easy diagnosis

## Take a look under the bonnet?



### Wi-Fi Connectivity

Wi-Fi capability allows for real time, interactive communication.

**We can support your machine remotely!**

### Compact Design

The machine's compact design makes it easy to maneuver.

**Saves precious space in your workshop!**

### Self-Diagnostic Check

With the touch of a button, check all the integral functions of the machine.

**Fault diagnosis made easy!**

### Alarms

Warns when the filter needs changing. If tank is low or full.

**Preventative maintenance!**

### On-Board Manual

Watch & learn how to use the machine.

**No more trying to find the user manual in 30 languages!**

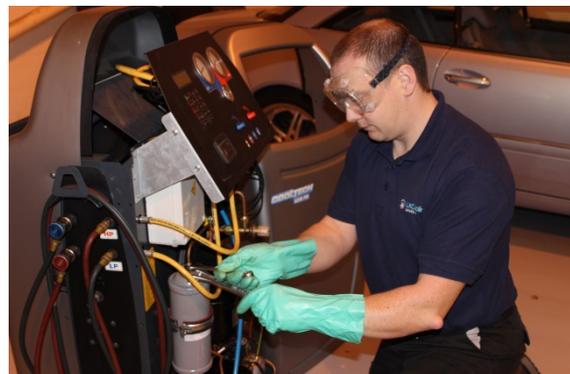
### Hybrid/Electric Ready

When Autocooling Uni-Oil & Dye<sup>®</sup> is used.

**No additional kit!  
No fuss!**

## Why buy the Commander Range?

- Full manufacturer backed warranty
- Easy to use
- All models HYBRID ready
- Fully CE & SAE approved
- Fully Automatic
- Quality design & manufacture
- Full lifetime aftersales support
- Supported by a nationwide engineer network



# The Commander 2000-EP

Specification	2000-EP R134a
Power Supply	220 – 240v AC, 50-60Hz
Refrigerant	R134a
Weight	65 kg
Conformity	Fully CE & SAE J2788 Approved
Cabinet	Rear Wheels, Front Castors
Capacities	
Refrigerant Tank	12.5 kg
Oil	3x 250ml
High Performance Filter Drier	1x for acid, moisture & debris
Hermetic Compressor	12cc
Service Hoses	2.5m <i>longer hoses are available</i>
Vacuum Pump Oil Life	Up to 1000 hrs.
Performance	
Working Temperature	5 – 50 °C
Condenser High Performance Fan Cooled	Recovery rate approx. 125g pm
Max Working Pressure	20 bar
Refrigerant Scale Accuracy	+/- 5g
Vacuum Pump	170 l/m 6 cfm
Operation	
Modes	Manual & Automatic
Printer	Yes
Display	8" GUI Touch Screen
Operator Prompts	Step-by-Step Visual / Audio
Multi Lingual Display	Yes
System Gauges	80mm Class 1
Internal Tank Gauge	Electronic
Report Management	Yes (via optional software)
Vehicle Database	Yes update via USB
Processes	
Refrigerant Recycling	Automatic
Vacuum Leak Test	Automatic
Oil Drain & Injection	Automatic
UV Dye Injection	Automatic
HYBRID Vehicle Mode	Yes with Autocooling UniOil/Dye
Recovery Restart	Yes Automatic
Vehicle A/C Performance Test	Prompted
Flush Facility	Yes
Maintenance Indicator	LCD Display Prompted
Services	
Warranty	1 years (can be Extended)
Technical Support	Free for Lifetime



## Oil Bottles

Sealed Bellows for Oil & Dye to help reduce moisture.

## Features

- Refrigerant R134a
- 12cc Compressor
- 12.5kg Internal Tank
- 2.5m Service Hoses (*standard*)
- Printer
- Auto & Manual Operation
- HYBRID Vehicle Ready
- High Performance Vacuum Pump
- Wi-Fi Ready
- Full updatable database
- Remote Technical Support

## Status Bar

Multi-coloured LED status bar offers visual confirmation of machine progress



# The Commander 4000-EX

Specification	4000-EX
Power Supply	220 – 240v AC, 50-60Hz
Refrigerant	R1234yf
Weight	65 kg
Conformity	Fully CE & SAE J2843 Approved
Cabinet	Rear Wheels, Front Castors
Capacities	
Refrigerant Tank	12.5 kg
Oil	3x 250ml
High Performance Filter Drier	1x for acid, moisture & debris
Hermetic Compressor	12cc
Service Hoses	2.5m <i>longer hoses are available</i>
Vacuum Pump Oil Life	Up to 1000 hrs.
Performance	
Working Temperature	5 – 50 °C
Condenser High Performance Fan Cooled	Recovery rate approx. 125g pm
Max Working Pressure	20 bar
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Operator Prompts	Step-by-Step Visual / Audio
Multi Lingual Display	Yes
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Internal Tank Gauge	Electronic
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