

## A/C service unit COOLIUS C40

Order no. W050 140 030

**REFRIGERANT  
CO<sub>2</sub> (R744)**



**Fully automatic system for simple & reliable maintenance of large-volume CO<sub>2</sub> air conditioning systems.**

### COOLIUS C40 air conditioning service unit consisting of

- COOLIUS C40 air conditioning service unit
- Service hoses with safety quick couplings (length 5 m)
- Connection adapter for R744 refrigerant bottle
- Operating instructions
- Device instruction (optional)

### Highlights

#### For large-volume thermal management systems with the refrigerant R744

For the maintenance of thermal management systems in combustion, electric and hybrid vehicles. The COOLIUS C40 is therefore ideally suited for air conditioning service on vehicles with large-volume R744 thermal management systems, such as those installed in buses, commercial vehicles and rail vehicles.

#### Clever design

- 5 m service hoses
- Use of CO<sub>2</sub> bottles up to 50 liters possible
- Simple and quick replacement of the CO<sub>2</sub> bottle
- Two software-controlled heating tapes

#### Service-friendly components

Use of highquality and specially matched components for a long service life. Automatic maintenance notice.

#### CO<sub>2</sub> concentration does not increase

An excessively high concentration of CO<sub>2</sub> in the workshop is prevented. The refrigerant can easily be discharged outside or via the exhaust extraction system via the 15 m drain hose.

#### High accuracy

The three independent scales with a resolution of 1 g allow the safe and reliable handling of fresh oil, used oil and, if necessary, UV additive.

#### Data input via touchscreen

Overlaid safety instructions ensure simple and safe operation for the user.

#### Service makes the difference

We offer practical (service) solutions and are on hand to answer your questions by phone - online or in person. From individual advice, country-specific services and maintenance to the expert hotline - you get everything from a single source.

## Technical data

Dimensions	920 x 590 x 1 190 mm
Weight	85 kg
Casing	Metal with robust plastic cover
Operating Power Supply	230 V / 50 Hz
Operating temperature range	0 / + 40°C
Refrigerant	R744
CO <sub>2</sub> -cylinder compatibility	Up to 50 l
Refrigerant scale	200 kg loadable
Max. operating pressure	200 bar
Nitrogen / forming gas test	Automatic (Accessories required)
Old oil discharge	Automatic
Old oil bottle capacity - sealed	500 ml
Oil / UV accuracy	± 1 g
Refrigerant charge accuracy	± 15 g
Vacuum pump capacity	230 l/min
Final pressure (McLeod abs)	0,05 mb
Extraction power	300 g/min
Drain hose	15 m
Electronic pressure sensors	Included
PAG / POE oil charge	Automatic
PAG / POE oil bottle capacity	500 ml
UV additive bottle capacity standard	500 ml
Refrigerant charge	Automatic
Convenient display	7" touch graphic screen
Acoustic signal	For errors and hints
Update of the vehicle data base	Via USB port
Set-up of own vehicle data base	Possible
Integrated printer	With multiple printout
High pressure and low pressure valves	Electronically controlled
Pressure gauge	Digital
Pressure gauge for refrigerant bottle pressure	Digital
Quick couplers	High and low pressure
Service hoses	5 m
Service hoses compensation	Automatic
Certifications	CE-certification