



WOW! AIR CONDITIONING SERVICE

**CONVINCE THROUGH PERFORMANCE
WITH THE COOLIUS A/C SERVICE UNITS**

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COOLIUS AIR CONDITIONING SERVICE SYSTEMS DEVELOPED FOR YOU AND WITH YOU

5 good reasons for COOLIUS A/C service units from WOW!

- **COOLIUS - Everything from a single source**

For your work on thermal management systems, you get everything from a single source: From our own development, to manufacturing in Italy, to initial instruction in the workshop.

- **The profitable concept for your workshop**

Due to the constantly growing market requirements, we continue to develop our COOLIUS air conditioning service systems in cooperation with you.

- **Your comprehensive and competent service***

No matter how and where, in all areas you get the support from us, that is a matter of course for us.

- **Invest future-proof for today and tomorrow**

The right tool for every requirement. Especially the growing demands in terms of e-mobility require flexible tools. With COOLIUS, you rely on the right devices.

- **Economically and ecologically a win for you**

A fully automatic, time-saving system for all vehicle types is good for the workshop budget and protects the environment thanks to the COOLIUS „low-emission“ concept.



Selected highlights of the COOLIUS series

- **Ready for hybrid and electric vehicles**
- **Unique mobility thanks to compact dimensions and toolless scale locking system****
- **Resource-saving thanks to refrigerant recovery of almost 100 %**
- **Use of high-quality components for long service life**
- **Optional maintenance agreement ensures long-term functionality**



You can find more information at
www.wow-portal.com/en/coolius

* Refers to Germany, the scope of services differs per country.

** Does not apply to COOLIUS A30.

WITH THE CAREFREE PACKAGE FROM WOW! YOU DO EVERYTHING RIGHT



A reliable
partnership
in all areas.



WOW! HOW = More know-how on all sides

We share our accumulated expertise with you and let your feedback flow into the development and our service.



WOW! Service makes the difference*

Whether it's our expert hotline, accessories, consumables and spare parts supply, service technicians in the field or our own training team. We offer practical (service) solutions and are on hand to answer your questions, by phone, online or in person.



Understanding vehicles even better together

Individual training sessions with our qualified trainers and product specialists keep you up to date.

* Not available in all countries.

THE COOLIUS 10 SERIES

The user-friendly and mobile companion in your workshop



The COOLIUS 10 series is suitable for

Examples:

- Cars
- Vans
- Commercial vehicles
- Construction vehicles
- Agricultural vehicles

The COOLIUS 10 series is characterised by

- Mobile use
- Compact design
- Ready for hybrid and electric vehicles
- Internal / external flushing function
- Tool-less cart locking system

Ideal for mobile use

- Innovative scale fuse
- Operation possible with voltage converter

No unauthorised access

Personalised access possible. Personal 4-digit password ensures access by authorised persons only.

The right device for every application

COOLIUS A10

for refrigerant R134a



COOLIUS Y10

for refrigerant R1234yf



THE COOLIUS A30

The user-friendly and efficient device for larger plants



The COOLIUS A30 is suitable for

Medium to large size plants, for example:

- Buses
- Rail vehicles
- Agricultural vehicles
- Construction vehicles
- Commercial vehicles
- Transporters
- Cars

The COOLIUS A30 is characterised by

- For large-volume air conditioners
- Ready for hybrid and electric vehicles
- High filling and extraction capacity
- Internal / external flushing function

Service-friendly components

Use of high-quality and specially matched components for long service lives and service intervals.

Smart documentation

Data are read out and exported via a USB interface (Excel) to document individual services and evaluate the overall refrigerant consumption.

COOLIUS A30

for refrigerant R134a



Data input with CooliusSelect

Intuitive menu navigation and operation with the navigation dial. Easy to operate even with gloves.

Clean thing

Automated cleaning of the A/C service unit cycle. Unit is immediately ready for the next A/C service.

THE COOLIUS 50 SERIES

Everything as standard, no hidden costs



Low-emission concept for the environment

Innovative old oil discharge procedure for smallest possible refrigerant loss. This saves money, ensures safety and protects the environment.

Legally compliant testing

Nitrogen / forming gas check integrated in the device software. Saves time and ensures binding documentation for the end customer.

Smart documentation

Data are read out and exported via a USB interface (Excel) to document individual services and evaluate the overall refrigerant consumption.

Clean thing

Automated cleaning of the A/C service unit cycle. Unit is immediately ready for the next A/C service.

Service-friendly components

Use of high-quality and specially matched components for long service lives and service intervals.

No unauthorised access

Personalised access possible. Personal 4-digit password ensures access by authorised persons only.

Under optimum control

Analog instruments for pressure control.

Data input with CooliusSelect

Intuitive menu navigation and operation with the navigation dial. Easy to operate even with gloves.



The right device for every application

COOLIOUS A50

for refrigerant R134a



COOLIOUS Y50

for refrigerant R1234yf



May it be a little more for you?

COOLIOUS Y50A

for refrigerant R1234yf



The COOLIOUS 50 series is suitable for

Small to medium size plants,
Examples:

- Cars
- Transporters
- Commercial vehicles
- Construction vehicles
- Agricultural vehicles
- Forestry vehicles
- Rail vehicles

The COOLIOUS 50 series is characterised by

- Larger, internal tank capacity for many services
- Nitrogen and forming gas testing
- Ready for hybrid and electric vehicles
- High filling and extraction capacity
- Internal / external flushing function
- Internal analysis (Y50A)
- External refrigerant identifier optional (A50, Y50)

COOLIOUS Y50A

The highlight of our 50 series

Detailed analysis by specifying 5 ingredients is (already) fully integrated in the air conditioning service process.

You can find more information at
www.wow-portal.com/en/coolius

THE RIGHT ACCESSORIES

Disposal kit

For the disposal of contaminated refrigerant with hand pump, 2 hoses and bottle.

Art. no. W067 200 026



Flushing kit

Allows flushing the vehicle air conditioning system with refrigerant R134a and R1234yf.

Art. no. W067 100 010

Art. no. W067 100 135
Holder for flushing kit
COOLIUS series



Adapter sets for flushing kit

Enables bridging of compressor connections and makes purging even easier.

The sets are optionally available and are not included in the purchase of a flushing kit. All adapter sets can be found in the detailed overview lists.



To the overview



Cover

Protects your A/C service unit in the workshop from dirt and dust.

Art. no. W067 100 003
for 30 and 50 series units

Art. no. W067 100 002
for 10 series units



External analysers

Enables easy identification of the refrigerant in the vehicle air conditioning system.

Art. no. W067 000 100
for refrigerant R1234yf

Art. no. W067 000 101
for refrigerant R134a



Inspector cylinder

For checking the oil quality in the air conditioning system and protecting the A/C service unit.

Art. no. W067 200 002
for refrigerant
R1234yf and R134a



NEW: Hermetically sealed oil tanks

- For easy retrofitting of COOLIIUS A/C service units.
- Meets the requirements and recommendations of vehicle manufacturers.

Art. no. 0892 764 072

**PAG 46 Premium
Airco-Bag 150 ml**

Art. no. 0892 764 073

**PAG 100 Premium
Airco-Bag 150 ml**

Art. no. 0892 764 071

**Leak detection additive
Airco-Bag 150 ml**

Art. no. 0892 764 074

**POE 100
Airco-Bag 150 ml**

Art. no. W052 100 170

Adapter set for hermetically sealed oil tanks

With the increase in electric and hybrid vehicles, today's workshop must think about tomorrow and also upgrade in the area of **„oil management“**.

E-vehicles require a POE oil, which is non-conductive and therefore must not absorb water.

The hermetically sealed oil tanks prevent the absorption of water.



Coming soon:

Workshop-suited
CO₂ A/C service unit
COOLIIUS C20

Holder for nitrogen / forming gas cylinder

For easy attachment of the cylinder to the A/C service unit (incl. holder, screws, connecting hose and retaining strap).

Art. no. W067 100 000

Extension kit service hoses 3 m

Art. no. W067 100 001
for refrigerant R1234yf

Art. no. W067 200 030
for refrigerant R134a



COMPARISON COOLIUS A/C SERVICE UNITS

	A10 	A30 	A50 
Refrigerant	R134a		
Dimensions	572 x 545 x 1045 mm	680 x 667 x 1175 mm	680 x 667 x 1175 mm
Weight	65 kg	120 kg	90 kg
Casing	Metal with robust plastic cover	Metal with robust plastic cover	Metal with robust plastic cover
Operating Power Supply	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Operating temperature range	+10 / +49°C	+10 / +49°C	+10 / +49°C
Refrigerant tank	11 kg	35 kg	20 kg
Refrigerant scale	60 kg loadable	100 kg loadable	60 kg loadable
Kältemittelanalysegerät	-	-	-
Max. operating pressure	20 bar	20 bar	20 bar
Compressor	1/3 HP	5/8 HP	3/8 HP
Recovery rate (liquid)	300 g/min	980 g/min	500 g/min
Nitrogen / forming gas test	-	-	Automatic (accessories required)
Non condensable gas discharge	Automatic	Automatic	Automatic
Main filter dryer (1 piece)	Type 660 Coaxial	Type 660 Coaxial	Type 660 Coaxial
Large ventilator for safe operation	D 172 mm	D 172 mm	D 172 mm
High recovery speed by cooling the compressor with a fan	D 172 mm	D 172 mm	D 172 mm
Pressure rise monitoring	Automatic	Automatic	Automatic
Old oil discharge	Automatic	Automatic	Automatic
Old oil bottle capacity - sealed	250 ml	1000 ml	250 ml
Oil / UV accuracy	± 2 g	± 2 g	± 2 g
Refrigerant suction and charging accuracy	± 15 g	± 50 g	± 15 g
Vacuum pump capacity	100 l/min	170 l/min	128 l/min
Final pressure (McLeod abs)	0,05 mb	0,05 mb	0,05 mb
Electronic pressure sensor	Integrated	Integrated	Integrated
PAG / POE oil charge	Automatic	Automatic	Automatic
PAG / POE oil bottle capacity	250 ml	500 ml	250 ml
UV additive bottle capacity	100 ml	250 ml	100 ml
Refrigerant charge	Automatic	Automatic	Automatic
Flushing program	Included	Included	Integrated
Refrigerant management system	Included	Included	Integrated
Convenient display	4 x 20 characters	4 x 20 characters	4 x 20 characters
Acoustic signal	For errors and hints	For errors and hints	For errors and hints
Update of the vehicle data base	Via USB port	Via USB port	Via USB port
Set-up of own vehicle data base	Included	Possible	Included
Integrated printer	With multiple printing	With multiple printing	With multiple printing
High pressure and low pressure valves	Electronically controlled	Electronically controlled	Electronically controlled
Pressure gauges (pulse free) LP + HP	CL 1.0 / D 80 mm	CL 1.0 / D 80 mm	CL 1.0 / D 80 mm
Pressure gauge for internal refrigerant bottle	-	CL 2.5 / D 40 mm	CL 2.5 / D 40 mm
Parker quick couplers	SAE J639	SAE J639	SAE J639
Service hoses 3.0 m	SAE J2197	SAE J2197	SAE J2197
Extension kit service hoses	Optional	Optional	Optional
Service hoses compensation	Automatic	Automatic	Automatic
Certifications	CE-certification by TÜV Süd	CE-certification by TÜV Süd	CE-certification by TÜV Süd

Y10		Y50		Y50A	
R1234yf					
572 x 545 x 1045 mm		680 x 667 x 1175 mm		680 x 667 x 1175 mm	
65 kg		90 kg		90 kg	
Metal with robust plastic cover		Metal with robust plastic cover		Metal with robust plastic cover	
230 V / 50 Hz		230 V / 50 Hz		230 V / 50 Hz	
+10 / +49°C		+10 / +49°C		+10 / +49°C	
11 kg		20 kg		20 kg	
60 kg loadable		60 kg loadable		60 kg loadable	
-		-		integrated	
20 bar		20 bar		20 bar	
1/3 HP		3/8 HP		3/8 HP	
300 g/min		500 g/min		500 g/min	
-		Automatic (accessories required)		Automatic (accessories required)	
Automatic		Automatic		Automatic	
Type 660 Coaxial		Type 660 Coaxial		Type 660 Coaxial	
D 172 mm		D 172 mm		D 172 mm	
D 172 mm		D 172 mm		D 172 mm	
Automatic		Automatic		Automatic	
Automatic		Automatic		Automatic	
250 ml		250 ml		250 ml	
± 2 g		± 2 g		± 2 g	
± 15 g		± 15 g		± 15 g	
100 l/min		128 l/min		128 l/min	
0,05 mb		0,05 mb		0,05 mb	
Included		Included		Included	
Automatic		Automatic		Automatic	
250 ml		250 ml		250 ml	
100 ml		100 ml		100 ml	
Automatic		Automatic		Automatic	
Included		Included		Included	
Included		Included		Included	
4 x 20 characters		4 x 20 characters		4 x 20 characters	
For errors and hints		For errors and hints		For errors and hints	
Via USB port		Via USB port		Via USB port	
Included		Included		Included	
With multiple printing		With multiple printing		With multiple printing	
Electronically controlled		Electronically controlled		Electronically controlled	
CL 1.0 / D 80 mm		CL 1.0 / D 80 mm		CL 1.0 / D 80 mm	
-		CL 2.5 / D 40 mm		CL 2.5 / D 40 mm	
SAE J639		SAE J639		SAE J639	
SAE J2888		SAE J2888		SAE J2888	
Optional		Optional		Optional	
Automatic		Automatic		Automatic	
CE-certification by TÜV Süd		CE-certification by TÜV Süd		CE-certification by TÜV Süd	

THE CHALLENGE OF THERMAL MANAGEMENT

Ready for electric and hybrid vehicles



Think about
tomorrow today
and invest.

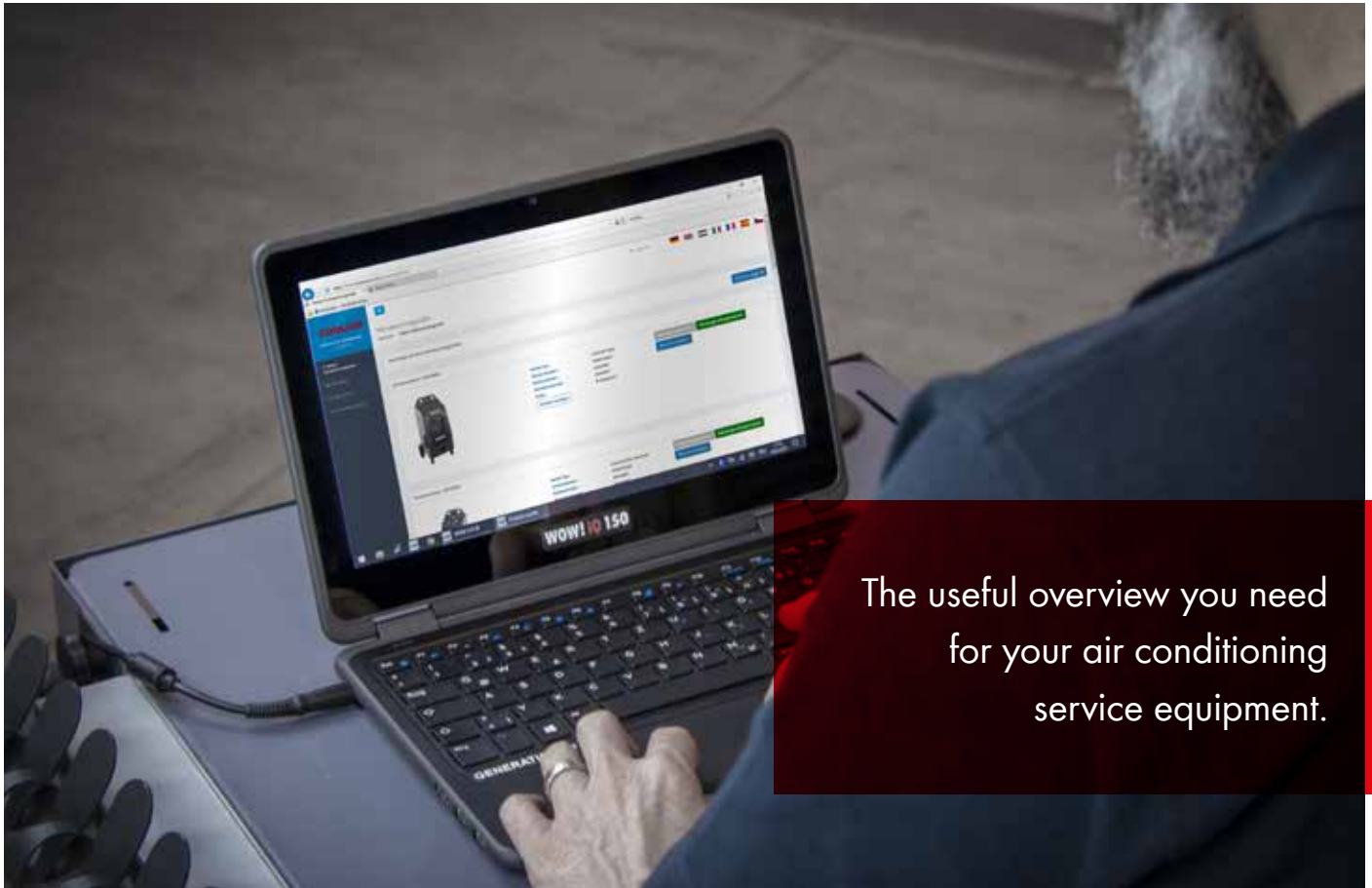


With WOW! you invest in a partnership for the future.
**With the COOLIUS series, you and your battery won't break
a sweat and you'll be ready for the future in your workshop.**

Electric and hybrid vehicles are placing ever greater demands on air conditioning service. The thermal management system not only cools the vehicle interior, the powertrain, the battery and the control units, but also acts as a heat pump and thus heats the aforementioned systems when required. Thus, under certain circumstances, a failure of the thermal management system is tantamount to the vehicle coming to a standstill.

THE COOLIUS PORTAL

Your device platform



The useful overview you need
for your air conditioning
service equipment.



With the COOLIUS portal, we offer you an overview of all A/C service units used in your workshop. The devices are registered and thus all important documents and information are stored for each A/C service device.

No matter what you want to know about your WOW! A/C service unit, you will find all useful information about your COOLIUS units in the COOLIUS portal:

operating instructions, firmware and software updates, certification documents, vehicle database, available spare parts and much more.

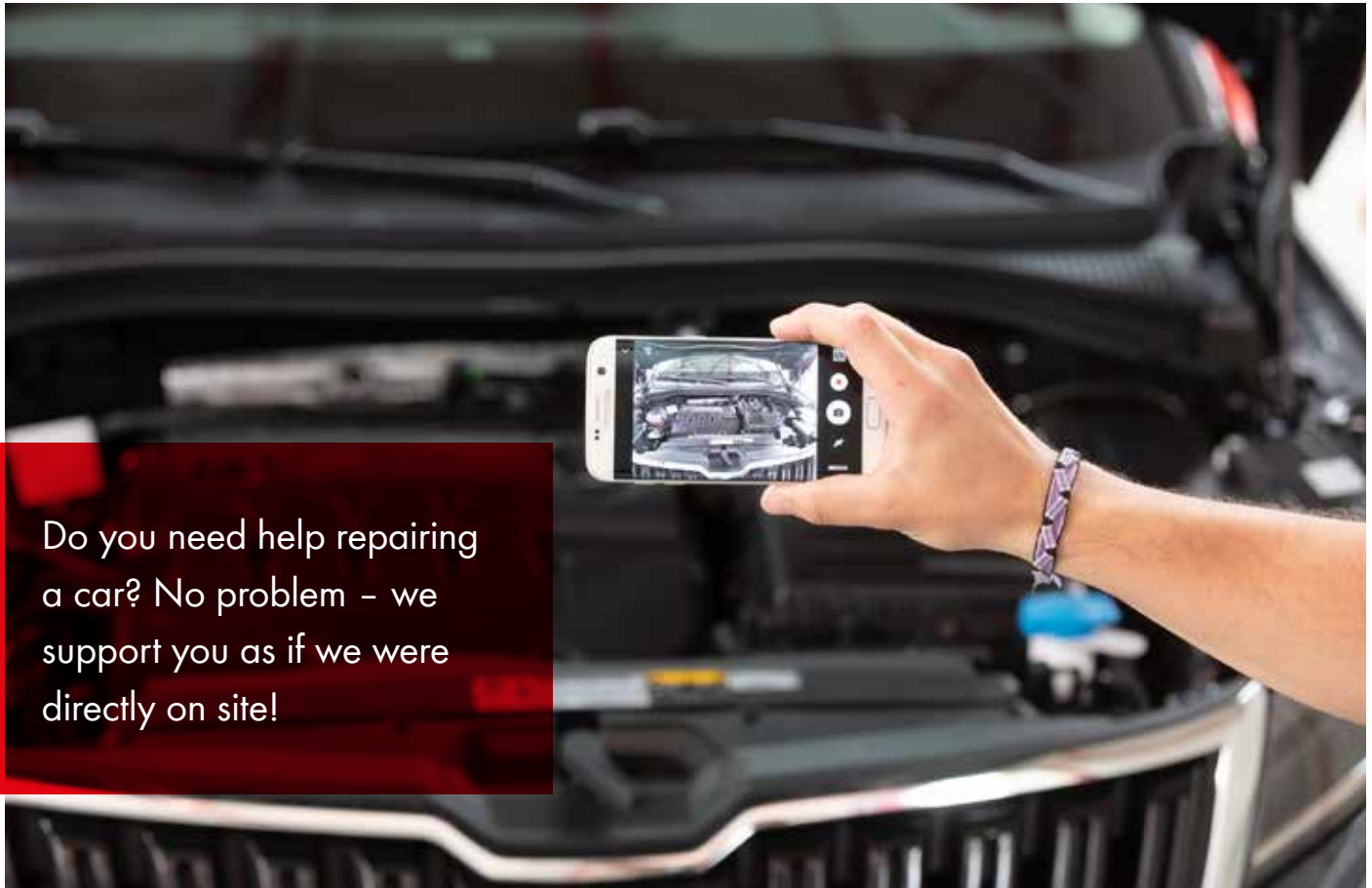
The COOLIUS portal is always up to date. You can obtain all updates, for example of the database, via the COOLIUS portal. Any news about your device will be entered into the portal for you.



You can find more information at
www.wow-portal.com/en/coolius

WOW! IN.SIGHT

The live video support solution for everyone



Do you need help repairing a car? No problem – we support you as if we were directly on site!

The video support solution WOW! In.sight offers you fast, professional and direct help in the event of problems in the workshop. The service team can see exactly what you as the user have in front of you via live image transmission and video stream. **So you can explain and show exactly where you need support through words, pictures and video.**

Live and solution-oriented

Thanks to live image transmission and video stream, you can communicate current repair cases quickly and easily with our service team experts. From there you will receive help – also live – directly on your screen.

Easy and fast

The use is independent of device and operating system, i.e. no additional installation of an app is necessary. The only requirement is a good and stable internet connection.

Direct and flexible

The video support solution is the direct and innovative way to contact your customers or external employees, whether in the field of Hotline, Sales, Aftersales, Technical Support or wherever a live connection can help quickly and easily.



You can find more information at
www.wow-portal.com/en/insight

PRACTICAL AND FUTURE-ORIENTED TRAININGS

Understanding vehicles better and repairing them faster together



What happens when you, our WOW! trainers and product specialists share their know-how?

Exactly: WOW! HOW

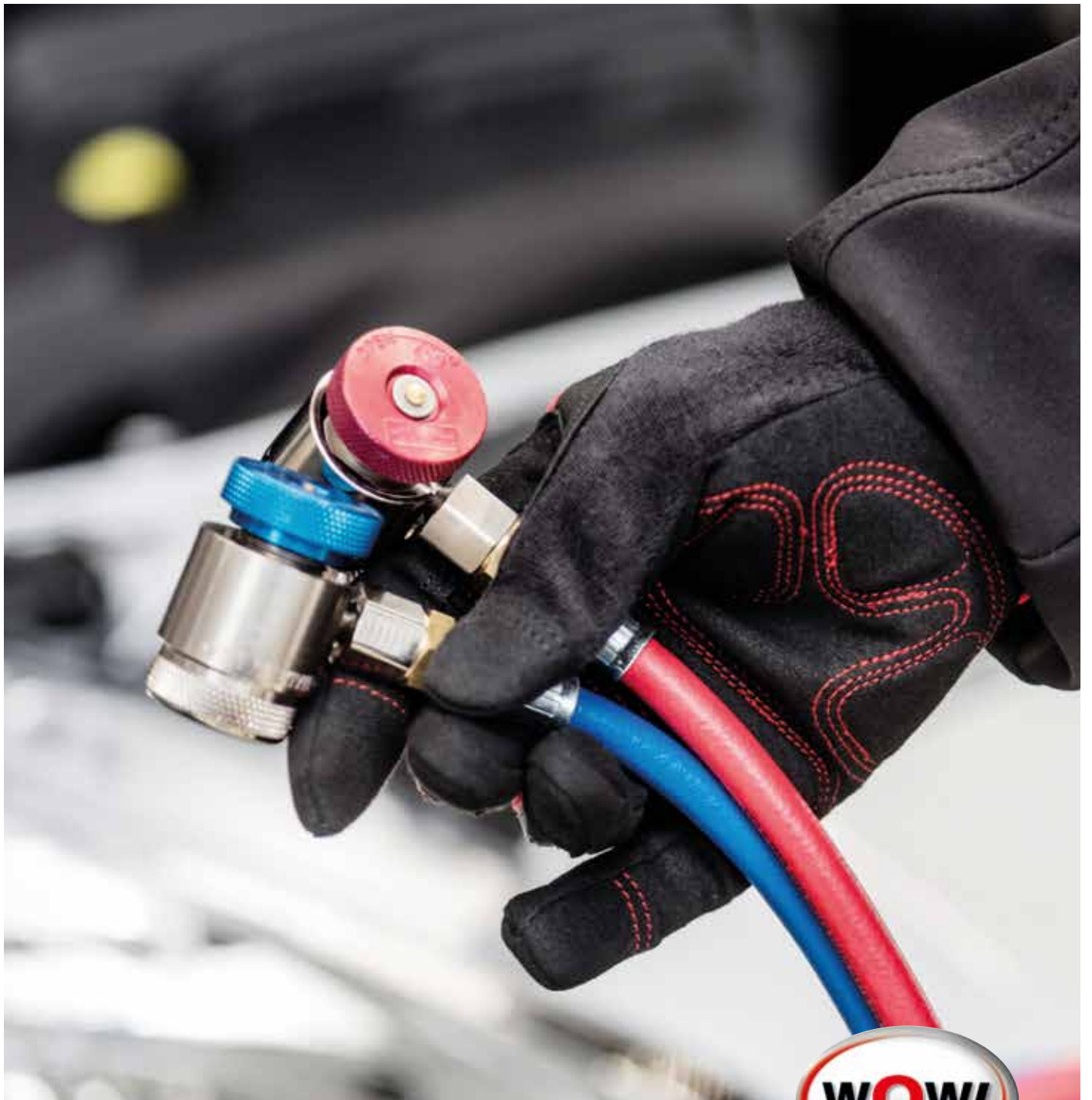
And at our trainings and webinars you can find out what this looks like for practical application in your workshop. Our goal is to help you to understand vehicles and the WOW! products even better and thus achieve repair success more quickly.

Are you interested in online training tailored to you and your workshop?

Send us an e-mail to: **training@wow-portal.com**



Get to know the WOW! COOLIUS air conditioning service system and watch WOW! HOW live demonstrations and trainings on YouTube: **[wow-how.expert/youtube](https://www.youtube.com/channel/UCwv-how-expert)**



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