



# HEAT PUMP & AIR CONDITIONING TOOLS

2026

*Acknowledged globally*

# BRAND STORY

*Recognized globally - Trusted  
by professionals worldwide*



*REFCO production site in Hitzkirch, Switzerland.*

**Swiss precision with a global reach –  
REFCO's history since 1972**

For over 50 years, REFCO has stood for high-quality tools and components that support professional refrigeration and air conditioning technicians around the world. Based in Hitzkirch, Switzerland, we serve customers in more than 120 countries.

**Part of the WIKA Group – and growing globally**

In 1996, REFCO became part of the renowned WIKA Group, the global leader in pressure and temperature measurement technology. In 2001, we established a subsidiary in Springfield, Massachusetts, to serve the North American market directly and deliver solutions that meet the highest Swiss standards.

**Quality that convinces**

From our very first analogue manifolds to a portfolio of over 1,800 products, REFCO offers a comprehensive range of precision-engineered tools. With the VAMP series, we're setting new benchmarks in condensate pump technology. Whisper-quiet operation, quick and tool-free installation, and a smart, minimalistic design make them the perfect choice for professionals. Our modern high-bay warehouse with more than 4,500 pallet spaces ensures constant component availability and enables the production of custom-made products at our Swiss production site.



REFCO at the CHILLVENTA 2024 in Nuremberg.

**Built to last**

Every REFCO product is engineered for long-lasting performance. Spare parts are readily available and often easy to replace. We also offer repair, calibration and retrofit services to maintain the reliability and extend the life of our tools.

**A partnership built for success**

Long-term collaboration is at the heart of everything we do. In addition to premium products and tailored solutions, we place great importance on personal support. Whether through technical assistance or hands-on training – we work closely with our partners to achieve success together.

**Investing in the future**

With the completion of our site expansion at the end of 2024, we have increased our production capacity in Switzerland by 40%. This expansion creates space for growth and ensures reliable delivery to our customers.

**Your global partner**

With a strong tradition of precision, reliability and innovation, REFCO proudly supports HVAC/R professionals worldwide. Together with our partners, we embrace new challenges and shape the market with pioneering solutions.



# PRODUCTS

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## Vacuum



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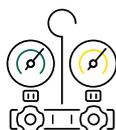
## Recovery and Charging



12

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## Manifolds



16

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## Charging Hoses and Valves



20

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## Installation Tools



22

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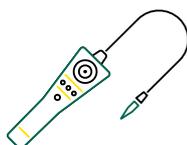
## Test Equipment



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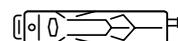
## Leak Detection



34

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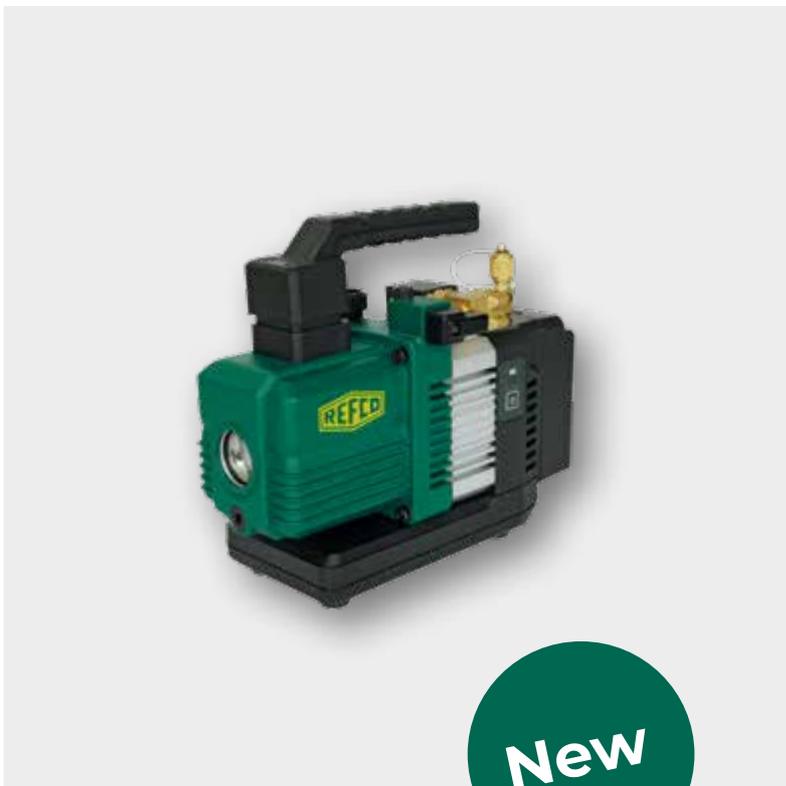
## Condensate Pumps



36

# ECO-2-A2L-e

Maximum portability at full performance - the two-stage, battery-powered vacuum pump ECO-2-A2L-e was specially developed for use in hard-to-reach areas without a power supply.



## SHORT DESCRIPTION

The two-stage, battery-powered vacuum pump ECO-2-A2L-e is ideal for mobile use without a power supply. An integrated solenoid valve prevents vacuum loss in the event of accidental shut-off. At just 3.2 kg and compact dimensions (225 × 105 × 195 mm), it is lightweight and easy to handle. It is suitable for all common refrigerants up to and including A2L. The pump is supplied without a battery, but includes an adapter for 18V batteries from a leading European manufacturer. It features a robust aluminium housing, a ¼" SAE port, and operates quietly. It is also maintenance-friendly.

## BENEFITS

- Maximum mobility thanks to battery operation – ideal for flexible use without power connection
- Suitable for A2L refrigerant
- Solenoid valve prevents vacuum loss during accidental shut-off
- High pumping capacity (57 l/min) shortens the evacuation time
- Easy handling and maintenance-friendly
- Very quiet operation
- ¼" SAE intake port

## ECO-2-A2L-e

4689076

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DISCOVER  
THE PRODUCT  
ONLINE



# ECO-A2L

Fast, reliable and equipped for modern refrigerants: the ECO-A2L vacuum pumps.

## SHORT DESCRIPTION

Fast, reliable and suitable for all common refrigerants up to and including A2L – the two-stage ECO-A2L vacuum pumps combine a compact design with high pumping capacity for efficient evacuation. A robust aluminium housing with a solid handle ensures easy handling. The quiet operation enhances user comfort. An integrated solenoid valve prevents vacuum loss in the event of accidental shut-off. Thanks to ¼" and ⅜" SAE connections, the pumps offer maximum flexibility. They are also easy to operate and maintenance-friendly.

New



## BENEFITS

- Suitable for A2L refrigerant
- Solenoid valve prevents vacuum loss in case of accidental shut-off
- Easy to operate and maintenance-friendly
- Very quiet operation
- High pumping capacity shortens evacuation time
- ¼" and ⅜" SAE intake ports for flexible hose selection

### ECO-3-A2L

**84 l/min** - compact and lightweight, ideal for small applications  
4688854

### ECO-5-A2L

**142 l/min** - high performance for medium applications and large systems  
4687805

### ECO-9-A2L

**254 l/min** - for large systems with short evacuation times  
4688853

DISCOVER  
THE PRODUCT  
ONLINE



# REFVAC-T

Forged female flare branch tee with O-ring - for attaching the REFVAC-RC during the evacuation process.



## REFVAC-T

4687845

DISCOVER  
THE PRODUCT  
ONLINE



# REFVAC-RC

Precise vacuum measurement with high resolution, wireless data transmission and flexible USB power supply.



## REFVAC-RC

4688291

## BENEFITS

- Display of differential pressure and pressure change
- High precision and resolution
- Wireless communication
- Signal range up to 100 m

DISCOVER  
THE PRODUCT  
ONLINE



# VCL-60-1/4"SAEx1/4"SAE

High-performance vacuum hose - vacuum-resistant and refrigerant-resistant. Perfect for the quick evacuation of refrigeration systems.



**VCL-60-1/4"SAEX1/4"SAE**

4688820

## **BENEFITS**

- Vacuum-resistant components
- Saves time during evacuation
- With forged male elbow to protect against moisture and dust during storage
- Does not implode under vacuum
- Resistant to refrigerants and oil

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**DISCOVER  
THE PRODUCT  
ONLINE**



# 19800-SV

Vacuum gauge,  $\varnothing$  80 mm,  
 $\frac{1}{8}$ " NPT with safety valve, ad-  
justable, scale: 1'000 - 0 mbar.



**19800-SV**

9882473

DISCOVER  
THE PRODUCT  
ONLINE



# 32525-5/16"SAE

Valve core replacing tool – evacuate and fill  
faster. Replace Schrader valves safely without  
refrigerant loss.



**32525-5/16"SAE**

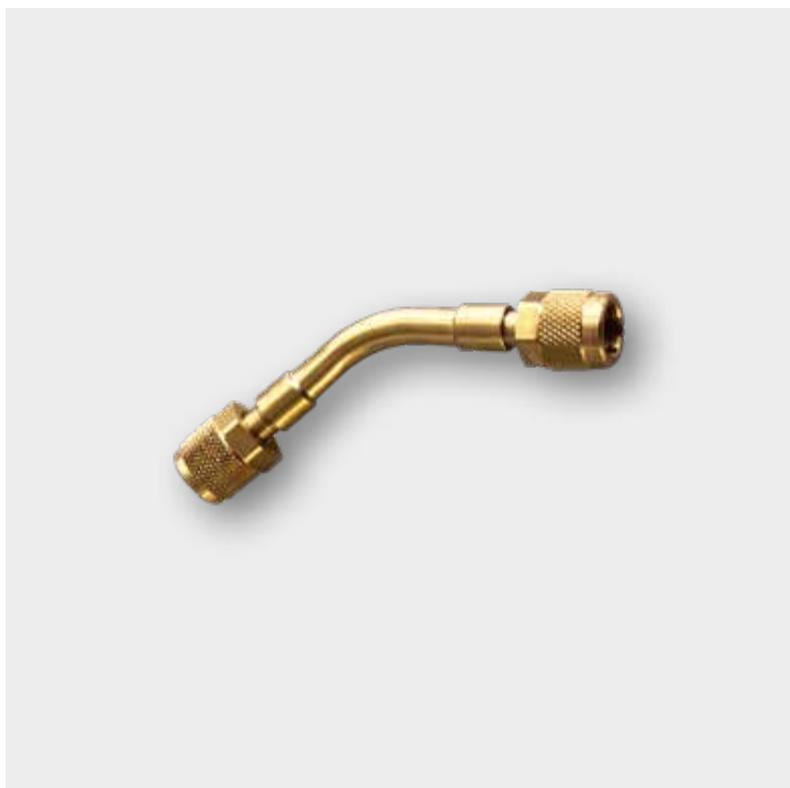
4687740

DISCOVER  
THE PRODUCT  
ONLINE



# SWIVEL- ARM-1/4" SAE-

Swivel arm - convenient installation of vacuum gauges in hard-to-reach locations.  
Reliable vacuum directly at the plant.



**SWIVEL-ARM-1/4"SAE-N**

4687631

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THE PRODUCT  
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# DV-46

Vacuum pump oil - 1 litre,  
viscosity 46 mm<sup>2</sup>/s at 40 °C.



**DV-46**

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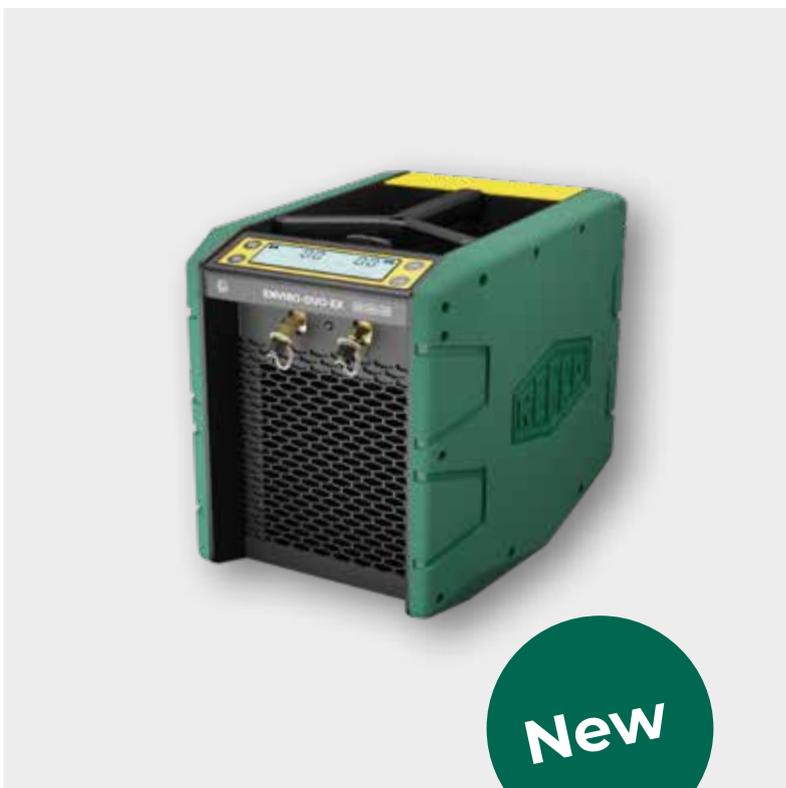
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DISCOVER  
THE PRODUCT  
ONLINE



# ENVIRO-DUO-EX

ATEX-certified recovery station, suitable for all common refrigerants, including A3-class (R290 and R600a).



## SHORT DESCRIPTION

Maximum safety when recovering flammable refrigerants. ATEX-certified and equipped with a powerful two-piston compressor, the new ENVIRO-DUO-EX offers a reliable and safe solution for the recovery and charging of all common refrigerants – including A3-class gases. One-button operation, integrated overfill protection (80%) and self-cleaning mode ensure dependable performance even under demanding conditions.

## BENEFITS

- ATEX-certified for maximum safety
- Suitable for all common refrigerants of classes A1, A2, A2L and A3
- Constant performance thanks to two-piston-compressor
- Oil- and maintenance-free compressor
- Equipped with overfill protection (80%) and self-cleaning mode
- Vacuum sensor can be deactivated
- Factory revision and extensive spare parts available

## ENVIRO-DUO-EX

4689021

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DISCOVER  
THE PRODUCT  
ONLINE



# ENVIRO-DUO

Reliable recovery station for all common refrigerants up to A2L – with maintenance-free two-piston compressor for consistent performance.

## SHORT DESCRIPTION

The high-performance ENVIRO-DUO guarantees a smooth extraction and filling process, which runs equally stably throughout the entire process thanks to the air-cooled two-piston compressor. The device is controlled with a button and safely enables the extraction of all common refrigerants up to and including A2L class.



## BENEFITS

- Suitable for A2L refrigerant
- Constant performance thanks to two-piston-compressor
- Oil- and maintenance-free compressor
- With overfill protection (80%) and self-cleaning mode
- Easy filter replacement
- Vacuum sensor can be deactivated
- Special compartment for moisture filter
- Factory revision and extensive spare parts available

## ENVIRO-DUO

4686353

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# REFSCALE-S

Convenient refrigerant exchange with the ultra-flat REFSCALE-S charging scale.



## SHORT DESCRIPTION

With a height of just 35 mm, it allows for easy positioning of the refrigerant cylinder. The integrated display, memory function and wireless connectivity with REFMATE and REF-MESH ensure an efficient workflow. Thanks to the M10 thread, the optional 10612-REF holder for refrigerant bottles can be attached – simplifying the charging process even further.

## BENEFITS

- Ultra-thin design (35 mm height) for easy placement of the refrigerant cylinder
- Practical carrying handle and robust protective case for convenient transport
- High-quality anti-slip mat for stable support and vibration damping
- Integrated display with backlight and protection against impact from refrigerant bottles
- M10 thread for optional valve (10612-REF) for refrigerant bottles
- Flexible power supply

## REFSCALE-S

4688867

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DISCOVER  
THE PRODUCT  
ONLINE



# REFVALVE

Refrigerant switching valve for automatic filling according to the target value.

New



## REFVALVE

4689024

## BENEFITS

- Wireless connection of REFSCALE-S, REFSCALE-C and REFIMATE with REFVALVE
- Bistable valve ensures low energy consumption
- Automatic filling according to target value

DISCOVER  
THE PRODUCT  
ONLINE



# 10612-REF-ACME-LH

Filling adapter for fixing refrigerant cans on all REFCO scales.



## 10612-REF-ACME-LH

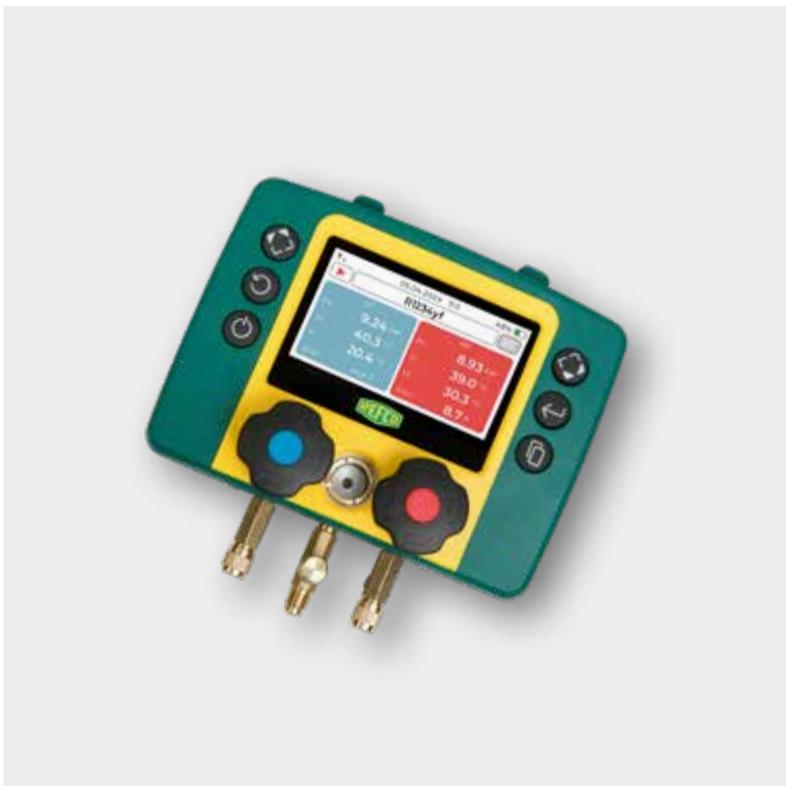
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DISCOVER  
THE PRODUCT  
ONLINE



# REFMATE-2-BASIC

The digital manifold – your central hub for refrigeration system measurements. Fully networked, with long-term data storage and seamless integration with other REFCO measuring devices.



## SHORT DESCRIPTION

It communicates wirelessly with temperature clamps, vacuum gauges and the REFSCALE, and records all measured values during long-term measurements directly on the device – allowing it to operate unattended. The data can be viewed and exported via the REF MESH app. The latest refrigerant and firmware updates can be easily installed via PC.

## BENEFITS

- Patented analogue display
- Large 4.3" TFT display
- Indication of superheating and subcooling
- Intuitive control via robust push buttons
- High precision with accuracy class 0.5
- Flexible power supply (AA batteries or USB)
- Wireless communication with REF MESH-App and other devices
- Lockable for long-term measurements

## REFMATE-2-BASIC

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DISCOVER  
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# BM2-8-DS- HEAT PUMP

Ideal 2-way manifold for R32, R290 and R410A – perfect for use with heat pumps.

## SHORT DESCRIPTION

This 2-way manifold is ideal for use with the common refrigerants R32, R290 and R410A in heat pump systems. Equipped with high-quality Bourdon type gauges and a robust aluminium body, it ensures safe and precise operation even at high pressures.



## BENEFITS

- High-quality Bourdon type pressure gauges with metal housing, accuracy class 1.6
- Ergonomic and robust handles for opening the valves with ease, even under high pressure
- Integrated sight glass for visual inspection
- Robust aluminium block
- Zero point adjustable
- All mechanical parts are available as spare parts
- Supplied without charging hoses (delivered in blister packaging)

## BM2-8-DS-HEATPUMP

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DISCOVER  
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# M2-3-DELUXE-DS-R32-CA-60

Precise 2-way manifold for R32 and R410A with durable, oil-filled metal bellow type gauges and ball valves for safe working.



## SHORT DESCRIPTION

The 2-way manifold M2-3-DELUXE-DS-R32-CA-60 provides precise pressure measurements thanks to oil-filled bellow type gauges (accuracy class 1.0) in an aluminium housing. It comes with three 150 cm charging hoses ( $\frac{1}{4}$ " SAE and  $\frac{5}{16}$ " SAE) featuring ball valves, and is securely stored in a sturdy plastic case.

## BENEFITS

- High-quality, oil-filled bellow type gauges in aluminium housing, class 1.0
- Zero point adjustable
- Robust aluminium block
- All mechanical parts are available as spare parts
- Charging Hoses 150 cm with ball valve:  $\frac{1}{4}$ " SAE yellow,  $\frac{5}{16}$ " SAE, blue and red
- Delivered in a sturdy plastic case

## M2-3-DELUXE-DS-R32-CA-60

4688650

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ONLINE



# SM2-3-DS-R32-R407C-CA

Versatile 2-way manifold for R32, R410A and R407C – with precise Bourdon type gauges and ball valves for safe operation.

## SHORT DESCRIPTION

This 2-way manifold for R32, R410A and R407C is equipped with M5 Bourdon type gauges (accuracy class 1.0, pressure scale in bar/psi) and includes five charging hoses with ball valves. Supplied in a sturdy plastic case.



## BENEFITS

- High-quality Bourdon type pressure gauges with metal housing, class 1.0  
Metal housing, class 1.0
- Integrated sight glass for visual inspection
- Robust aluminium block
- Zero point adjustable
- All mechanical parts are available as spare parts
- 150 cm charging hoses with ball valves:  
3 x 3/4" SAE (blue, red, yellow)  
and 2 x 5/16" SAE (blue, red)
- Delivered in a sturdy plastic case

## SM2-3-DS-R32-R407C-CA

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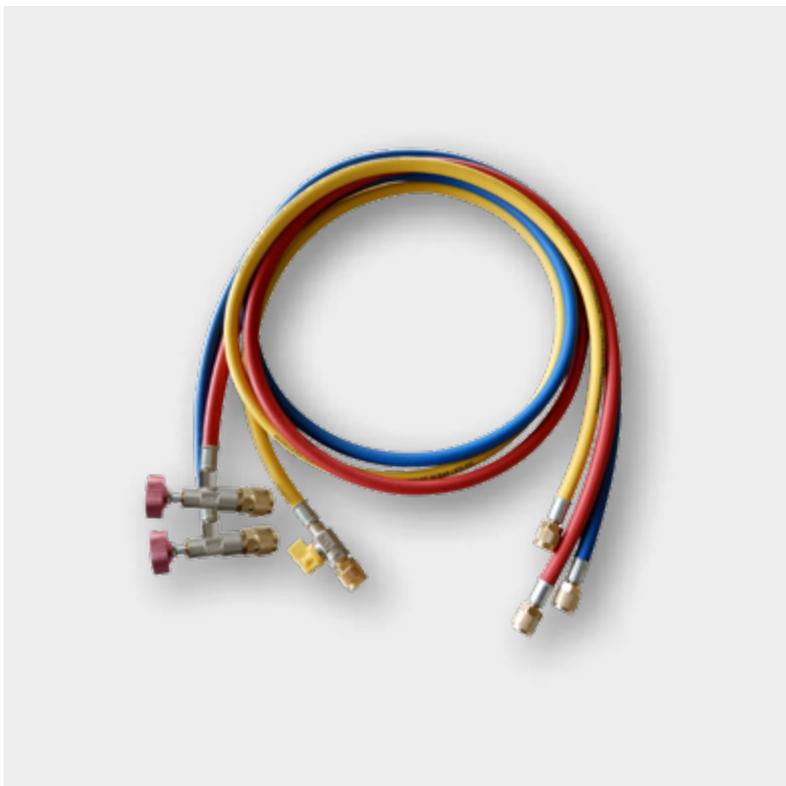
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DISCOVER  
THE PRODUCT  
ONLINE



# CCL-60-A-38410

High-quality charging hose set with access control valve and ball valve for easy charging and evacuation of refrigeration systems.



## SHORT DESCRIPTION

The CCL-60-A-38410 charging hose set includes three 150 cm hoses (blue, red, yellow) with straight connectors. The blue and red hoses feature an access control valve for  $\frac{5}{16}$ " SAE service ports, while the yellow hose is equipped with a ball valve. Designed for maximum tightness and durability.

## BENEFITS

- Includes 3 charging hoses,  $\frac{3}{4}$ " SAE, 60" / 150 cm, blue, red and yellow, with straight connectors
- Blue and red hoses with access control valve for  $\frac{5}{16}$ " SAE, yellow hose with ball valve
- Locked valve core depressor prevents damage to the Schrader valve
- Long-life PTFE seal with blow-out preventer, replaceable
- 60 bar working pressure, completely sealed – no refrigerant leakage
- Durable rubber compound

## CCL-60-A-38410

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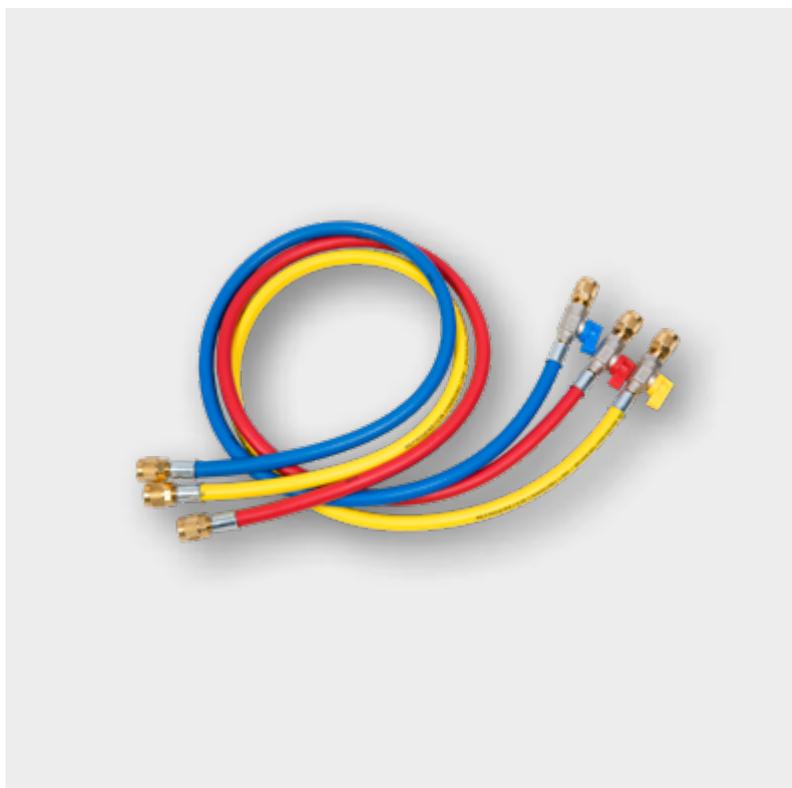
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DISCOVER  
THE PRODUCT  
ONLINE



# CA-CCL-60

Charginghose set with ball valve and core depressor for precise and safe working.



## BENEFITS

- Long-life PTFE seal with blow-out preventer, replaceable
- 60 bar working pressure
- Flexible and durable rubber compound for high elasticity

DISCOVER  
THE PRODUCT  
ONLINE



## CA-CCL-60

4493622

# A-38410

Schrader valve passage not connected for easy filling and evacuation.



## A-38410

4687960

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THE PRODUCT  
ONLINE



# FLARE-e-Z

Rechargeable battery-driven 45° flaring tool for mobile use in hard-to-reach places – combines speed, precision and maximum work safety.



## SHORT DESCRIPTION

With its low weight and compact design, the FLARE-e is ideal for use in hard-to-reach areas. The high-quality Samsung battery delivers up to 170 flaring operations per charge and is fully protected against overcharging, deep discharge, overheating, overcurrent and short circuit. For maximum work safety, the flaring clamps can be securely locked. The device starts only when the clamp is correctly installed, and an ongoing flaring process can be stopped at any time. The integrated LED lighting ensures optimal visibility, even in dark working environments.

## BENEFITS

- Precise and quick 45° flaring
- Lightweight and compact: ideal for hard-to-reach areas
- High-performance battery for up to 170 flaring operations per charge
- Maximum safety thanks to lockable flaring clamps
- Manual interruption of the flaring process at any time
- Incl. 6 inch flaring clamps:  
1/4", 5/16", 3/8", 1/2", 5/8", 3/4"
- Supplied with case, battery, charger and deburring tool

## FLARE-e-Z

4689045

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DISCOVER  
THE PRODUCT  
ONLINE



# RF-899-Z

45° flaring tool for inch tubes – suitable for  $\frac{3}{16}$ “,  $\frac{1}{4}$ “,  $\frac{5}{16}$ “,  $\frac{3}{8}$ “,  $\frac{1}{2}$ “,  $\frac{5}{8}$ “ and  $\frac{3}{4}$ “ diameters  
With a ratchet handle for tight spaces.



**RF-899-Z**

4666068

DISCOVER  
THE PRODUCT  
ONLINE



# 525-F

Flaring tool for metric and inch tubes suitable for 5 to 16 mm or  $\frac{3}{16}$ “ to  $\frac{5}{8}$ “ diameter.



**RF-899-Z**

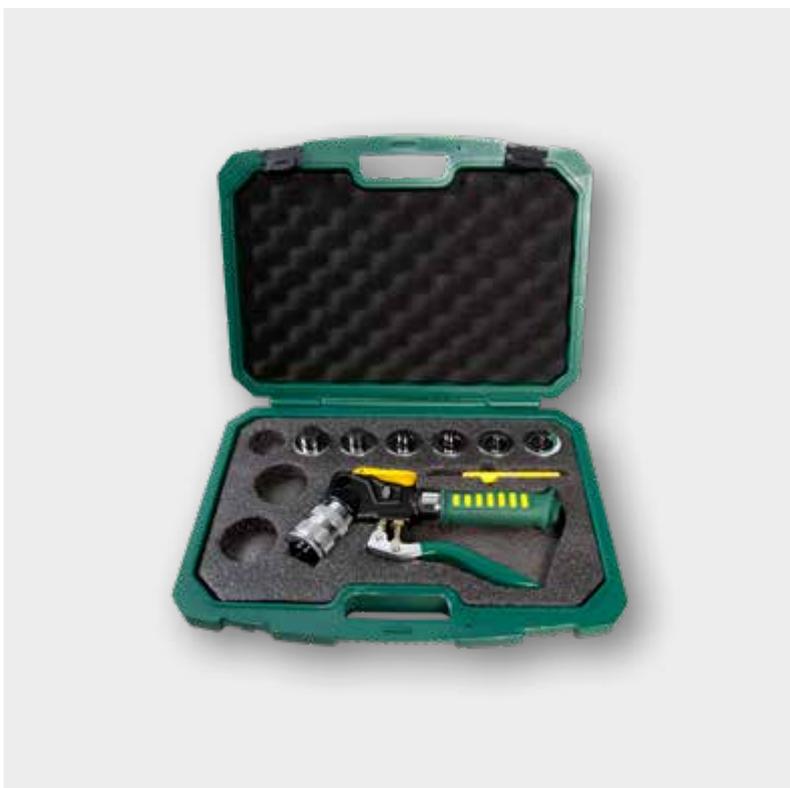
9881571

DISCOVER  
THE PRODUCT  
ONLINE



# HY-EX-7

Hydraulic expander tool set - efficient expansion of copper and aluminium tubes. Suitable for tubes of 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1 1/8" diameter.



## SHORT DESCRIPTION

The HY-EX-7 enables precise and uniform expansion of soft copper and aluminium tubes with just a few pumps. Thanks to its one-handed operation and compact pistol design, it is ideal for use in tight spaces.

The 120° working angle ensures ergonomic handling and reduces user effort. The laser-engraved expander heads are easy to change and compatible with other REFCO expander tools. Delivered in a sturdy plastic case, including a robust deburring tool.

## BENEFITS

- Suitable for tubes of 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1 1/8" diameter
- Precise one-handed operation
- Compact pistol shape for use with tight space conditions
- 120° working angle for ergonomic use
- Interchangeable, laser-engraved expander heads
- Compatible with other REFCO expander-tools
- Supplied in a sturdy plastic case

## HY-EX-7

4687358

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DISCOVER  
THE PRODUCT  
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# HY-TELL

Hydraulic tube bender – for precise bending of soft copper tubes from 1/4" to 7/8" diameters.



## HY-TELL

4688017

## BENEFITS

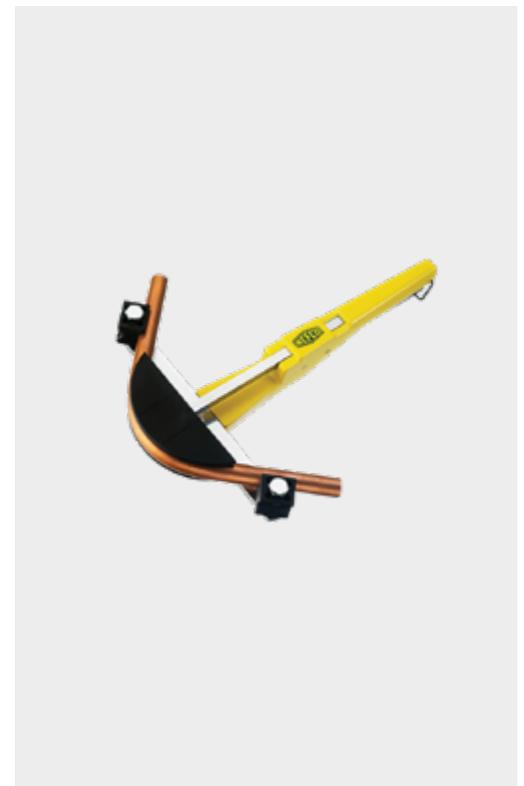
- Integrated angle guide for precise tube bending
- Minimal effort required thanks to hydraulic operation
- Stable support for secure table-top use
- Easy and quick tool change

DISCOVER  
THE PRODUCT  
ONLINE



# TELL-7

Mechanical tube bender – easy handling for tube diameters from 1/4" to 7/8" Ø.



## TELL-7

4666076

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THE PRODUCT  
ONLINE



# RS-16

Tube cutter (Ø 3-16 mm) with easy spindle adjustment and spare cutting wheel.



**RS-16**  
4682722

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THE PRODUCT  
ONLINE



# RS-35

Precise tube cutter (Ø 3-35 mm) with guide rollers, easy spindle adjustment and integrated deburring tool for clean cuts.



**RS-35**  
4682748

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DISCOVER  
THE PRODUCT  
ONLINE



# RFA-313- STY- LO-HD

Compact, pin-shaped deburring tool – for quick and clean deburring, with rotating head and replaceable steel heads.



## RFA-313-STYLO-HD

4688790

## BENEFITS

- Easy to use thanks to the rotating head
- Deburrs rough or irregular edges of steel, aluminium, copper and plastic
- Replaceable steel heads

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DISCOVER  
THE PRODUCT  
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# 14210

Recovery-service-piercing pliers, with ¼" SAE connection thread.



## 14210

9881526

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# TW-8

Torque wrench set for precise adjustments from 10 to 75 Nm. Ideal for repair and maintenance work with various wrench sizes.



## SHORT DESCRIPTION

This set includes seven wrench sizes (17-29 mm) and an adjustable torque range from 10 to 75 Nm. Packed in a compact, practical case, it ensures easy handling for precise maintenance and repair work.

## BENEFITS

- Adjustable torque range from 10 to 75 Nm
- Wrench sizes: 17, 19, 22, 24, 26, 27, 29 mm
- Supplied in a compact, sturdy case

## TW-8

4666034

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DISCOVER  
THE PRODUCT  
ONLINE



# 14142

Fin comb with ergonomic handle and spare comb. Fins per inch: 8, 9, 10, 12, 14 or 15.



14142  
9881562

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# EZ-125/12

Sealant for permanent sealing of threaded connections. 12 pieces per package.



EZ-125/12  
4503635

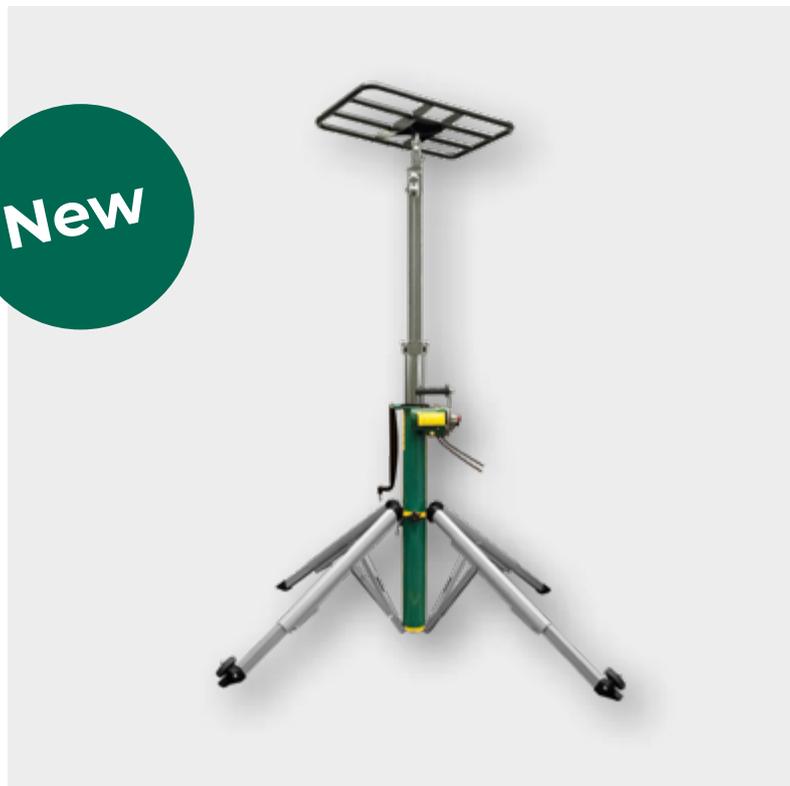
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DISCOVER  
THE PRODUCT  
ONLINE



# LFT-5M

Lightweight, compact and powerful - the new lifter LFT-5M raises loads of up to 90 kg at an impressive height of 5 meters.



## SHORT DESCRIPTION

Electronically operated, portable lifter for loads up to 140 kg and a lifting height up to 5 meters. The robust yet lightweight construction made of galvanized steel and aluminium weighs only 36 kg (without platform) and is easy to transport thanks to casters and an ergonomic handle. The variable foot positioning ensures a stable hold, while the steel tube is equipped with internal steel cables for increased safety. The manual crank enables reliable operation, even in the event of a power failure.

## BENEFITS

- Lifting height up to 5 meters at 90 kg, 4 meters at 120 kg, and 3 meters at 140 kg
- Lightweight, sturdy construction made of steel and aluminium (only 36 kg without platform)
- Integrated steel cables for enhanced safety
- Easy transport thanks to practical castors and ergonomic handle
- Stepless control box with 6 m range and manual operation in case of power failure
- Removable platform with carrying bag
- Spare parts available

## LFT-5M

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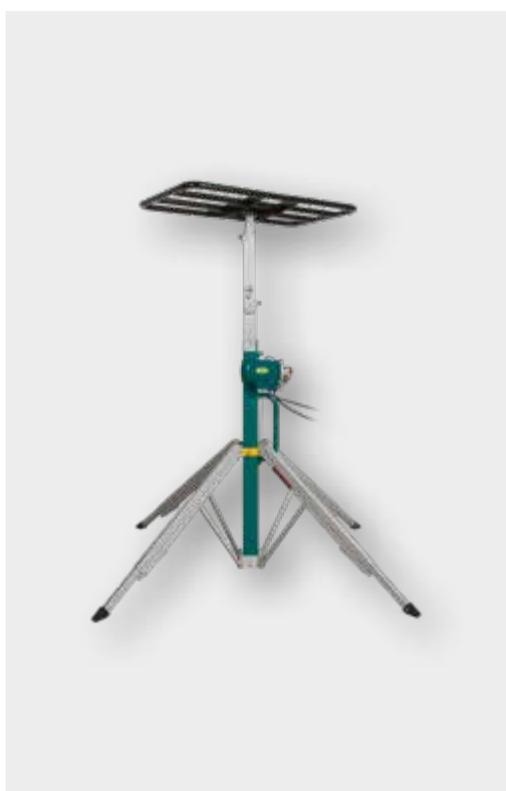
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DISCOVER  
THE PRODUCT  
ONLINE



# LFT-230

Practical portable lifter lifts loads of up to 120 kg to 3 meters.



**LFT-230**  
4682888

DISCOVER  
THE PRODUCT  
ONLINE



# REFPACK

The ergonomic and robust backpack offers ample storage for a wide range of tools.



## BENEFITS

- 39 l volume, 15 kg load capacity
- Waterproof bottom tray and reinforced carrying handle
- Padded laptop compartment and hose wrist straps
- Flexible side pockets

**REFPACK**  
4688642

DISCOVER  
THE PRODUCT  
ONLINE



# REFCLAMP

The wireless temperature clamp with integrated humidity sensor enables precise measurement of tube and air temperatures as well as ambient humidity in refrigeration systems and heat pumps.



## SHORT DESCRIPTION

REFCLAMP is equipped with three sensors: a tube temperature sensor, an ambient temperature sensor, and an air humidity sensor. All measured values are transmitted in real time via wireless connection to the REFIMATE and the REFIMESH app, allowing for accurate system optimization. The illuminated display ensures excellent visibility even in poor lighting conditions, while the slim tip enables easy access in hard-to-reach areas.

## BENEFITS

- Target superheat and Delta T-Calculation
- Fast response time and clear display of measurement values
- Ergonomic design for comfortable handling
- Wireless connection to REFIMATE and REFIMESH app
- Long transmission range up to 300 m

## REFCLAMP

4688704

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DISCOVER  
THE PRODUCT  
ONLINE



# MULTI-THERM

Digital thermometer with external probe.



## MULTITHERM

4688582

DISCOVER  
THE PRODUCT  
ONLINE



# INVERTER CHECK KIT

Diagnostic device for identifying electronic faults in air conditioning and refrigeration systems.



## BENEFITS

- Direct analysis of compressor and inverter faults
- Quick visual status display

## INVERTER CHECK KIT

4678571

DISCOVER  
THE PRODUCT  
ONLINE



# TRITECTOR-R

Reliable leak detection for all common refrigerants – precise, intuitive, and flexible in use.



## SHORT DESCRIPTION

The TRITECTOR-R is engineered for accurate leak detection of refrigerants. With adjustable sensitivity levels, it identifies even the smallest leaks. Automatic or manual ambient compensation prevents false alarms and ensures reliable measurements. Detected leaks are shown visually on the color LCD display and optionally indicated by an acoustic signal. Thanks to its modular design, the TRITECTOR-R can be upgraded at any time: with the red C-sensor for combustible gases and the yellow T-sensor for tracer gas, it becomes a versatile 3-in-1 solution. Alternatively, the TRITECTOR-RCT comes fully equipped with all three sensors.

## BENEFITS

- Accurate refrigerant leak detection via advanced sensing technology
- Expandable with sensors for combustible gases (C-sensor, red) and tracer gas (T-sensor, yellow)
- Intuitive operation
- Optical and acoustic leak detection for maximum safety
- Automatic and manual ambient-compensation
- Flexible power supply via battery or USB
- High quality LCD Display

## TRITECTOR-R

4688375

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THE PRODUCT  
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# C-SENSOR T-SENSOR

The C-sensor (red) for combustible gas and the T-sensor (yellow) for tracer gas upgrade the TRITECTOR-R into a flexible 3-in-1 leak detection solution.



**C-SENSOR**

4688371

**T-SENSOR**

4688372

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THE PRODUCT  
ONLINE



# 10620

Leak detection spray for locating leaks in pressurized refrigeration systems.



**10620**

9881420

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THE PRODUCT  
ONLINE



# VAMP-F

Smallest condensate pump on the market – integrated reservoir, easy and quick installation.



## SHORT DESCRIPTION

VAMP-F is the smallest condensate pump of its kind on the market – compact, whisper-quiet, and easy to install. With a height of just 26 mm, it fits into extremely tight spaces and enables tool-free installation. The flexible hose also functions as a reservoir, allowing even faster setup. Designed for air conditioning units with a cooling capacity of up to 18.5 kW. With optional adapters, VAMP-F can easily be retrofitted into existing installations – making it an ideal replacement for pumps from other manufacturers. The optical sensor enables precise level detection, and the diaphragm pump delivers a flow rate of up to 22 l/h and a discharge head of 15 m.

## BENEFITS

- Smallest pump on the market (only 26 mm high)
- Whisper-quiet operation - below 18 dB(A)
- Tool-free installation - posable hose serves as a reservoir
- Universal applications – wall-mounted units, ceiling cassettes, hallway units
- Flow rate: up to 22 l/h
- Maximum discharge head of 15 m
- Optical level sensing – for precise and reliable operation
- Easy retrofitting – optional adapters for existing installations

## VAMP-F

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# VAMP-X

Condensate pump for maximum flexibility in installation – external reservoir, precise, powerful, and versatile

## SHORT DESCRIPTION

VAMP-X is the ideal solution for demanding installations where flexibility and performance are essential. Designed for air conditioning units with a cooling capacity of up to 18.5 kW, it features a powerful diaphragm pump that delivers up to 22 l/h and a discharge head of 15 m. Whisper-quiet operation – below 18 dB(A) – makes it suitable even for sensitive environments. The optical level sensor is housed in an external reservoir, allowing flexible positioning of both sensor and pump. The posable hose enables quick, tool-free installation. Optional adapters make VAMP-X ideal for retrofitting into existing installations – the perfect replacement for pumps from other manufacturers.



## BENEFITS

- Maximum flexibility – external reservoir allows flexible installation and configuration
- Smallest pump on the market (only 26 mm high)
- Whisper-quiet operation - below 18 dB(A)
- Tool-free installation
- Universal applications – wall-mounted units, ceiling cassettes, hallway units
- Flow rate: up to 22 l/h
- Maximum discharge head of 15 m
- Optical level sensing – for precise and reliable operation
- Easy retrofitting – optional adapters for existing installations

## VAMP-X

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THE PRODUCT  
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# VAMP-C

Corner condensate pump for seamless replacement – compact, quiet, and easy to install, without re-wiring. Plug in, connect, done.

New



## SHORT DESCRIPTION

VAMP-C is the smart solution for replacing corner condensate pumps in existing installations. Its vibration-damping interface shell fits directly into the existing corner duct and can be trimmed to size for a perfect fit. The pump is made of non-flammable, plant-based material and is installed without tools. A cutout on the side provides visibility of the optical level sensor once the corner cover is removed.

**Simple connection** – no rewiring required: Optional adapters enable fast electrical integration – the existing cable can continue to be used. The existing corner duct and all plastic components can remain in place. Only the pump is replaced and connected to the condensate tray using the included corner hose.

## BENEFITS

- Interface shell – fits directly into existing corner duct and can be trimmed as needed
- Made from non-flammable, vibration-damping material
- Optional adapters – for easy electrical connection without rewiring
- Tool-free installation
- Expandable corner hose – also serves as a reservoir
- Compatible with multiple duct systems
- Whisper-quiet operation – below 18 dB(A)
- Flow rate: up to 22 l/h
- Maximum discharge head of 15 m
- Optical level sensing – for precise and reliable operation

## VAMP-C

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THE PRODUCT  
ONLINE



# VAMP-CK

Compact corner condensate pump for new installations – quiet, precise, easy to install.

## SHORT DESCRIPTION

VAMP-CK is the standalone solution for new installations in corner ducts – with smart design and minimal space requirements. The specially designed corner piece enables precise, stable mounting. Invisible fastening technology ensures a clean and discreet installation close to the indoor unit.

### Space-saving installation – compatible with standard duct systems

VAMP-CK is supplied without a bulky duct and can be mounted directly on the air conditioning unit. The compact corner piece allows installation with minimal spacing – completely without visible snap hooks. Standard market duct systems can be added, enabling a neat wall-mounted integration with maximum design flexibility.



## BENEFITS

- Most compact design for corner ducts – with minimal spacing
- Invisible fastening for a clean installation image
- Compatible with standard market duct systems
- Expandable corner hose: integrates filter, adapter and water reservoir
- Whisper-quiet operation: below 18 dB(A) thanks to vibration damping and diaphragm technology
- Flow rate: up to 22 l/h
- Maximum discharge head of 15 m
- Optical level sensing – for precise and reliable operation

## VAMP-CK

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THE PRODUCT  
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# VAMP-CDK

Compact corner condensate pump with complete duct set.



## SHORT DESCRIPTION

VAMP-CDK is the compact corner condensate pump with complete duct set – ideal for new installations with minimal space requirements. The well-designed system allows stable and concealed mounting close to the indoor unit.

## All-in-one solution for new installations

The supplied duct set – consisting of corner piece, duct and collar – enables neat corner mounting without visible fastening components. Standard market duct systems can be added for a clean wall-mounted integration with maximum design flexibility.

## BENEFITS

- Compact complete duct set for corner mounting near the unit – including corner piece, duct and collar
- Invisible fastening for a clean and discreet installation
- Compatible with standard market duct systems
- Easy and quick installation close to the indoor unit
- Expandable corner hose – also serves as a reservoir
- Whisper-quiet operation: below 18 dB(A)
- Flow rate: up to 22 l/h
- Maximum discharge head of 15 m
- Optical level sensing – for precise and reliable operation

## VAMP-CDK

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# VAMP Adapters

Replace pumps, keep the wiring.  
The smart retrofit solution for all VAMP models.

## SHORT DESCRIPTION

With the REFCO VAMP adapters, replacing condensate pumps from other manufacturers is easy. Each pump in the VAMP series can be connected to the existing wiring using the optional adapters. No rewiring is required – saving time and increasing flexibility during retrofitting. The adapters are compatible with common electrical connectors from other manufacturers.

Make the switch – and stay flexible.

### AP-mO/3

Adapter for VAMP  
pumps, 3 pcs.  
4689101



### AP-mA/3

Adapter for VAMP  
pumps, 3 pcs.  
3004258

### AP-mL/3

Adapter for VAMP  
pumps, 3 pcs.  
3004252



### SM-ALL/3

Adapter for VAMP  
pumps, 3 pcs.  
3004257

## BENEFITS

- Enables easy replacement of third-party condensate pumps
- No new installation for power and alarm cables needed
- Plug-and-play integration – just connect and go
- Voltage-resistant and non-flammable materials
- Compatible with commonly used connector types
- Saves time during retrofitting

### SCM-FWD/3

Adapter for VAMP  
pumps, 3 pcs.  
3004253



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THE PRODUCT  
ONLINE



# COMBI

Powerful condensate pump for air conditioning units – versatile, reliable, and efficient.



## SHORT DESCRIPTION

COMBI is designed for air conditioning systems with a cooling capacity from 1.75 kW up to 35 kW. Its digital water sensor, universal voltage input, and adjustable flow rate make it a powerful and flexible solution. The sensor can be mounted either horizontally or vertically, offering maximum installation flexibility. With its wide application range, COMBI enables both wholesalers and installers to meet almost all requirements with just one pump.

## BENEFITS

- Wide range of applications – one pump covers almost all needs
- Pumping capacity up to 42 l/h
- Maximum discharge head of 20 m
- Very quiet operation – noise level of 20 dB(A)
- No float-related issues thanks to digital sensor
- Demand-driven pump control
- Sensor can be mounted horizontally or vertically

## COMBI

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DISCOVER  
THE PRODUCT  
ONLINE



# GOBI II

Powerful condensate pump for direct mounting under the air conditioning unit.

## SHORT DESCRIPTION

GOBI II is designed for air conditioning systems with a cooling capacity from 1.75 kW up to 35 kW. Its digital water sensor, universal voltage input, and adjustable flow rate make it a powerful and reliable solution. Thanks to its direct mounting option under the unit, installation is particularly space-saving. With its wide application range, GOBI II allows both wholesalers and installers to meet almost all requirements with just one pump.



## BENEFITS

- Wide range of applications – one pump covers almost all needs
- Pumping capacity up to 42 l/h
- Up to 20 meters discharge head
- Very quiet operation – noise level of 20 dB(A)
- No float-related issues thanks to digital sensor
- Demand-driven control of pump performance

## GOBI II

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## COUNT ON OUR UNIQUE BENEFITS



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