

# WAECO CoolAir

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### New Product Bulletin 15



Truck Air Conditioning

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**WAECO**  
by Dometic GROUP

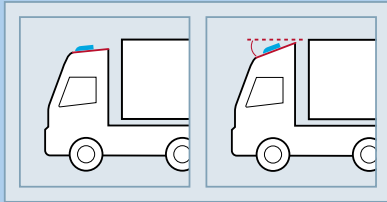
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# WAECO CoolAir stationary truck air conditioners

Whether parked up for a rest stop, or required to turn the engine off during a lengthy delivery or pick-up wait, WAECO CoolAir stationary truck air conditioners are the ideal solution to keep you cool in the cab.

## WAECO CoolAir RT 880

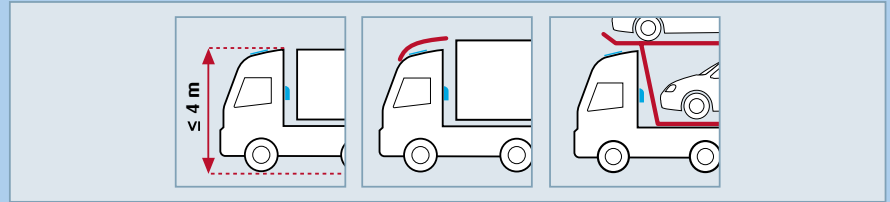


Roof air conditioner for trucks, 24 volt stationary air conditioning



- Self-contained air conditioner – A/C components integrated in one roof unit
- Fitted on the roof (roof air conditioner replaces roof window)
- Suitable for nearly all vehicle models!
- Custom models for Iveco Stralis
- ADR-approved (certificate upon request). No refitting needed!
- **100% clean removal** when vehicle-specific installation kits are used

## WAECO CoolAir SP 950T



Split air conditioner with roof evaporator unit for trucks, 24 volt stationary air conditioning



- Fitted on the roof (roof evaporator unit replaces roof window) and to the rear wall of the cabin (compressor unit)
- For trucks with tall cabins, with roof spoiler or with roof-mounted structures (e.g. car transporters)
- Super-flat roof evaporator unit – no problems adhering to the maximum permissible height
- **100% clean removal** when vehicle-specific installation and fastening frames are used

## WAECO CoolAir SP 950I

Split air conditioner with interior evaporator unit for trucks, 24 volt stationary air conditioning



- Fitted to the rear wall of the cabin (internal wall mount evaporator, external compressor unit)
- For trucks where a roof set-up is not possible or not desirable (large roof slope, tall cabins, with roof spoiler or with roof-mounted structures, roof window should remain)
- No problems adhering to the maximum permissible height

It is important to note the amperage draw of each unit. If extended run time is required with engine off, CoolDrive highly recommend installation of a secondary battery system. Minimum battery cable size requirement is 2B&S.

\* Installation kits required - refer to page 3

## WAECO CoolAir RT 880

Truck roof compressor air conditioner, 24 volt air conditioning for stationary use.



|                            |   |
|----------------------------|---|
| <b>Input voltage</b>       | 24 volts DC   |
| <b>Current consumption</b> | 12 – 22 A   |
| <b>Cooling capacity</b>    | 1000 watts/3415 BTU's (compressor performance)<br>850 watts/2902 BTU's (rated to ISO 5151)  |
| <b>Refrigerant</b>         | R134a   |
| <b>System</b>              | Rotary compressor for mobile use, soft-start electronics, adjustable low voltage protection for vehicle battery, three blower levels and automatic mode, hermetically sealed refrigeration circuit        |
| <b>Dimensions</b>          | <b>W</b> 830 x <b>H</b> 160 x <b>D</b> 635 mm   |
| <b>Weight</b>              | approx. 21 kg   |
| <b>Colour</b>              | Upper shell white   |
| <b>Quality features</b>    | UV-resistant, paintable upper shell, control panel with digital status display, remote control, four individually adjustable nozzles, exceptional cooling performance and additional air dehumidification |
| <b>Test marks</b>          | e-approved (Automotive EMC Directive)   |

Scope of delivery: stationary air conditioner, remote control, operating manual

| Product  | Ref. No.          |
|--|-------------------|
| <b>CoolAir RT880</b> (basic model), 0° compressor inclination  | <b>9105305551</b> |
| <b>CoolAir RT880</b> (basic model), 12° compressor inclination | <b>9105305547</b> |

Optional extras:

**Battery connection cable**, 8 mm<sup>2</sup>, 9.5 m long, for vehicles with power management

**9100300027**



### Control panel: functional and easy to use



- 1 On/Off switch
- 2 LED red: warning indicator
- 3 LED blue: unit in operation
- 4 LED yellow: compressor ON
- 5 Operation mode setting
- 6 Digital status display
- 7 Temperature set buttons

## WAECO CoolAir Accessories

Vehicle specific installation kits for RT 880 basic model and SP 950T (required accessories).

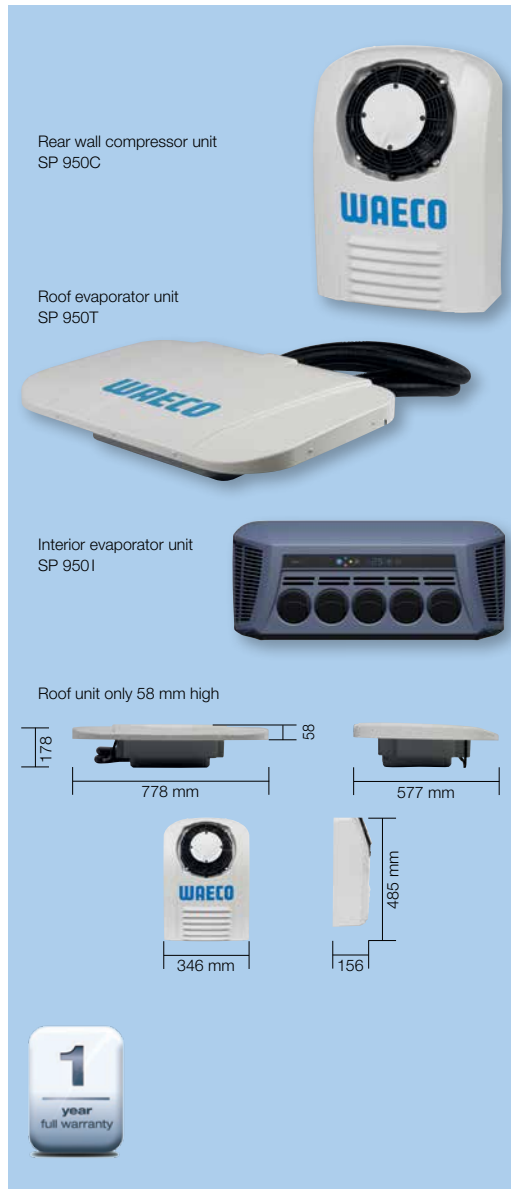


| Product   | Ref. No.          |
|---|-------------------|
| Installation kit for <b>DAF XF105 SC</b>                                      | <b>9100300029</b> |
| Installation kit for <b>DAF XF105 SSC</b>                                     | <b>9100300030</b> |
| Installation kit for <b>Iveco Stralis AS/AT</b> (only RT 880)                 | <b>9100300064</b> |
| Installation kit for <b>Iveco Stralis Hi-Way/AS<sup>3</sup></b> (only RT 880) | <b>9100300065</b> |
| Installation kit for <b>MAN TGS/TGX XXL</b> (only RT 880)                     | <b>9100300031</b> |
| Installation kit for <b>MAN TGX XLX</b> (only SP 950T)                        | <b>9100300045</b> |
| Installation kit for <b>MB Actros</b>   | <b>9100300032</b> |
| Installation kit for <b>MB new Actros</b>                                     | <b>9100300057</b> |
| Installation kit for <b>MB Atego/Axor</b>                                     | <b>9100300033</b> |
| Installation kit for <b>Scania Highline/Topline</b>                           | <b>9100300036</b> |
| Installation kit for <b>Volvo L2H2</b> (only RT 880)                          | <b>9100300043</b> |
| Installation kit for <b>Volvo L2H3</b>  | <b>9100300037</b> |
| Installation kit <b>Universal 1</b> (screw mounting)                          | <b>9100300038</b> |
| Installation kit <b>Universal 2</b> (bracket mounting)                        | <b>9100300039</b> |

Scope of delivery: covering frames, seals, fixing materials, connection cable, installation instructions

## WAECO CoolAir SP 950

Truck roof compressor split air conditioner, 24 volt air conditioning for stationary use.

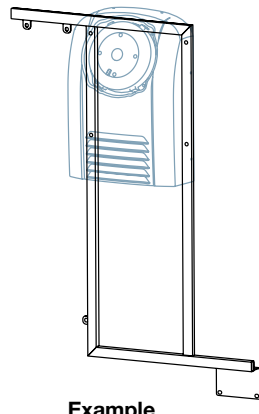


|                            |  |
|----------------------------|--|
| <b>Input voltage</b>       | 24 volts DC  |
| <b>Current consumption</b> | 12 – 22 A  |
| <b>Cooling capacity</b>    | 1000 watts/3415 BTU's (compressor performance)<br>850 watts/2902 BTU's (rated to ISO 5151)   |
| <b>Refrigerant</b>         | R134a  |
| <b>System</b>              | Rotary compressor for mobile use, soft-start electronics, adjustable low voltage protection for vehicle battery, three blower levels and automatic mode, hermetically sealed refrigeration circuit                               |
| <b>Dimensions</b>          | SP 950C – Compressor unit: <b>W</b> 346 x <b>H</b> 485 x <b>D</b> 156 mm<br>SP 950T – Evaporator unit: <b>W</b> 778 x <b>H</b> 178 x <b>D</b> 577 mm<br>SP 950I – Evaporator unit: <b>W</b> 650 x <b>H</b> 278 x <b>D</b> 145 mm |
| <b>Weight</b>              | SP 950C – Compressor unit approx. 16 kg<br>SP 950T – Evaporator unit: approx. 12 kg<br>SP 950I – Evaporator unit: approx. 11 kg  |
| <b>Colour</b>              | SP 950T: Upper shell white<br>SP 950I: Anthracite  |
| <b>Quality features</b>    | UV-resistant, paintable upper shell (SP 950T), Control panel with digital status readout, remote control, four individually adjustable nozzles, exceptional cooling performance and additional air dehumidification              |
| <b>Test marks</b>          | e-approved (Automotive EMC Directive)  |

| Product   | Ref. No.          |
|---|-------------------|
| <b>CoolAir SP 950C compressor unit</b>  | <b>9105305550</b> |
| Scope of delivery: Compressor unit, universal installation kit, installation manual                       |                   |
| <b>CoolAir SP 950T</b>  | <b>9105305549</b> |
| Scope of delivery: Roof evaporator unit, remote control, operating manual                                 |                   |
| <b>CoolAir SP 950I</b>  | <b>9105305612</b> |
| Scope of delivery: Interior evaporator unit, exterior supply line cover, remote control, operating manual |                   |
| <b>Required accessory SP 950T</b>   |                   |
| Vehicle specific installation kits (see page 3)   |                   |

**ADR approved for all classes except EX/II, EX/III.  
OX only when WAECO fastening frame is used.**

## Quick and easy to assemble using fastening points in the vehicle



Example

### WAECO CoolAir SP950C

Vehicle specific mounting frames for compressor unit (optional extras)

| Product                 | Ref. No.   |
|-------------------------|------------|
| DAF XF105               | 9100300046 |
| MAN TGS/TGX L, LX, XL   | 9100300049 |
| MAN TGS/TGX XLX, XXL    | 9100300050 |
| MB Actros Mega Space    | 9100300051 |
| MB New Actros           | 9100300060 |
| Scania Highline/Topline | 9100300054 |
| Volvo FH (Euro 6)       | 9100300072 |
| Volvo FH RHS frame      | 9108400186 |



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