



Weiss Module-R

Ultimate Cooling Solution for your Tents
and Containers

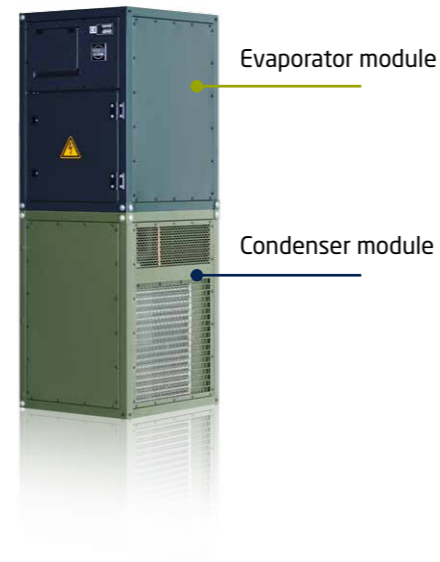


Reliable · Versatile · Innovative · Compact
Easy to operate · Service Friendly

Weiss Module-R

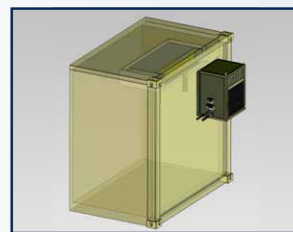
The system consists of Compact Evaporator, Condenser Module and Weiss Control Unit that can be configured in order to obtain full range of air conditioning needs for military tents and containers.

- Cooling capacity 5 to 15 kW at 55 °C
- Designed for extreme operational conditions: -40 °C up to +55 °C
- Available in 3 compact sizes
- Weiss Defence Control Unit with CAN-BUS, offering limitless control options
- Complies with MIL standards

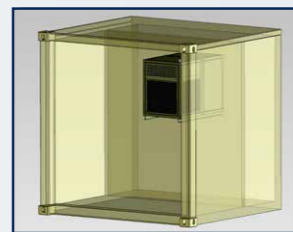


Advantages of the modular construction

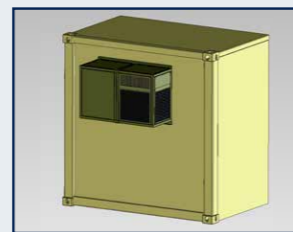
- Easily customized to meet operational requirements and budget
- Reduces setup, operation and service time
- Decreases spare parts cost and documentations
- System easily upgradable for future needs
- All Weiss Module-R products can interact using the Weiss Defence Control Unit (WDCU)



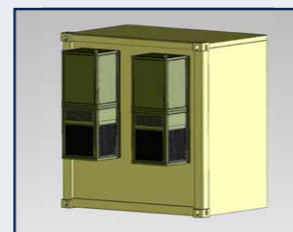
Split-System SP



Horizontal D



Horizontal H



Vertical V

Container applications



Split-System SP



Horizontal C

Tent applications

Weiss Defence Control Unit

- Extremely shock resistant and water proof
- CAN-BUS communication with limitless control options
- Feedback of useful system data to users and maintenance crew
- Enables energy savings
- Reduces noise



Weiss Defence Control Panels

- Simple and easy to operate
- Robust and reliable
- Start the Module-R AC system
- Choose one of 3 operation modes
- Give a set point for the inside temperature
- Choose fan speed in ventilation mode

6-Key Pad



Standard

Monochrome Display



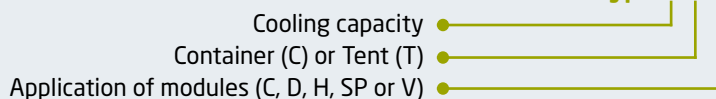
Option 1

Colour Display



Option 2

Module-R identification numbers: Module-R, Type 5-C-x



| Technical Data | Cooling Capacity* kW / tons | Heating Capacity** kW | Supply Air Flow m³/h | Housing | Power Supply |
|-----------------------|--------------------------------|--------------------------|-------------------------|---------|-----------------|
| Container | | | | | |
| Module-R, Type 5-C-x | 5 / 1.5 | 5 | 1000 | Type 1 | 3Ph, 400V, 50Hz |
| Module-R, Type 7-C-x | 7.5 / 2.0 | 5 | 1500 | Type 1 | 3Ph, 400V, 50Hz |
| Module-R, Type 10-C-x | 10 / 3.0 | 7 | 2000 | Type 2 | 3Ph, 400V, 50Hz |
| Module-R, Type 12-C-x | 12.5 / 3.5 | 7 | 2000 | Type 2 | 3Ph, 400V, 50Hz |
| Module-R, Type 15-C-x | 15 / 4.0 | 10 | 2500 | Type 3 | 3Ph, 400V, 50Hz |
| Tent | | | | | |
| Module-R, Type 5-T-x | 5 / 1.5 | 5 | 1000 | Type 4 | 3Ph, 400V, 50Hz |
| Module-R, Type 7-T-x | 7.5 / 2.0 | 5 | 1500 | Type 4 | 3Ph, 400V, 50Hz |
| Module-R, Type 10-T-x | 10 / 3.0 | 7 | 2000 | Type 5 | 3Ph, 400V, 50Hz |
| Module-R, Type 12-T-x | 12.5 / 3.5 | 7 | 2000 | Type 5 | 3Ph, 400V, 50Hz |
| Module-R, Type 15-T-x | 15 / 4.0 | 10 | 2500 | Type 6 | 3Ph, 400V, 50Hz |

* ambient +55 °C / inside +35 °C

** optional electric heating

| Housing / Application | Height mm | Length mm | Width mm | Weight kg |
|-------------------------|--------------|--------------|-------------|--------------|
| Container | | | | |
| Type 1 / vertical (V) | 1500 | 600 | 500 | 170 |
| Type 1 / horizontal (H) | 750 | 1200 | 500 | 170 |
| Type 1 / deep (D) | 750 | 600 | 1000 | 170 |
| Type 1 / split (SP)* | 750 / 310 | 600 / 1800 | 500 / 1000 | 100 / 70 |
| Type 2 / vertical (V) | 1500 | 800 | 500 | 200 |
| Type 2 / horizontal (H) | 750 | 1600 | 500 | 200 |
| Type 2 / deep (D) | 750 | 800 | 1000 | 200 |
| Type 2 / split (SP)* | 750 / 310 | 600 / 1800 | 500 / 2200 | 120 / 80 |
| Type 3 / vertical (V) | 1800 | 800 | 700 | 240 |
| Type 3 / horizontal (H) | 900 | 1600 | 700 | 240 |
| Type 3 / deep (D) | 900 | 800 | 1400 | 240 |
| Type 3 / split (SP)* | 750 / 310 | 600 / 1800 | 700 / 2200 | 150 / 90 |
| Tent | | | | |
| Type 4 / horizontal (C) | 900 | 660 | 1000 | 170 |
| Type 4 / split (SP)* | 900 / 900 | 660 / 660 | 500 / 500 | 100 / 70 |
| Type 5 / horizontal (C) | 900 | 860 | 1000 | 200 |
| Type 5 / split (SP)* | 900 / 900 | 860 / 860 | 500 / 500 | 120 / 80 |
| Type 6 / horizontal (C) | 1050 | 860 | 1400 | 240 |
| Type 6 / split (SP)* | 1050 / 1050 | 860 / 860 | 700 / 700 | 150 / 90 |

* Condensator Module / Evaporator Module

All rights for technical modification reserved.

Weiss Umweltechnik GmbH

Greizer Straße 41-49 ▸ 35447 Reiskirchen ▸ Germany ▸ Phone +49 6408 84-0

www.weissdefence.com