



# Weiss Module-R

Ultimate Cooling Solution for your Tents  
and Containers

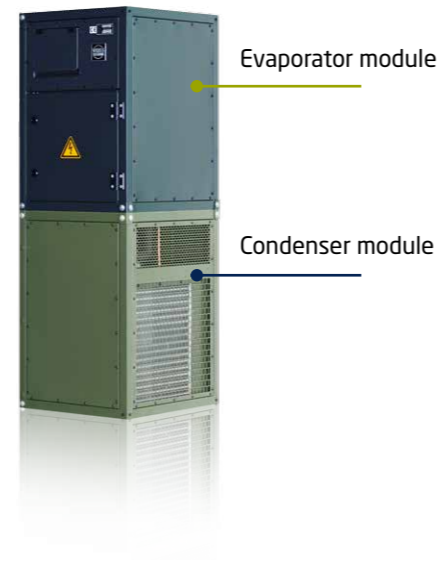


Reliable · Versatile · Innovative · Compact  
Easy to operate · Service Friendly

## Weiss Module-R

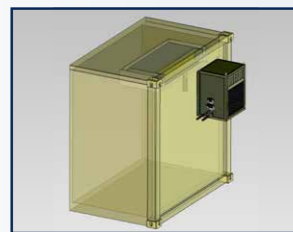
The system consists of Compact Evaporator, Condenser Module and Weiss Control Unit that can be configured in order to obtain full range of air conditioning needs for military tents and containers.

- 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

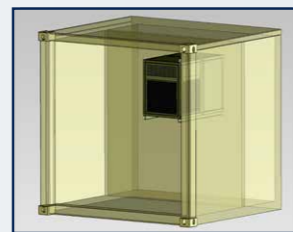


## Advantages of the modular construction

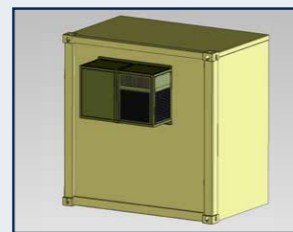
- Easily customized to meet operational requirements and budget
- Reduces setup, operation and service time
- Decreases spare parts cost and documentations
- System easily upgradable for future needs
- All Weiss Module-R products can interact using the Weiss Defence Control Unit (WDCU)



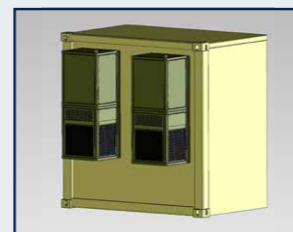
Split-System SP



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



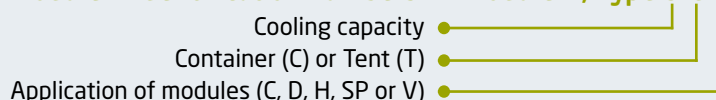
Option 1

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
<b>Container</b>					
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
<b>Tent</b>					
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
<b>Container</b>				
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
<b>Tent</b>				
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

\* Condensor Module / Evaporator Module

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