

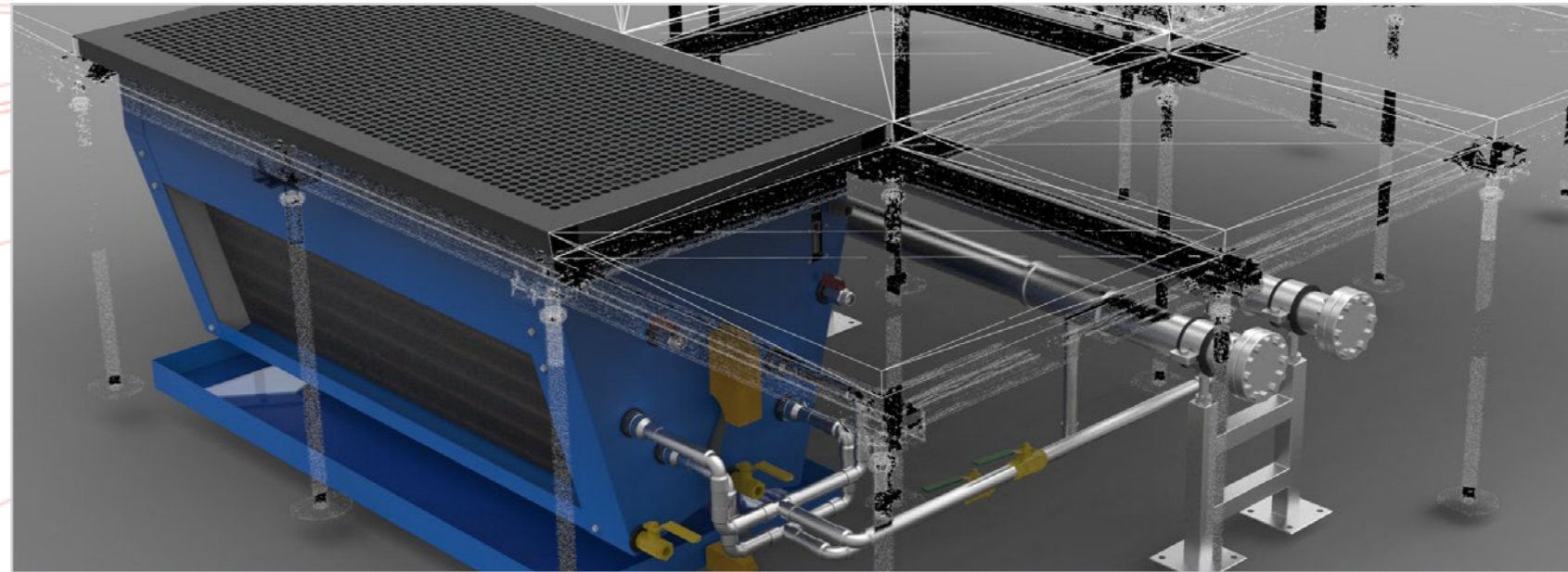
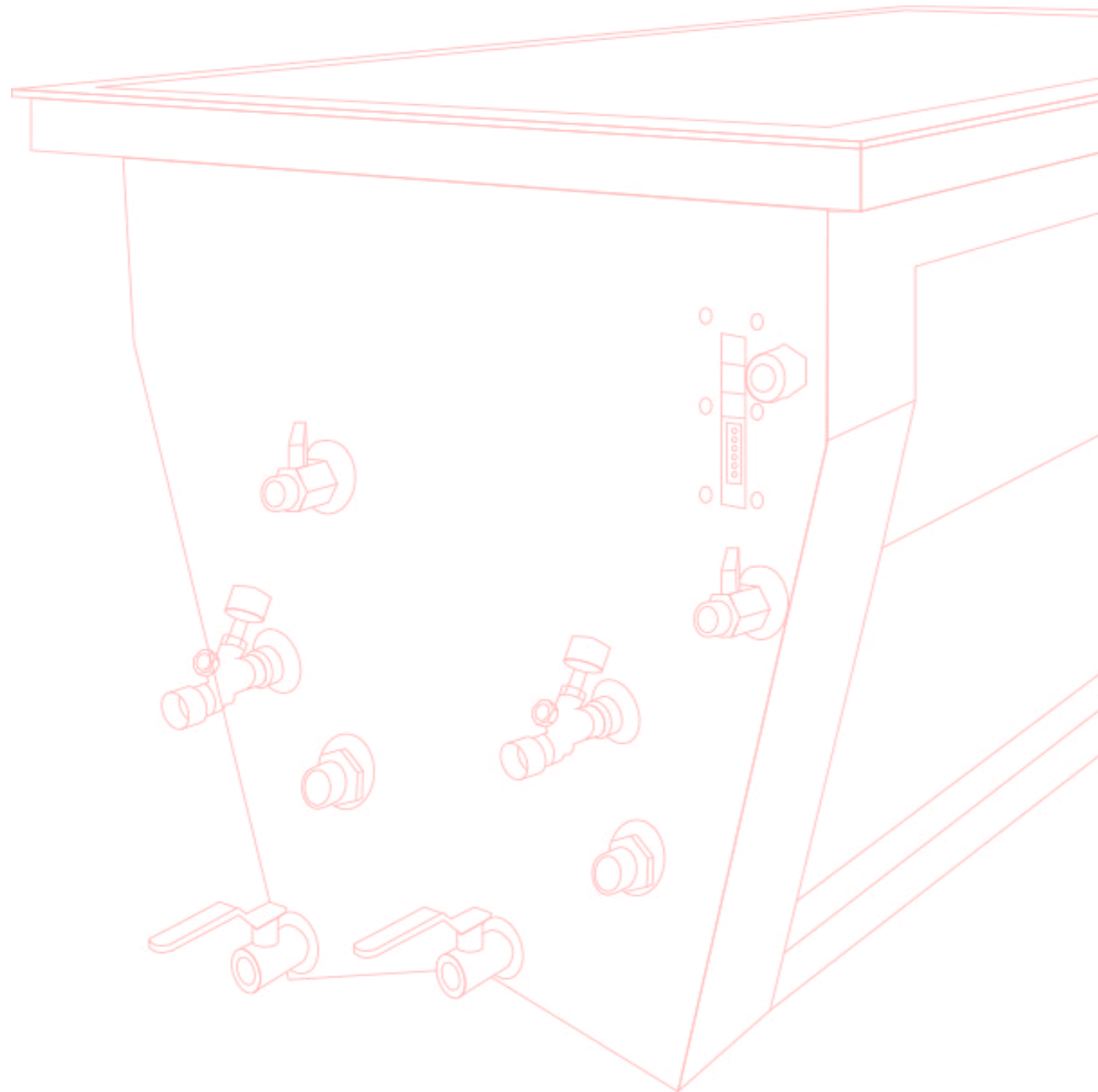


HydrLogic panel

WATERCHILLED
RAISED FLOOR PANEL



HydroLogic panel



Consisting of two heat exchangers and four EC-fans with a free cross section of 44%, the panels can be placed in the hot or cold aisle, pulling or pushing the air.

Certified according to DIN EN 12825 for load capacities of 3 - 5 kN.

To avoid static charges the raised floor panels are coated with conductive powder.

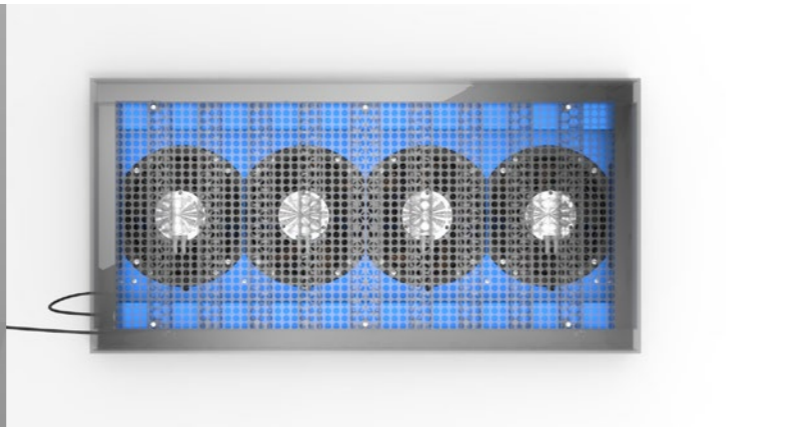
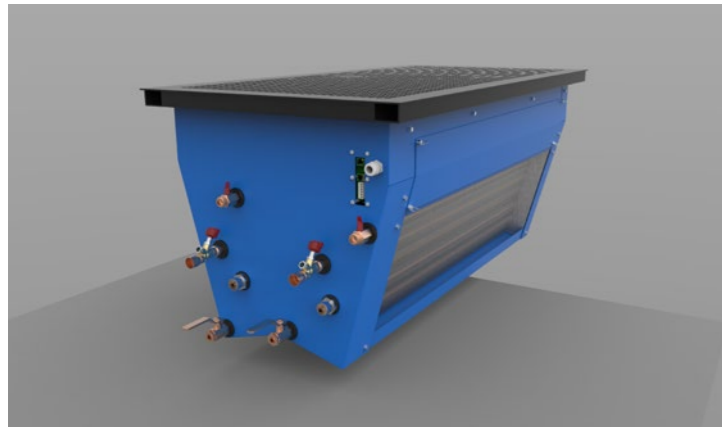
Existing floors can quickly, easily and flexibly be changed.

Depending on the spread of the flow temperature on water and air side, benefits up to 50 kW are possible. The panel is also available as direct evaporator version.

The fans react automatically on temperature changes in server cabinets and lower or raise the volume of air in dependence of preset temperature values.

The regulation of the plate is done individually using the built-in control.

The Hydrologic Panel can be equipped with the same coverings as the rest of the raised floor.



TECHNICAL DATA

Panel

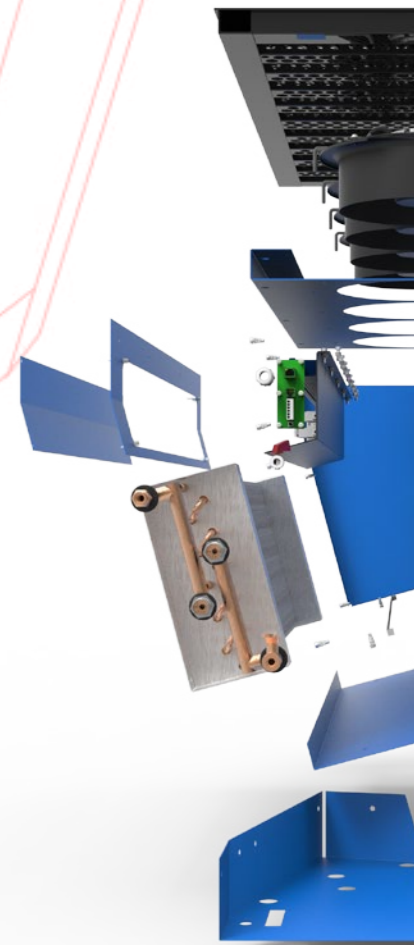
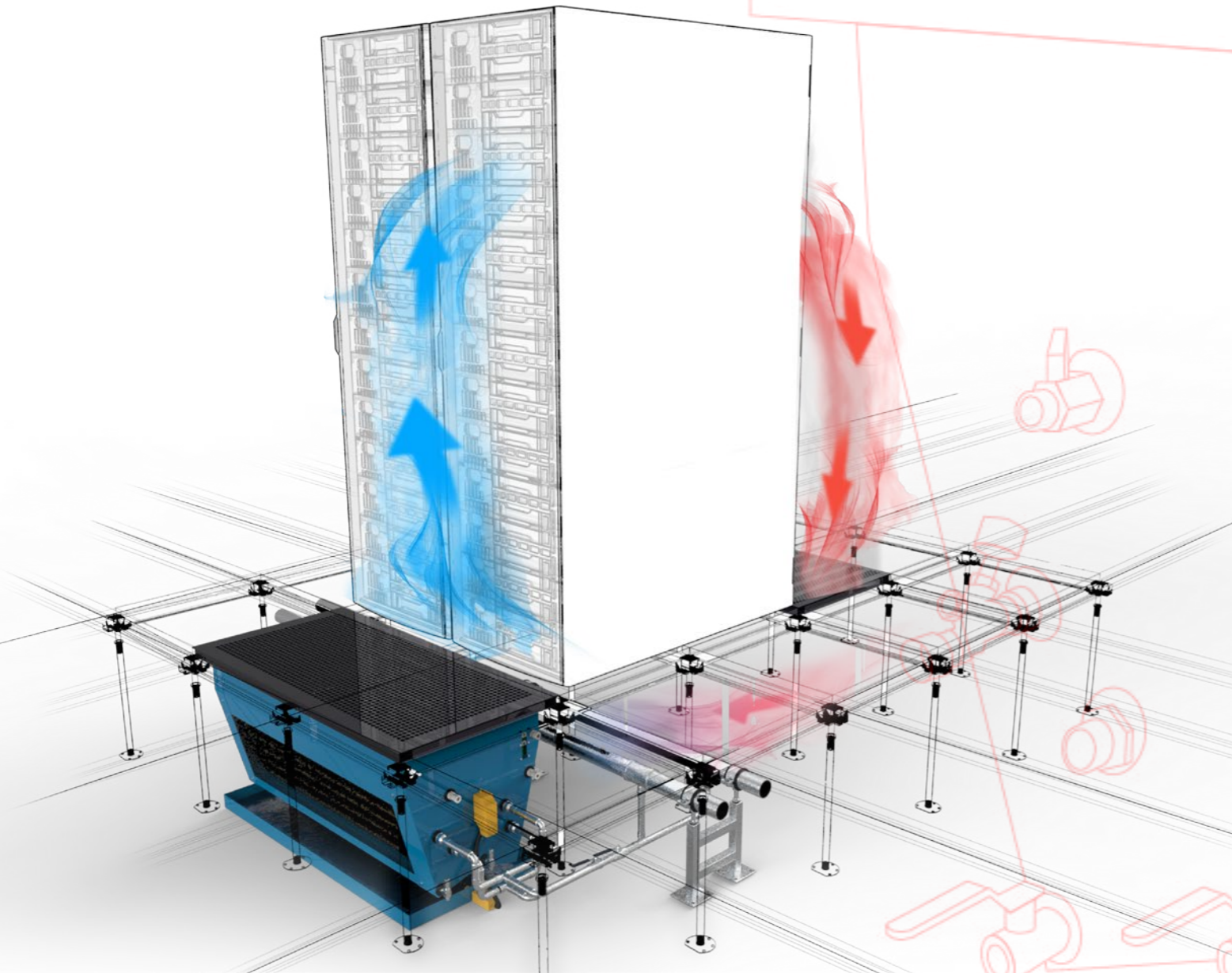
Admeasurement	600 x 1200 mm
Thickness	535 mm, without cover
Topside	PVC, HPL, rubber
Bottomside	EC-fan
Weight	80 kg
Material	Powder-coated steel
Building material class	A1
Free air outlet	44%
Resistance to ground	< 10 ⁸ Ohm (Depends on coverings)

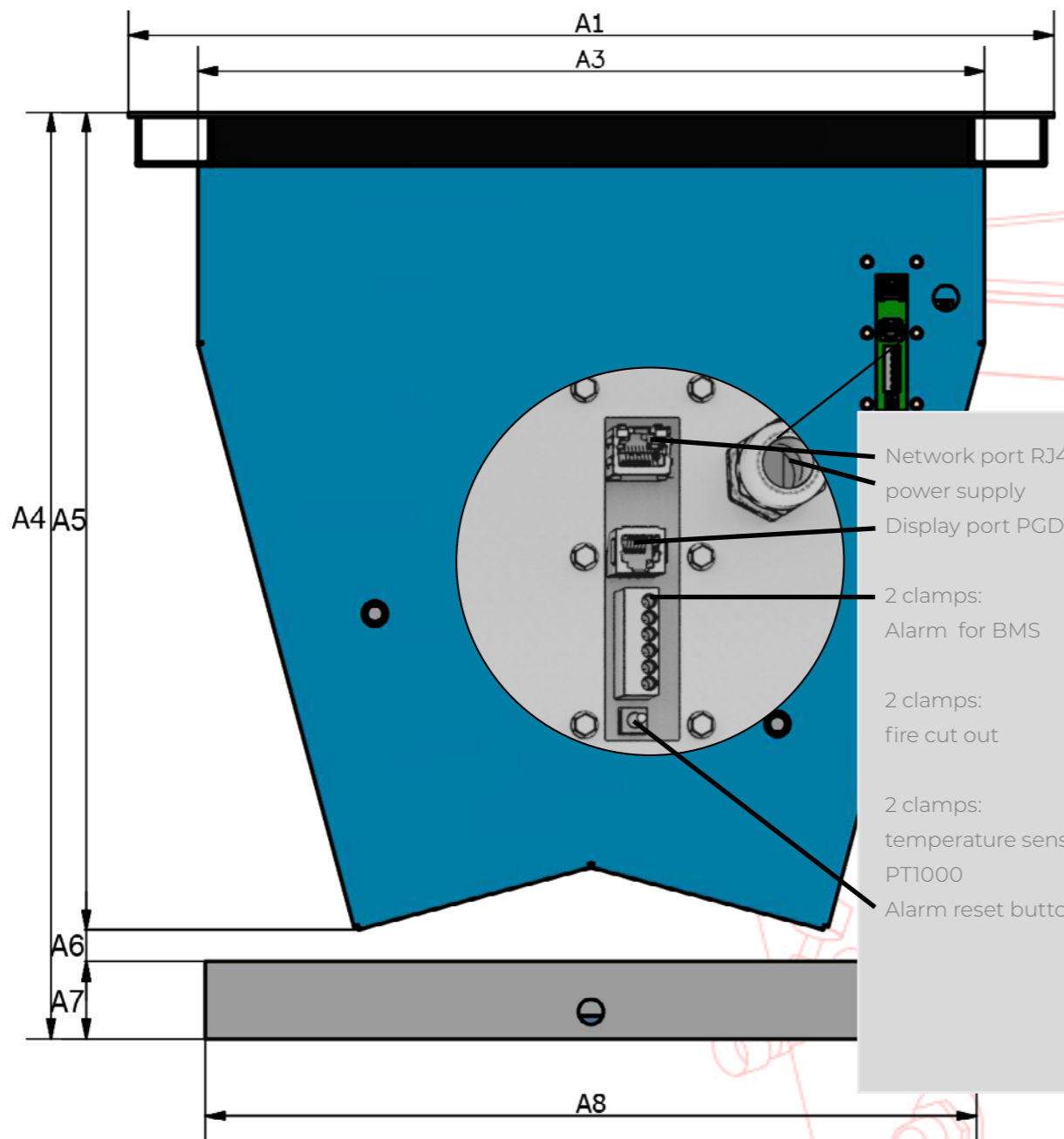
Load bearing capacity

Point load	3 kN
Ultimate load	> 6 kN
Heights	600 - 2000 mm

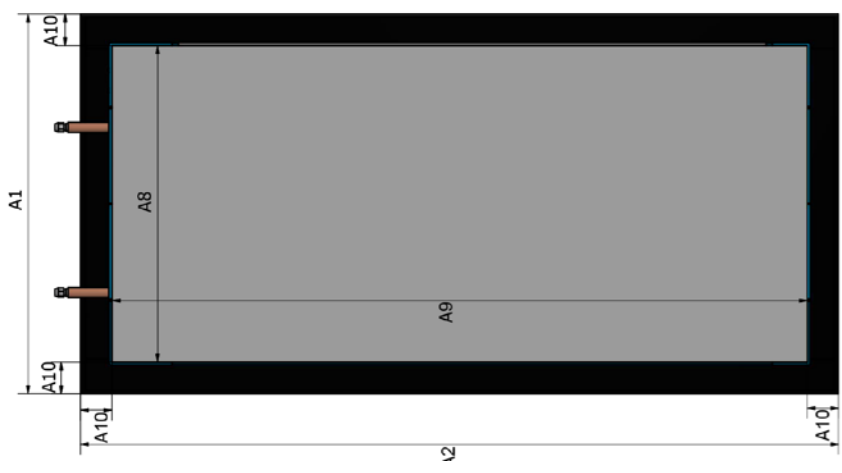
Performance

Cooling capacity	40kW
Voltage	230 V
Power consumption	720 W
Spread water	12°C / 18°C
Water volume	5,5 m ³ /h
Supply temperature	21° - 30°C
Water connector	1/2"
Max Pressure	16 bar
Pressure loss	1 bar max
Cooling media	Mezcla de agua o glicol

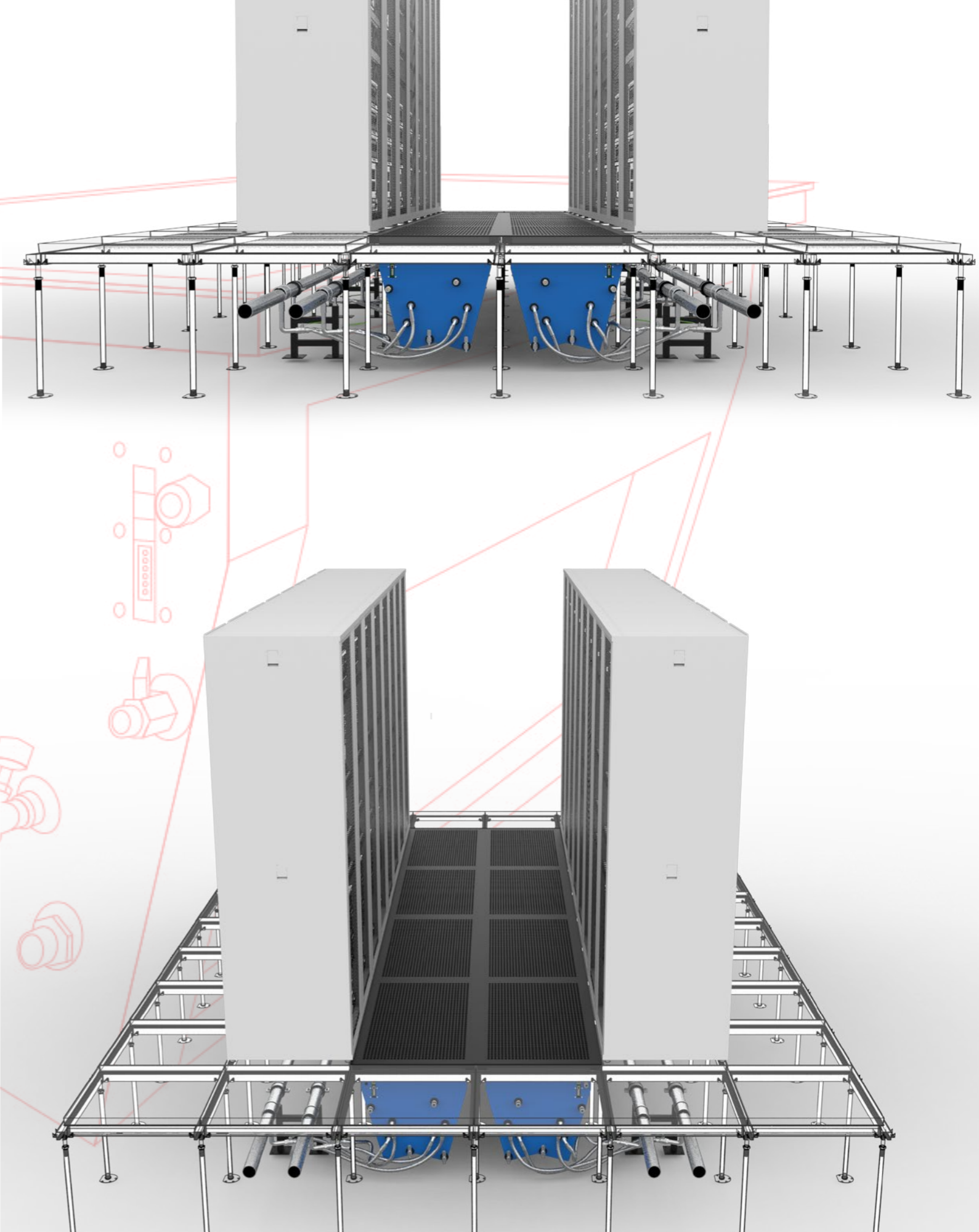




- Network port RJ45
- power supply
- Display port PGD1
- 2 clamps:
Alarm for BMS
- 2 clamps:
fire cut out
- 2 clamps:
temperature sensor
PT1000
- Alarm reset button



- A1 600 mm
- A2 1200 mm
- A3 510 mm
- A4 600 mm
- A5 530 mm
- A6 20 mm
- A7 50 mm
- A8 500 mm
- A9 1100 mm
- A10 50 mm



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