

# Large Size Data Center

**Cooling capacity:** 2 500 kW

**Aim:** Operational safety

**Cover the cooling needs:** 15-20 mins



## Design parameters

Aim of HeatTank: Operational safety

Cooling capacity: 2 500 kW

Cooling cost: 1 322 000 EUR/year

Free-cooling: YES

Desired inner temperature: 22-24°C

Cooling temperature level: 7/12°C

Location: Budapest, Hungary

Electricity price: 0,1 EUR/kWh

## Solution

14 pieces of HeatTank 50-1

Cover the needs for 15-20 mins alone

Total cost of the system: 224 000 EUR

# HeatTank

## Type: HeatTank 50-1

Capacity [kWh]: 50

Max. performance [kW]: 200

External Volume [m<sup>3</sup>]: 1,84

Connections [DN]: 42

Total weight [kg]: 1 516



# Benefits



## Higher certification

Higher Tier certification may be targeted through increased operation measures. With higher certification the data center could earn more on leasing: 100 000 EUR/year



## Backup cooling

Backup cooling available to bridge restart downtime in case of blackouts. (The restart of the newest cooling systems take min 5 minutes, which could be critical.)



## Remote control

Visualized energy reports on monthly base to follow the energy saving.

Save your data and equipment!  
Cover the total cooling needs for 15-20 mins.