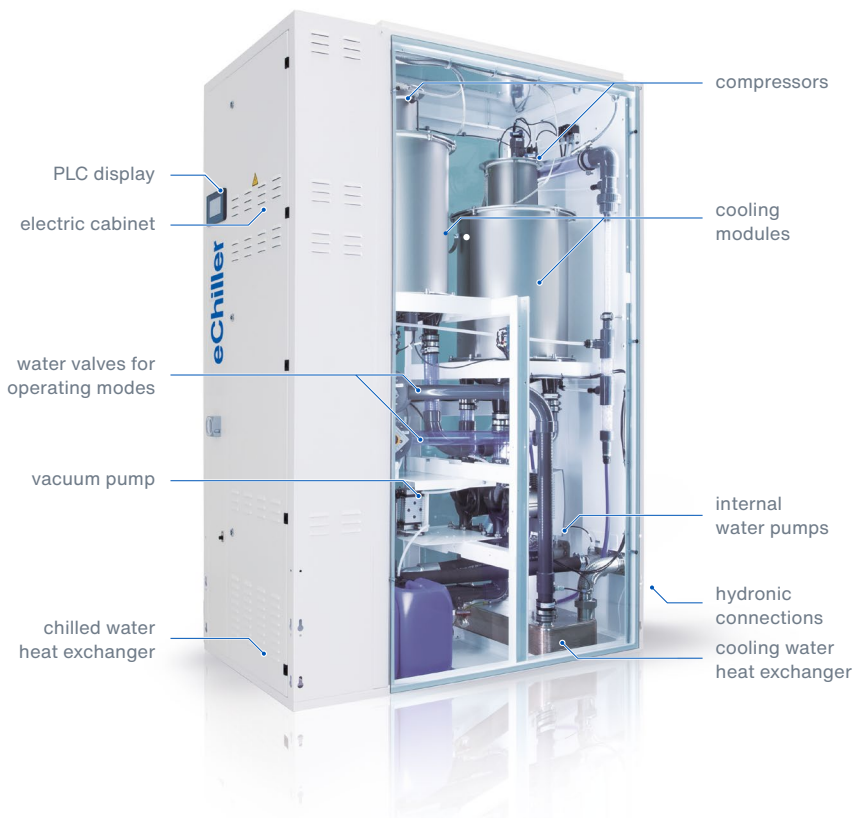


eChiller35 / eChiller45

Clean cooling with water as refrigerant

**EN378
does not
apply**



- F-gas free**
- 100% water**
- 0% GWP**

**Cooling capacity
up to 45 kW**

Bluezero® inside

Dimensions and weight
Dimensions: 1.300 mm x 700 mm x 1.980 mm
Operating weight: 570 kg

Key Benefits of the eChiller series

Future-proof

- 0 % direct CO₂ emissions
- No regulations

Operational Safety

- Odourless, not flammable nor toxic
- Low maintenance effort
- Unrestricted installation

Profitability

- Refrigerant at low cost
- Eligible for State funding programs of natural

Energy Efficiency

- Stepless partial load control
- No starting currents
- Energy-optimized re-cooling system control

eChiller35 / eChiller45

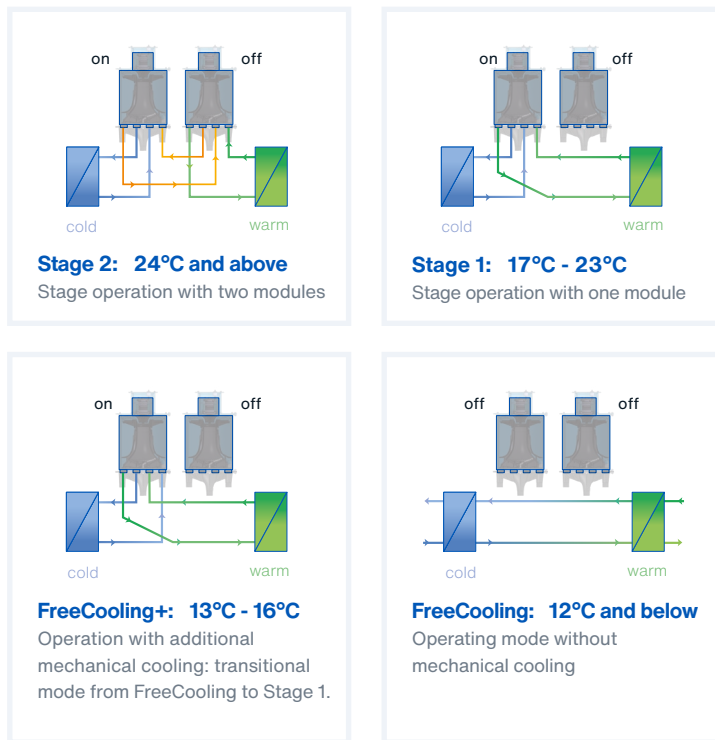
Features

- Cooling capacity: 20 kW to 45 kW
- Re-cooling: dry / adiabatic
- High partial loading efficiency
- Main-/Assist-control up to 10 units
- Integrated free cooling module

Areas of application

- Cooling of data centres and server rooms
- Industrial process cooling
- Machine and control cabinet cooling
- Cooling in buildings

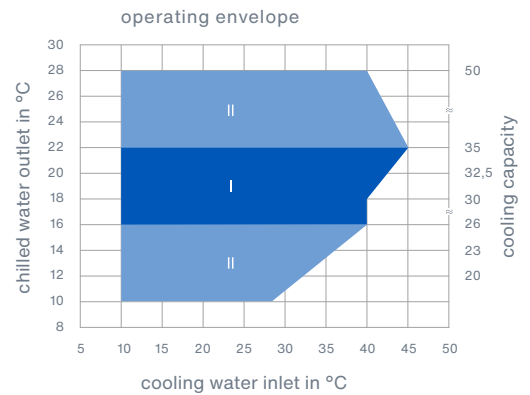
Operating modes and ambient temperatures



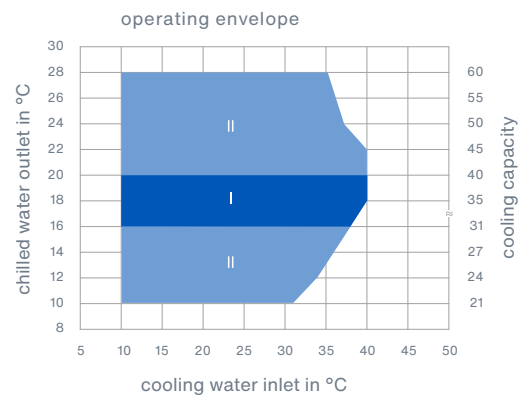
*All temperature values refer to a chilled water outlet temperature of 18°C

Operating limits

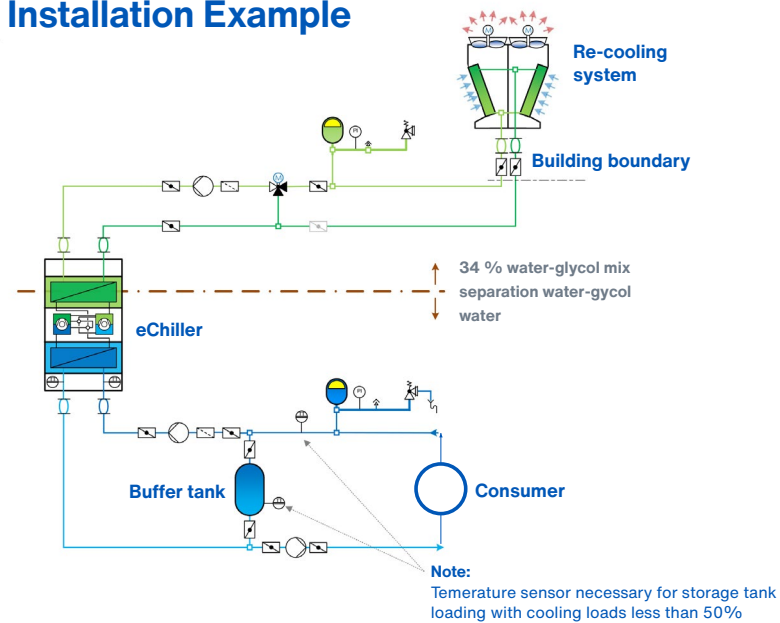
eChiller35-II



eChiller45-II



Installation Example



Find out more about the eChiller's successful use in a wide range of customer projects efficient-energy.de/en/references