

# 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<sup>®</sup> 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 CO<sub>2</sub> 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 refrigerants

### Energy Efficiency

- Stepless partial load control
- Low starting currents
- Energy-optimized re-cooling system control

## eChiller35 / eChiller45

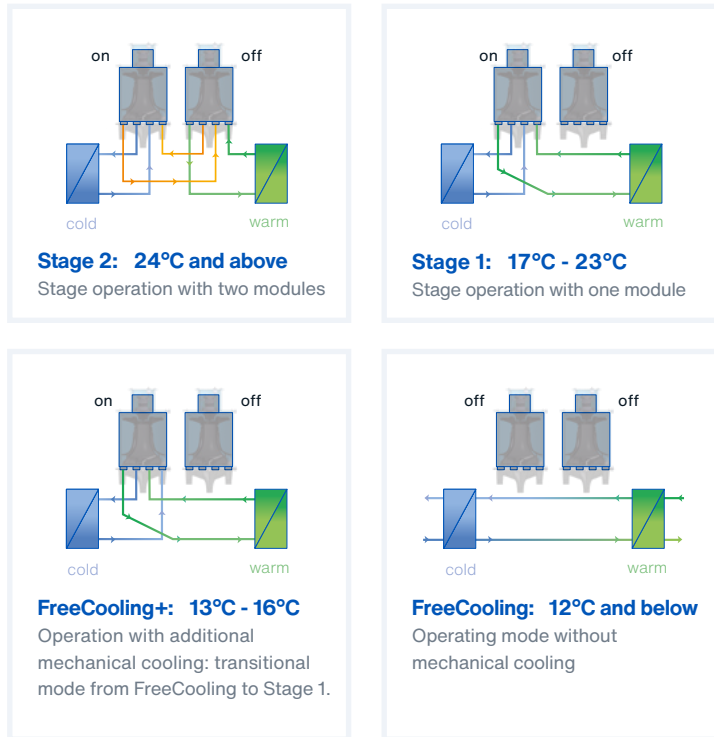
### Features

- 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

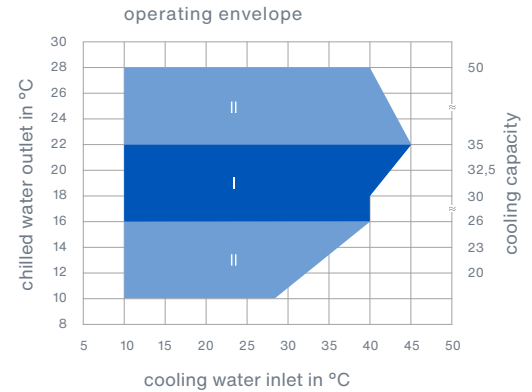
## Operating modes and ambient temperatures



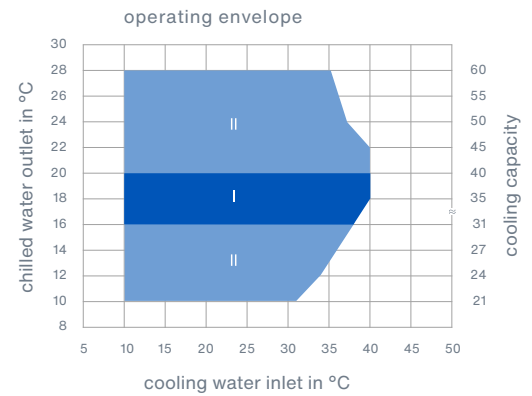
\*All temperature values refer to a chilled water outlet temperature of 18°C

## Operating limits

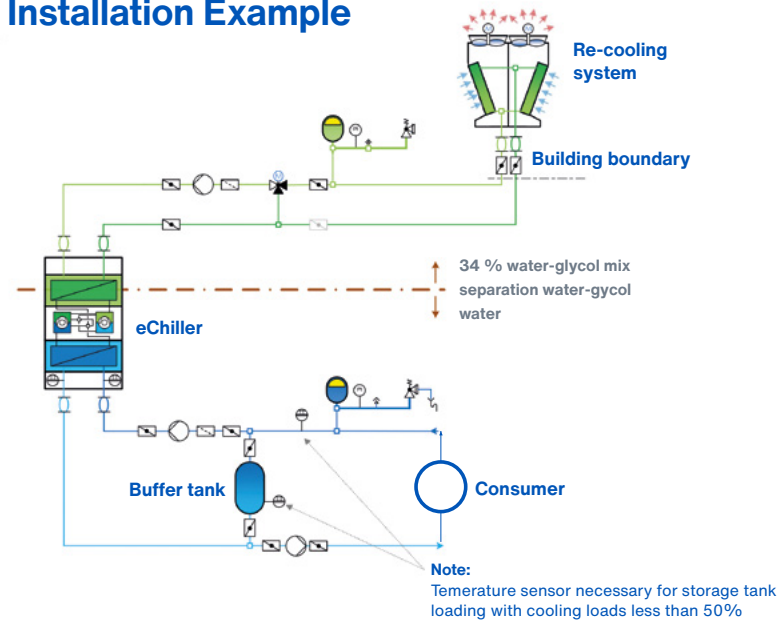
### eChiller35-II



### 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](http://efficient-energy.de/en/references)