

The eChiller120



presentation incl. all options

Bluezero[®] inside

Weights and dimensions

| | |
|-------------------------|----------|
| Height | 1,932 mm |
| Width | 2,015 mm |
| Depth | 900 mm |
| <hr/> | |
| Operating weight | 1,350kg |
| Transport weight | 1,160kg |

The eChiller120 Benefits at a Glance

Future-proof

- 0 % direct CO₂ emissions
- no regulations

Energy Efficiency

Energy savings of up to 82% through stepless adjustment and free cooling mode

- low start-up current
- energy-optimized re-cooling system control

Operational Safety

- odourless, not flammable nor toxic
- little maintenance effort
- unrestricted installation (frost-resistant)

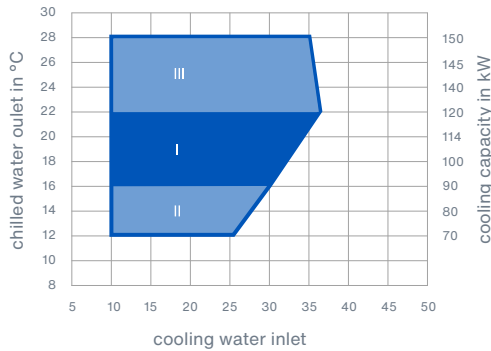
Profitability

- refrigerant available at low cost
- energy savings compared to a standard chiller up to 35 %

Options

- extended part load control
- sequential controller to enable multiple unit operation
- Cooling water / chilled water plant control
- energy consumption analysis and report

Operating Limits



Legend: ■ Operating limits

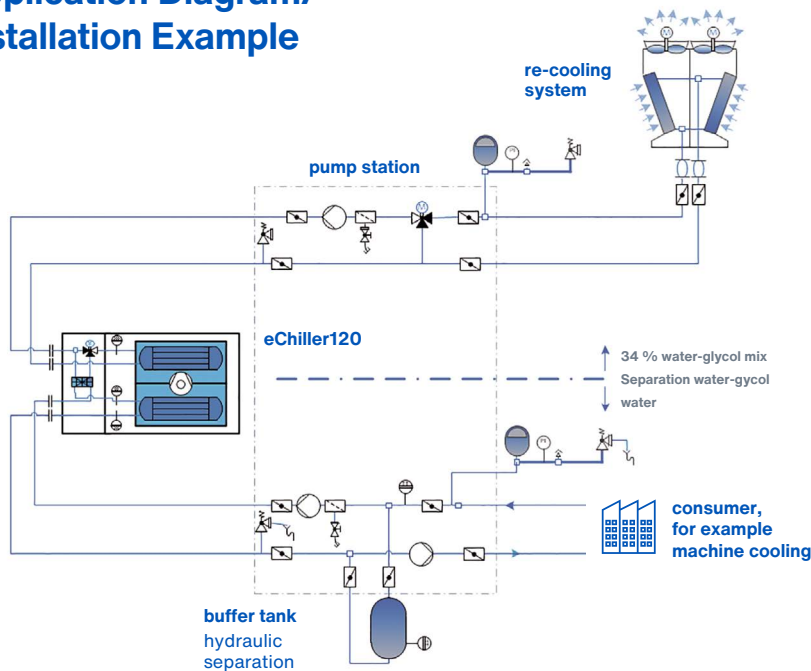
- I standard operating area
- II area I + optional condensation package
- III extended operating area upon request

Performance Values

| chilled water outlet | cooling water inlet | | | |
|----------------------|---------------------|--------------|-------------|-------------|
| | 20 °C | 25 °C | 30 °C | 35 °C |
| 12 °C | 70 kW 9 | 70 kW 7 | | |
| 14 °C | 80 kW 10 | 80 kW 8 | | |
| 16 °C | 90 kW 12 | 90 kW 9 | 90 kW 6 | |
| 18 °C | 101 kW 15 | 101 kW 10 | 101 kW 7 | |
| 20 °C | 114 kW 20 | 114 kW 12 | 114 kW 8 | 114 kW 7 |
| 22 °C | 121 kW 26 | 121 kW 14 | 121 kW 9 | 121 kW 7 |

■ cooling capacity ■ EER-values*

Application Diagram/ Installation Example



Find out everything about the new eChiller120 and how to apply the Blue^{zero}® technology in your installation. echiller120.efficient-energy.de/en

*values can differ depending from application, temperatures and other environmental conditions.
All technical data subject to change