

The eChiller120

100%
Clean
Cooling

0 GWP
Refrigerant

EN378
not
applicable



presentation incl. all options

Bluezero® inside

Weights and dimensions

Height 1.932 mm

Width 2.015 mm

Depth 900 mm

operating weight 1.350 kg

transport weight 1.160 kg

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, no flammable or toxic
- little maintenance effort
- unrestricted installation (as long as frost-free)

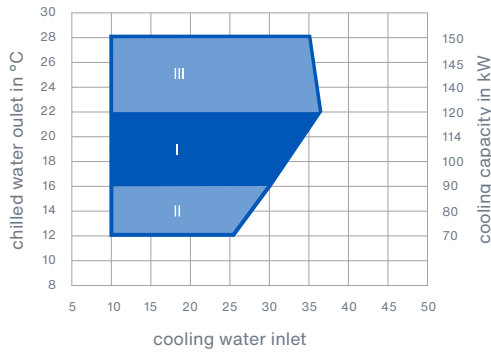
Profitability

- 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



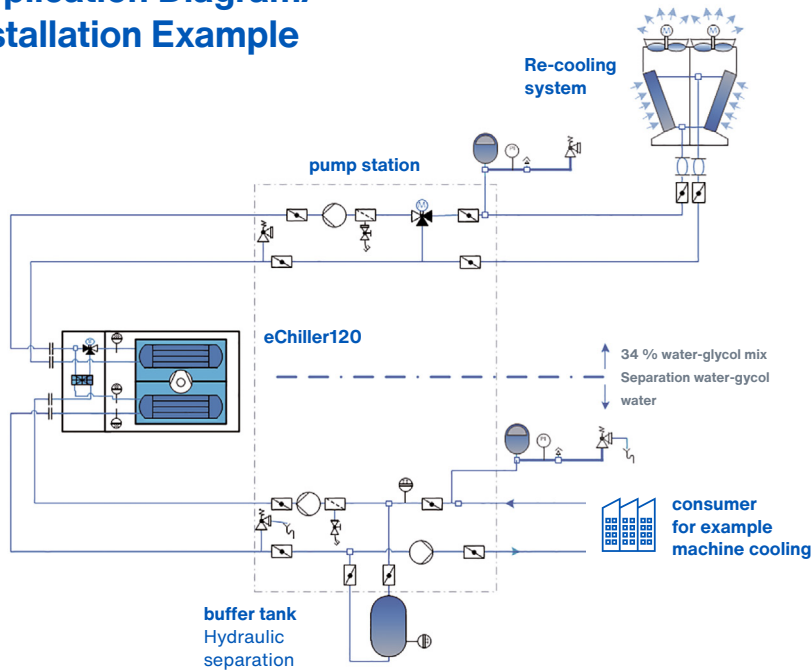
- Legend:
- Operating limits
 - I standard operating area
 - II area I + optional condensation package
 - III extended operating area upon request at Efficient Energy

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 data subject to technical changes