Recirculating Chiller F-305 / F-308 / F-314
The efficient way of cooling

The Recirculating Chiller F-305 / F-308 / F-314 are specifically designed to work with laboratory equipment such as rotary evaporators, parallel evaporators, Kjeldahl, and extraction products. You benefit from convenient central temperature setting, energy-saving ECO-mode, and automatic start/stop when used in conjunction with the Rotavapor® R-300 system.

Efficient
Optimized operating conditions by automatic adjustment of all process parameters

Ecological
Saves water, reduces emissions and conserves energy

Extendable
Seamless plug & play integration into a Rotavapor® R-300 system
Recirculating Chiller F-305 / F-308 / F-314
Key features and advantages
Seamless integration
Convenient temperature setting and control when integrated in a Rotavapor® R-300 system.

Navigation
Conveniently set the cooling temperature directly on the chiller or on the central Interface I-300 / I-300 Pro.

Optimal cooling
Operating with a Rotavapor® R-300 system, the vacuum is automatically adjusted to the heating and cooling temperature, maximizing the distillation performance.

Temperature lock
Lock the set temperature by pushing the navigation knob to avoid unintentional changes.

Eco-mode
The ECO-mode in conjunction with the interface saves energy and reduces heat emission by switching into a stand-by mode when not in use.

Water saving
A rotary evaporator typically consumes 40 liter of water per hour. Operating with a chiller this valuable resource is conserved.

Chiller performance depending on the temperature
Use the performance chart to choose the right chiller for your application.
Example: Distillation with one rotary evaporator requires about 400 W of power.

1. Distillation with one rotary evaporator at 10 °C → F-305
2. Distillation with one rotary evaporator at 0 °C → F-308
3. Distillation with two rotary evaporators at 5 °C → F-314
F-305 / F-308 / F-314: Your most important benefits

**Efficient**
- Efficient distillation due to complete integration into the BUCHI rotary evaporation system
- Saves time thanks to instant start with automatic and dynamic pressure adjustment without waiting until chiller reaches its set temperature

**Ecological**
- ECO-mode: saves energy and reduces heat emission by switching into a stand-by mode when not in use
- No water consumption
- Maximizes distillation capacity while reducing solvent emissions due to intelligent integration of all process parameters using the Interface I-300 / I-300 Pro

**Interactive**
- Seamless plug & play integration into:
  - Fully automated BUCHI Rotavapor® R-300 systems including all process parameters
  - BUCHI extraction and Kjeldahl solutions

Complete your portfolio

Rotavapor® R-300
Convenient and efficient rotary evaporation

Multivapor™ P-6 / P-12
Efficient evaporation for multiple samples

Extraction Systems B-811 / B-811 LSV
Universal extraction

KjelMaster System K-375 / K-376 / K-377
Steam distillation, titration and auto sampling

www.buchi.com/laboratory-evaporation