



EBARA

DIRECT-FIRED ABSORPTION CHILLER-HEATER

MODEL RGD SERIES(150USRT – 500USRT)

MODEL RGDA SERIES(580USRT – 2000USRT)

“Model 000” in the catalogue is our model code.

High Efficiency

Model RGD COP=1.22(Base on Low Calorific Value)

Model RGDA COP=1.3(Base on Low Calorific Value)

- Dual stage evaporator and absorber can reduce solution flow rate and increase the cycle efficiency; (Model RGDA)
- Equipped with VFD(Solution Pump), which can improve chillers partial load performance

Value engineering technology(Model RGDA)

- Evaporator is located in the center of the shell → reduces cold insulation area;
- The circular structure of the Absorber bottom → reduces solution volume;

Intelligent Control System Powerful control panel

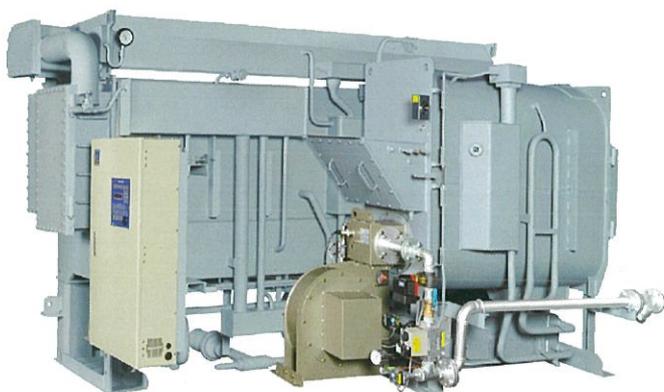
- ◆ Communication Function Modbus RTU communication protocol option
 - ◆ Self-diagnosis and fault-avoiding function *Avoid overload operation *Avoid crystallization *Fuel auto check
 - ◆ Measure for Power Failure If the power failure time is within 10 minutes, the chiller can restart automatically while the power recovery.
 - ◆ Variable frequency control signal for of Cooling Water Pump and Chilled Water Pump (Chilled Water Pump is option)
- Modbus is trade mark of Schneider Electric

Advance technology based on over 50years experience

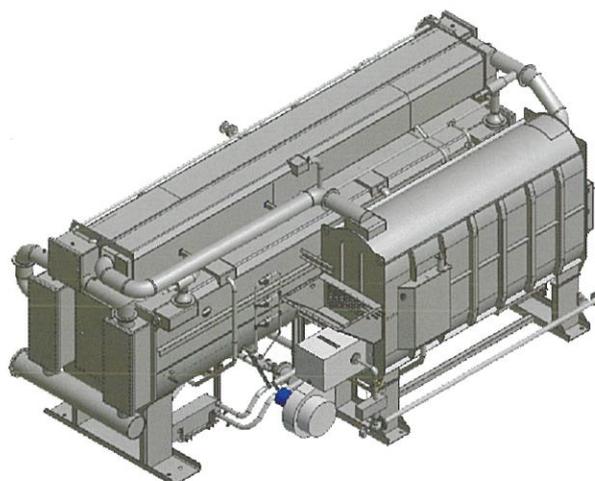
- ◆ We supplied absorption chiller over 50 years to all over the world

Wide application

Chilled water outlet temperature can be 5 °C to 20 °C



Model RGD



Model RGDA

Convenient Maintenance

- ◆ The rear smoke chamber cap of high stage generator is with hinge, which is convenient to check; (Model RGDA)
- ◆ Cooling water box is marine type, No need to disconnect a pipe for tube cleaning;
- ◆ Stop valves In/Out of Solution Pump and Solution Spray Pump are standard(depend on model), while is optional for other pumps, which can keep the absorption chiller vacuum during maintenance; (Model RGDA)
- ◆ Equipped with Auto-purge system, by purge pump 0.75kW that can also be used for initial vacuum condition and after-maintenance; (Model RGDA, Model RGD option)

EXPORT CONTROL

Purchaser/End-User acknowledges and understands that Supplier maintains its own export control and complies with applicable export control laws and regulations including Japan's Foreign Exchange and Foreign Trade Control Law and U.S. export control laws and regulations with respect to the Products and Purchaser/End-User shall fully cooperate with implementation of such Supplier's export control.



EBARA CHILLERS

<http://www.ers.ebara.com/en>