
RHYCOOL

HYGIENIC WATER CHILLER

Falling film chiller



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Clean and safe in accordance with GHP standards.

Minimize contamination with a well-designed, easily cleaned, and sanitized.

Reduce working time by up to 3 times while maintaining freshness with a cooling temperature of 0.5 degrees Celsius.

Efficiently reduce preparation time for temperature reduction processes and product chilling. Maintain product freshness quickly with a chilling machine operating at a low temperature of 0.5-2.0 degrees Celsius.

Reference: Chiller Cooling Process.

Guaranteed leak-proof sheet for a duration of 1 year.

With over 30 years of experience and ice-making plates produced by state-of-the-art Laser Weld machines, each plate is meticulously designed and strength-tested according to ASME standards. It undergoes testing at pressures exceeding 1.3 times the design pressure for durability assurance.





Trust in the globally recognized standard quality.

ISO 9001:2015 certified quality management systems, and utilizing stainless steel Grade 304, our water chilling machines are manufactured by reputable producers adhering to global standards. They meet the stringent criteria of international standards such as ASTM and ASME.

Save up to 20% with GHP standard water tanks.

Prefabricated water receiving tanks, designed to GHP standards, can accommodate water chilling machines without the need for separate procurement. This results in a fast and cost-effective solution, saving more than 20%.

Referenced from: Reducing expenses in design, manufacturing, and installation processes.

Note: Prefabricated water receiving tanks are additional features."



Chilled and clean water at a low temperature of 0.5 degrees Celsius.

A water chilling machine that brings water temperature close to 0 degrees Celsius, allowing for a maximum reduction of production preparation time by up to 3 times.

Chilled and clean water at a low temperature can effectively preserve the quality of raw materials.

Reducing the temperature to preserve the quality of raw materials. ---



Cleaning and Temperature Reduction for Poultry



Cleaning and Chilling Fresh Seafood



Cleaning Fruits and Vegetables

Cooling temperature after the sterilization process. ---



Milk Production



Beverage Production



Production of Liquid Seasonings

Enhancing food processing production processes

with a cold-water system in compliance with food production standards.

GHP (GOOD HYGIENE PRACTICE)

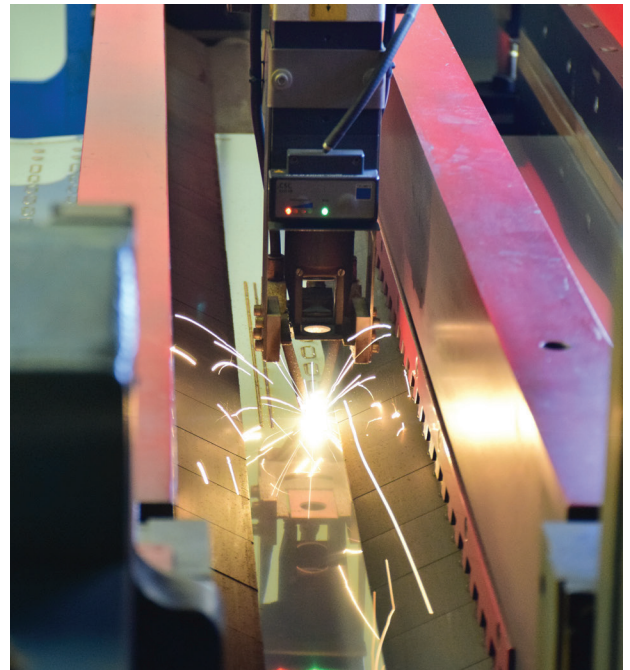
- **Non-toxic to food**, made of smooth-surfaced, corrosion-resistant Stainless Steel 304, resistant to corrosion.
- **Free from external contamination**, with a tightly sealed unit.
- **Reduce bacterial accumulation with a compact**, low-profile design to minimize corners.
- **Thoroughly clean, sanitize, and disinfect** from all angles, as it allows comprehensive cleaning with its open design.
- **Clean cold water with low temperature**, suitable for use in food production and direct contact with food.



Guaranteed leak-proof sheet for a duration of 1 year.

Produced with state-of-the-art Laser Weld technology from Europe

Engineers with over 30 years of expertise and experience in Falling Film production, coupled with advanced Laser Weld technology from Europe, play a crucial role in designing and manufacturing with precision. Every sheet of the chilling plate undergoes rigorous strength testing, designed to ASME standards and subjected to testing pressures exceeding 1.3 times the standard. We are confident and committed to guaranteeing each sheet's non-leakage for up to 1 years.



International Standard Quality



Proven Quality Stainless Steel Grade 304

The Stainless-Steel Grade 304 used in the production of refrigeration equipment comes from a reputable manufacturer with a proven track record, meeting global standards through ASTM and ASME international standards. Quality engineers oversee the manufacturing process and quality inspection, utilizing tools such as Positive Material Identification (PMI) to differentiate chemical components and verify that the stainless steel used meets ASME standards as specified.

Additional Features

Cooling Water Basin, GHP Standard, reduces installation costs and saves 20% on energy consumption.

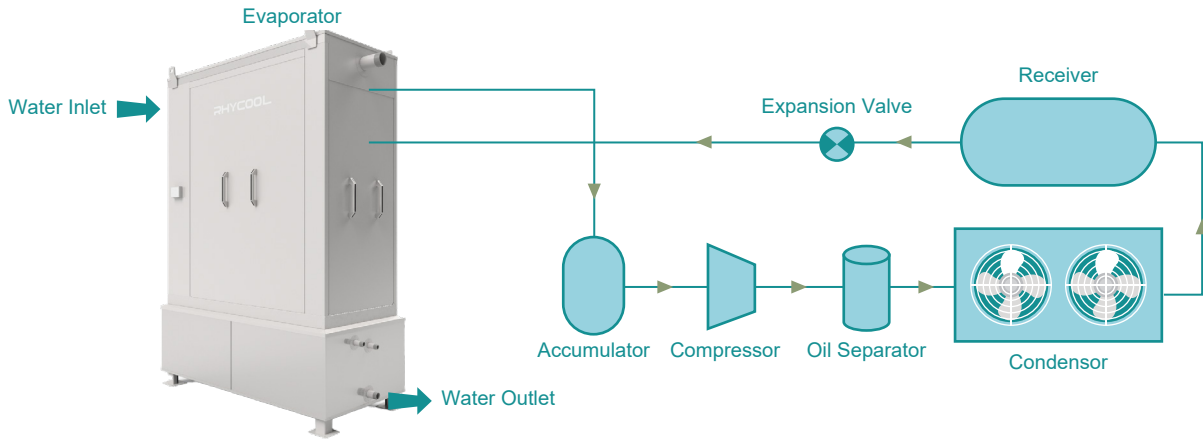
No need to spend time on design and installation with a ready-made insulated GHP Standard Cooling Water Basin. It helps maintain a stable temperature for chilled water and can be installed to support chilling equipment without the need for any tools.



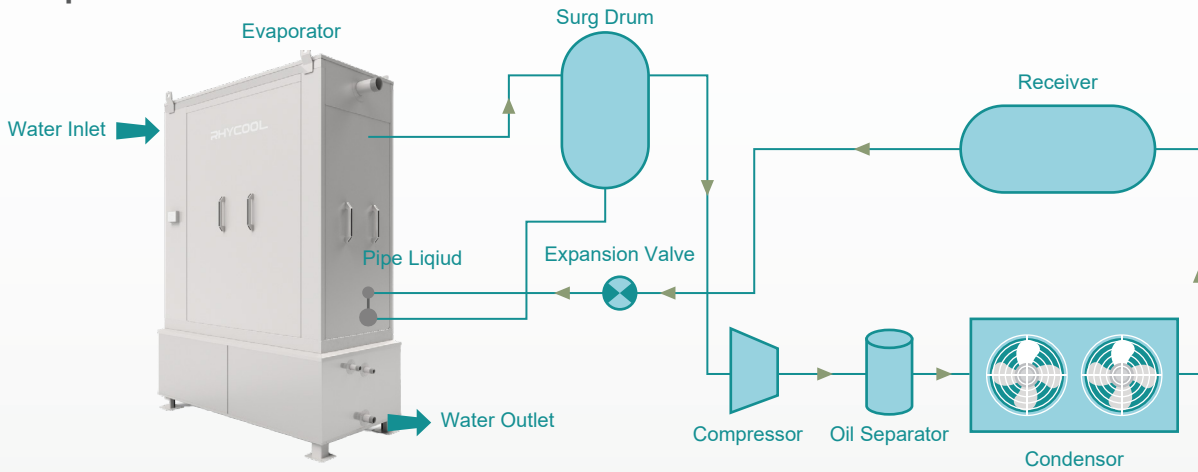
Water basin equipped with a float control device for water level management.

Specification

DX Operation

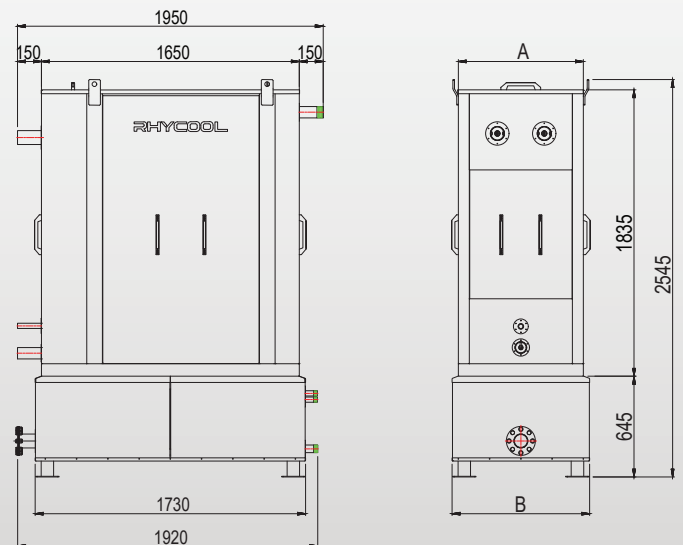


Flooded Operation



Dimension

| Operation | Model | A (mm) | B (mm) | Empty Weight(kg) | |
|-----------|-------|--------|--------|----------------------|-----------|
| | | | | Falling Film chiller | Sump Tank |
| DX | FR3-1 | 500 | 580 | 610 | 150 |
| | FR3-2 | 800 | 880 | 920 | 170 |
| | FR3-3 | 1,100 | 1,180 | 1,270 | 200 |
| FF | FR3-1 | 500 | 580 | 620 | 150 |
| | FR3-2 | 800 | 880 | 930 | 170 |
| | FR3-3 | 1,100 | 1,180 | 1,300 | 200 |
| | FR3-4 | 1,400 | 1,480 | 1,640 | 230 |
| | FR3-5 | 1,750 | 1,830 | 2,100 | 260 |



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