

Innovation
**Hot Water Driven-HWD
Refrigeration System**

LATEST REVOLUTION



WWW.DYREFRIGERATION.COM

POWERED BY

**ADSORPTION
TECHNOLOGY**



DY-HWD-12000

Model: DY-HWD-12000
Capacity: 14kW/12000kcal/47616Btu
Water inlet temp.: 98°C/208°F
Water outlet temp.: 93°C/199°F
Water flow rate: 6.3 m³/h
Lowest cooling Temp.: -25°C/-13°F

Low temperature of heat resource

DY-HWS Refrigeration System powered by heat energy without oil or electricity as main power .The heat energy over 90°C/194°F ,including hot water ,steam ,oil , surplus heat and waste water in industry can achieved refrigeration in effectively .

Convenience in use and simple in installation

It is auto-controlled and no need of professional people .The dragging unit core can be separated from the shell, so the installation and maintenance become easier.



Industrial

Residential

Commercial

Wide application

DY-HWD refrigeration system can be used widely in industry ,agriculture , military ,commerce and household appliances and it can keep the refrigeration effective in moving state ,for instance , fishing vessel and fleet .Moreover ,it can be used in cold storage ,icemaker ,icebox and air-conditioning .

Safety

DY-HWD without moving part in ammonia system can minimize the relative possibility of ammonia leakage .In most parts , antiseptic stainless steel are utilized .DY ammonia safety unit would spray water automatically and eliminate hidden trouble in case of ammonia leakage .

Wide range of refrigeration temperature and good refrigeration effect

The cooling temperature available is -25°C/-13°F . The refrigeration performance can hardly be influenced with the refrigeration temperature decreasing. Refrigeration capacity is adjusted between 10% and 100%.

Design with the model of 1+1=2

The groups of unit can be connected in parallel so as to satisfy the different requirements of customer.



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