



HYDROCARBON R-1270/R-290 NATURAL REFRIGERANT CHILLERS



Warner's Fish Freezer Unit –
100kW LT S/S



Thanet Earth, Kent, UK



Mega Co, Bucharest

SRS FRIGADON LTD PRESENTS THE FUTURE GENERATION OF ENVIRONMENTALLY FRIENDLY CHILLERS

Frigadon has developed a range of totally environmentally friendly packaged air and liquid cooled chillers using the natural hydrocarbon refrigerants.

This range of chillers has now been extended to cover capacities between 10 to 600kW+ in a range of flow temperatures for air conditioning and cooling applications.

Low temperature freezer chillers up to 125 kW @ -31°C flow temp are also available. All units are weather protected and can be sited outdoors in temperatures between -20°C and +40°C.

Units are supplied with the latest micro processor controllers where multiple circuit systems have automatic run time equalisation between compressors and are BMS communication compatible.

PACKAGED UNITS WITH A COMPLETE SPECIFICATION

Never before has it been so easy to install and commission a chiller. All units come with complete controls and electrics as well as a built-in hydraulic kit with inverter drive circulation pump. Just connect the power supply and the flow/return pipes on the brine side and you are ready to go. All units are available in a total Stainless Steel construction for use with Hycool Potassium Formate fluids.

SRS Frigadon believes in tailoring our units to the client's requirements, therefore all chillers are bespoke with a multitude of options available to suit any project.

These include built in twin circulating inverter pumps or external pump stations, remote internet based controller access, our pump energy optimisation system (PEO), twin condenser panels and the latest in hydrocarbon refrigerant safety packages.

All units feature EC fan and Inverter driven circulating pump technology along with cutting edge control systems.

REFERENCE INSTALLATIONS

SRS Frigadon is a global distributor of Frigadon water chillers with installations in the USA, Canada, Romania, Germany and Australia along with many sites in the UK and Ireland.

Our customers include Nestles, Co-op, ASDA Walmart, Novo Pharmaceuticals, Brixham and Grimsby Fish Markets, F.W Mansfields Fruit Farms and Roche Pharmaceuticals



SRS FRIGADON LTD

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HYDROCARBON WATER CHILLERS FOR COOLING AND FREEZING APPLICATIONS

Environmental features

Co-efficient of Performance:

The FWC-HC hydrocarbon chiller range is designed and engineered to give maximum efficiency.

- ❄ Increase plant efficiency; reduce energy usage and maintenance costs.
- ❄ Avoids risks associated with high pressure refrigeration systems.
- ❄ Compliant with EU Pressure Equipment Directive (PED) 97/23/EC.
- ❄ SRS equipment is designed to European Safety Standard EN 378
- ❄ Avoid future use of synthetic volatile HFC refrigerant gases.
- ❄ Engineered to provide minimal climatic impact.
- ❄ Ensures environmental responsibility for all cooling, freezing and AC applications.
- ❄ FWC Air Cooled Chillers are designed at +35°C operating ambient.

Standards Features:

Air or Liquid Cooled chillers
Hydrocarbon Refrigerants
EC Condenser Fans
Inverter Driven Circulating Pumps
Bitzer Compressors

Available Options:

Stainless Steel Chassis
Twin Condenser High Efficiency
Pump Energy Optimisation
Hydrocarbon Safety Package
Warm Fluid Defrost System
Remote Internet Controller Access
On Board Heat Recovery System

Chiller Range Capacities

FWC 300 – 500(S)5

Single Circuit

30 – 70kW @ +7°C

20 – 50kW @ -6°C



FWC 650 – 870(S)9

Twin Circuit

70 – 100kW @ +7°C

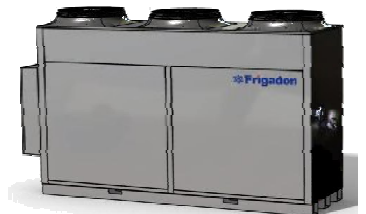
50 – 110kW @ -6°C

FWC 1300 – 1500(S)10

Three Circuit

100 – 180kW @ +7°C

80 – 190kW @ -6°C



FWC 2000 – 2000(S)11

Four Circuit

180 – 300kW @ +7°C

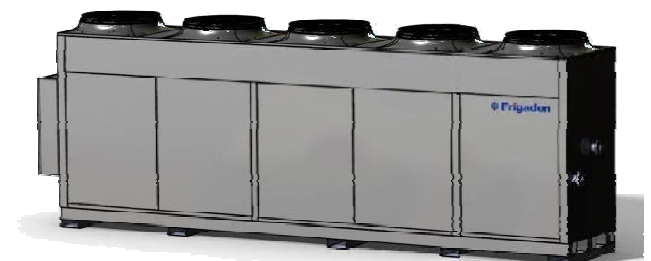
90 – 270kW @ -6°C

FWC 3000 – 3000(S)12

Five Circuit

200 – 600+kW @ +7°C

200 – 460kW @ -6°C



Frigadon AB reserves the right to change specification without notice. Data are to be considered approximate. Reservation for printing errors.



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