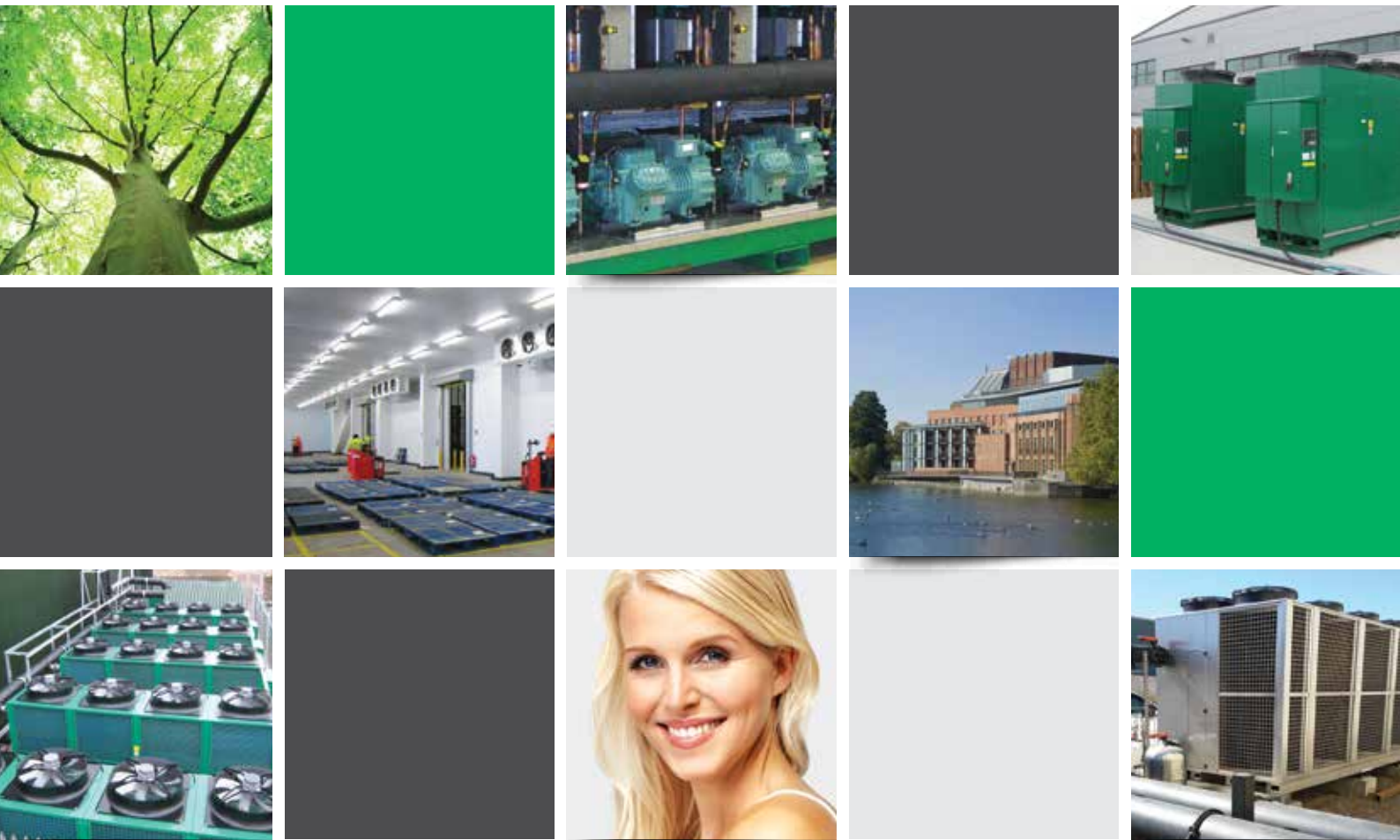




Natural Refrigerant Chiller Range

Secondary Refrigeration Systems and Heat Transfer Fluids



Hydrocarbon R-1270/R-290 Natural Refrigerant Chillers

SRS Frigadon Ltd presents the future generation of environmentally friendly chillers

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.



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Hydrocarbon water chillers for cooling and freezing applications

Environmental features

Coefficient 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 up to +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



FWC3000 – FWC3000(S)17 TC
Five Circuit
200 – 600+kW @ +7°C
200 – 500kW @ -6°C



SRS Frigadon distributors

- AEG, Sparta, Grand Rapids, USA
www.thinkaeg.com
- Versatile Refrigeration, Vancouver, BC, Canada
www.versatilerefrigeration.com
- CoolFresh PC, Athens, Hellenic, Greece
www.coolfresh.gr
- Hafner-Muschler Kalte GmbH, Stuttgart, Germany
www.hafner-muschler.de
- C & M Environmental, Glasgow, Scotland
www.cmenvironmental.co.uk
- Seagull Refrigeration, Co. Limerick, Ireland
www.seagull.ie



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