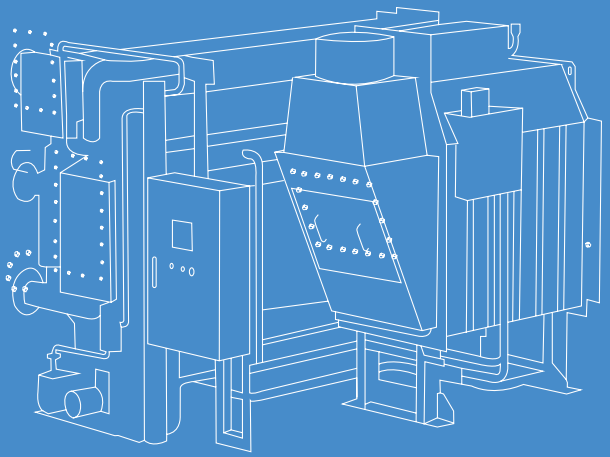
KELVIN
Air Conditioning System

Qualified for **Energy Technology List**
www.eca.gov.uk
TM

bsi. ISO 9001 Quality Management | ISO 14001 Environmental Management

KELVIN Clim KMF

Cooling Capacity: 100 ~ 1500 USRT



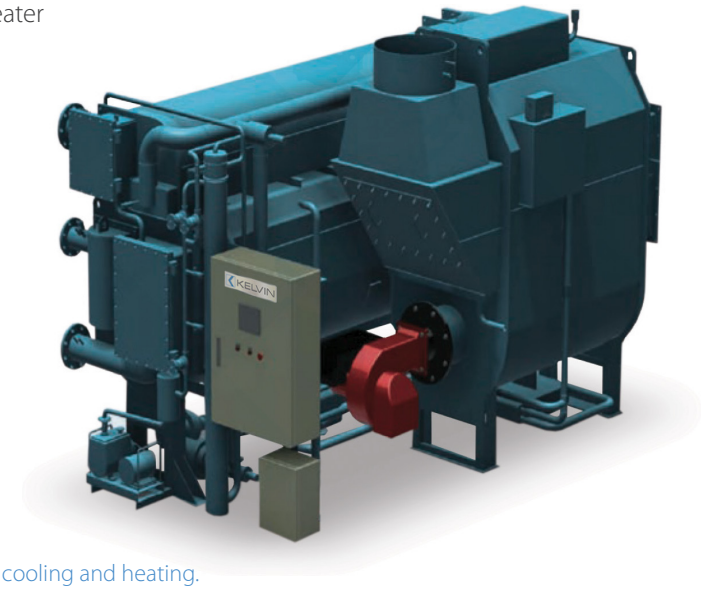
Li-Br Mo | A++ CLASS | INVERTER | 1.36 COP | Anti Crystal

Multi-Fuel Absorption Chiller & Heater

KELVIN AIR CONDITIONING

KELVIN Clim KMF

KELVIN Clim KMF : Multi-Fuel Absorption Chiller & Heater
Cooling Capacity : 100 ~ 1500 USRT

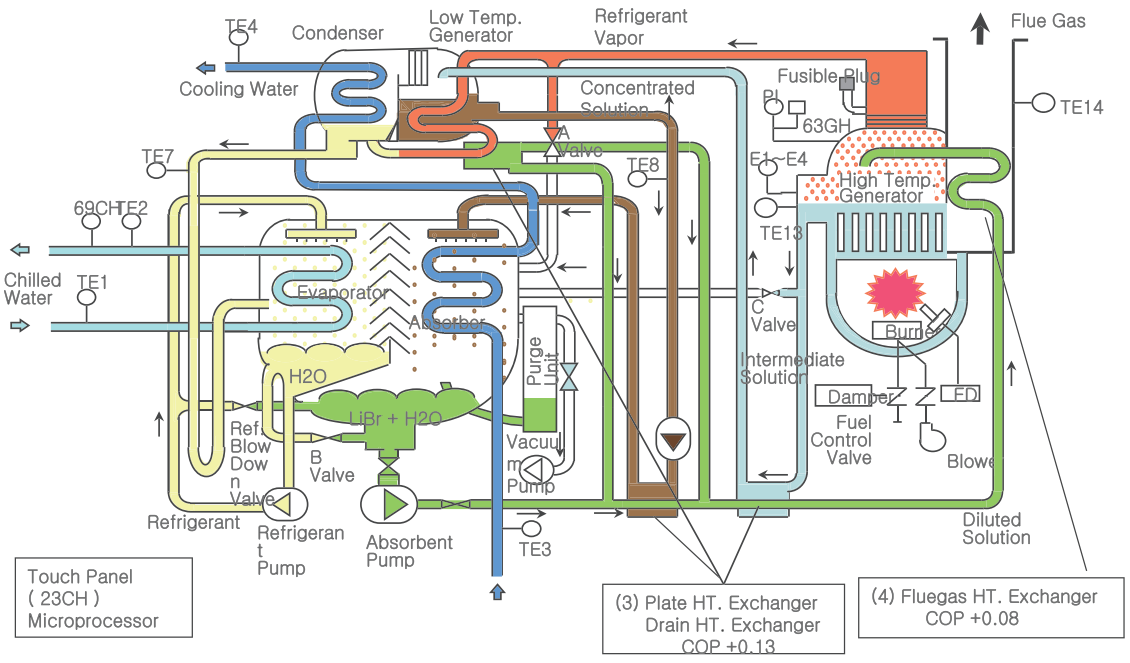


This model is designed to use different energy resource for cooling and heating.
Exhaust gas, steam and hot water can be used with gas or oil.

KELVIN AIRCONDITIONING

CYCLE DIAGRAM

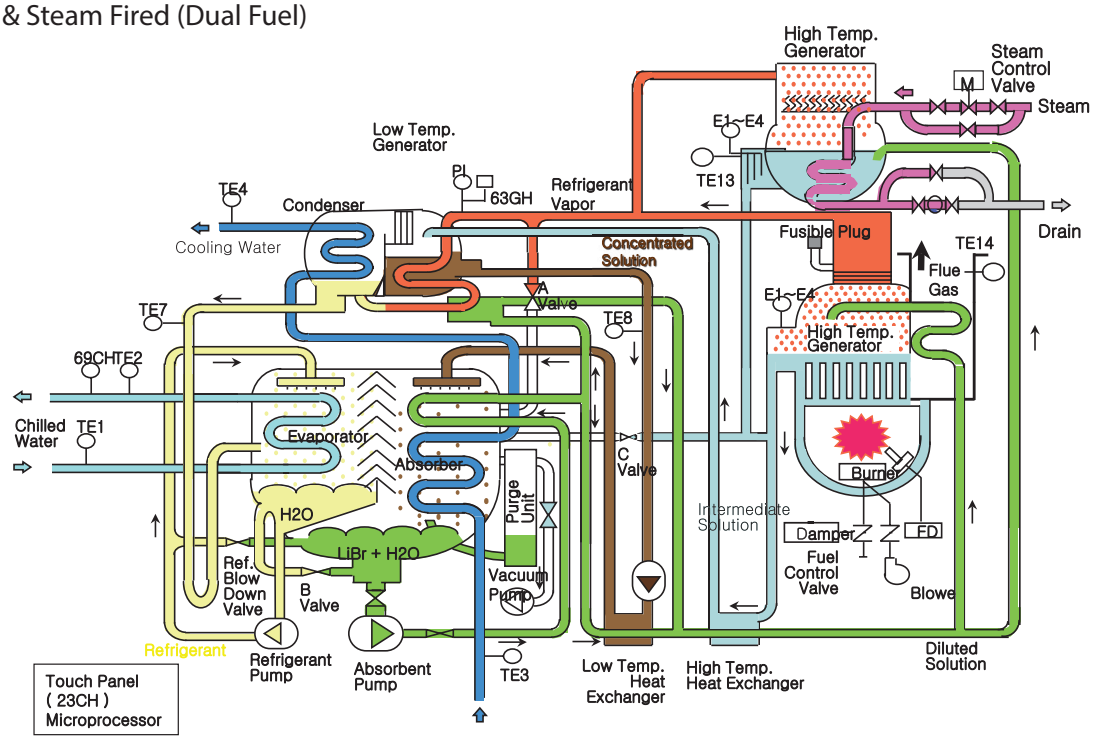
Multi-Fuel Absorption Chiller & Heater



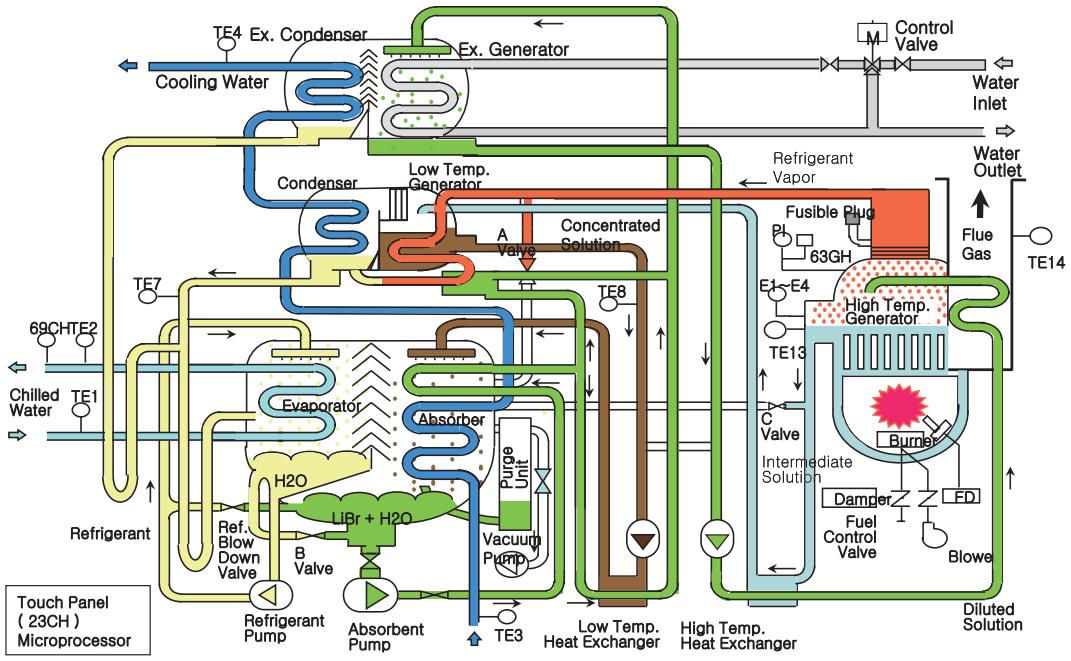
CYCLE DIAGRAM

Multi-Fuel Absorption Chiller & Heater

Gas & Steam Fired (Dual Fuel)



Gas& Water Fired (Dual Fuel)

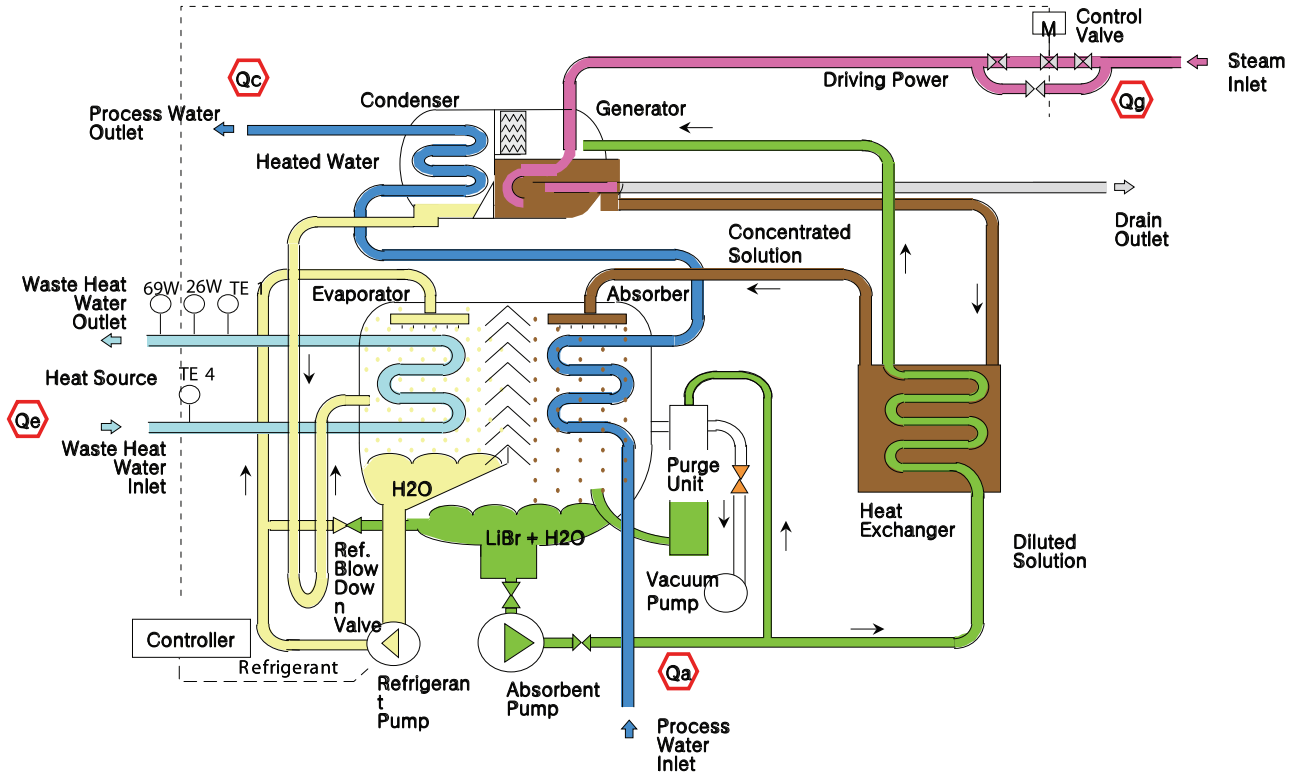


HEAT PUMP

ABSORPTION HEAT PUMP

Absorption Heat Pump developed to produce medium temperature energy by using high temperature energy resource such as steam, hot water and exhaust gas
and low temperature waste heat energy.
This Absorption Heat Pump can be used to supply hot water for heating in a building or to supply hot water in the process of factory by using waste heat resource.

Cycle Diagram (Heated Water)



Generator Vapor is generated from heat supplied by driven hot water. the generated vapor is moved into Condenser.

Condenser The vapor is condensed on the tubes. And the heat is transferred to hot water inside the tubes.

Evaporator The evaporator takes evaporating heat from the waste hot water and the evaporated vapor moves into Absorber.

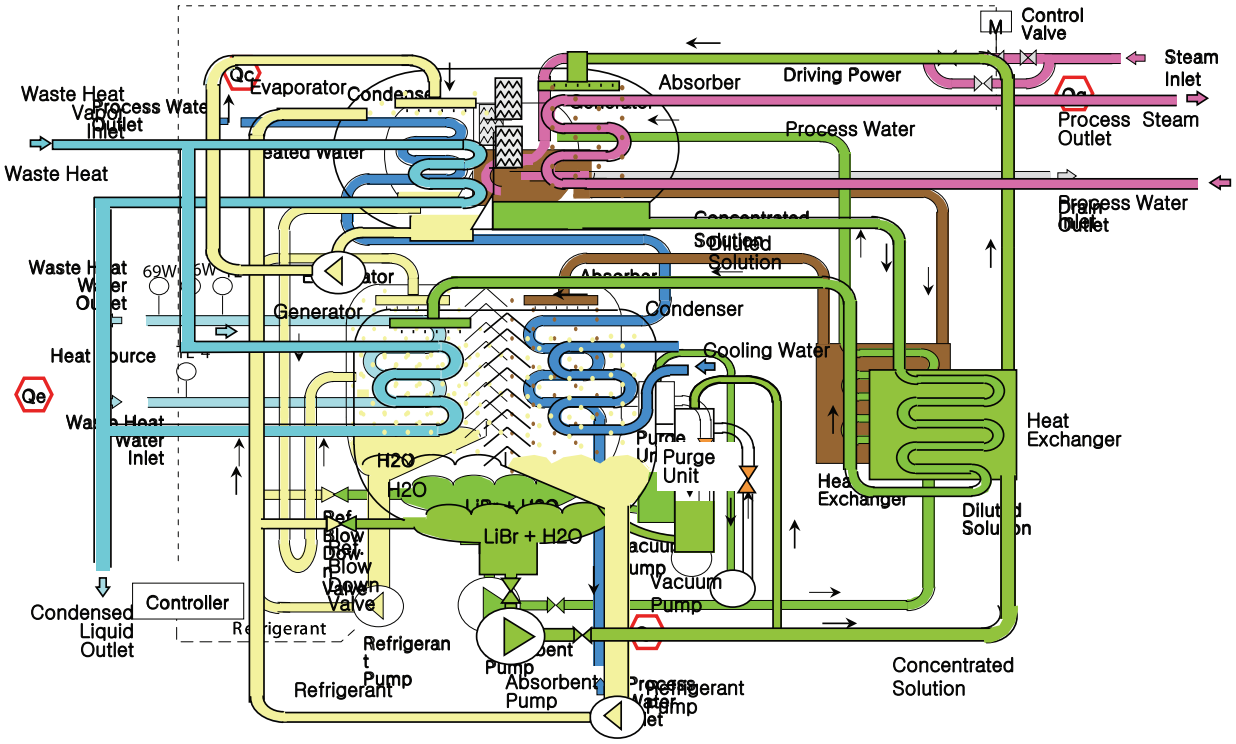
Absorber The evaporated vapor is absorbed into concentrated solution coming from a generator. And the heat is transferred to process hot water.

Absorption Heat Transformer

ABSORPTION HEAT PUMP

Absorption Heat Transformer developed to produce high temperature energy by using medium temperature energy resource in the process of factory.
This Absorption Heat Transformer can be used in the plants that have high temperature waste heat resource to recycle that waste heat resource.

Cycle Diagram (Heated Water)



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