

# The Future of Refrigeration: R290 Indirect System

THE SUSTAINABLE,  
EFFICIENT, AND  
INNOVATIVE CHOICE

# Key Advantages

## Sustainability, Safety, & Reliability

### Only natural refrigerants

R290 (GWP=0,02) & CO<sub>2</sub> (GWP=1), F-gas compliant / no PFAS

### Ease of installation and maintenance

Hydronic system & subcritical CO<sub>2</sub>.

### Maximum safety

Modular design with small R290 charge per circuit.

### Maximum reliability

Premium components & fully factory tested.

### Fully independent

Fully independent heating & cooling (with 4-pipe unit).

### Possibility of full outdoor installation

No plant room required, also in noise sensitive environments

# Adaptable to Your needs

Brine temperature  
down to

**-15°C**

CO<sub>2</sub> temperature  
down to

**-45°C**

Outdoor ambient  
temperature up to

**48°C**

Free hot water  
up to

**77°C**

for all needs (defrost,  
heating, drying, sanitary,  
steam pre-heating...)



# Solving Your Refrigeration Needs

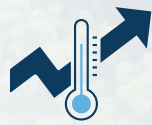
## Ideal Applications



Ideal for food storage and food processing facilities up to 1 MW



Suitable for new installations and replacement of existing HFC/HFO chillers



With 4- pipe, a flexible solution when heating loads are much higher than cooling loads

## Your Partner for Success

### ENEX TECHNOLOGIES SERVICE

HIGH LEVEL EXPERTISE AND  
CUSTOMER SUPPORT ON  
ENEX TECHNOLOGIES EQUIPMENT  
ACROSS EUROPE

- On-site or remote **technical support**
- Management of routine and preventive **maintenance**
- **Technical trainings** for customer and installers
- **Remote monitoring**
- **Spare parts** management



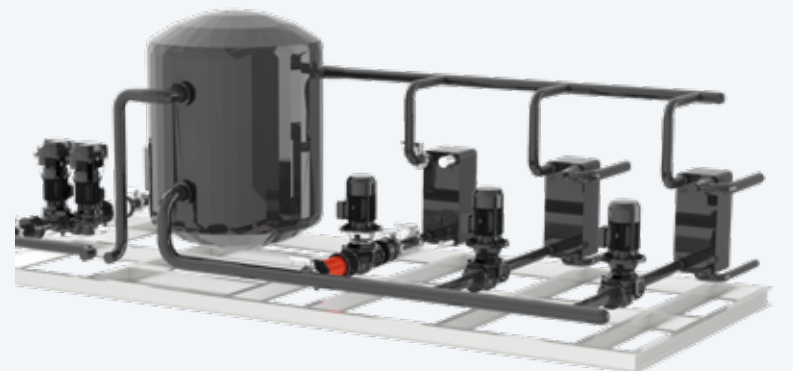


# CO2 units



**REFRIGERATION  
SUBCRITICAL UNIT**  
for indoor installation  
*Kube Series*  
Cooling capacity from 8 kW to 270 kW

# Pump skid



**PUMP SKID**  
Custom built  
(on request)

# Customer Stories

**Country:** France  
**Application:** Fruit storage  
**Cooling capacity:** 1000 kW  
**Installed unit:** 3 x R290 Air cooled chillers with inverter screw compressors remote monitored  
3 x RAH MC U VS Kp



**Country:** Sweden  
**Application:** Food storage  
**Cooling capacity:** 1,5 MW  
**Installed unit:**  
4 Air cooled chiller with inverter screw compressors (double temperature -3°C and -8°C)  
4 x RAH MC U VS Kp



Discover our  
**All-in-One Solutions**  
for process cooling

- ① Work area
- ② Freezing tunnel
- ③ Cold room
- ④ Machine room

# R290 Chillers & Heat pumps 2 or 4 pipe



**MODULAR PACKAGED  
AIR-COOLED RECIPROCATING  
CHILLER AND HEAT PUMPS  
2 OR 4 PIPE**  
for outdoor installation  
*Everest RAE Kp, PAE Kp  
GPE Kp Series*  
Cooling capacity from 66 kW to 1120 kW  
Heating capacity from 80 kW to 1150 kW

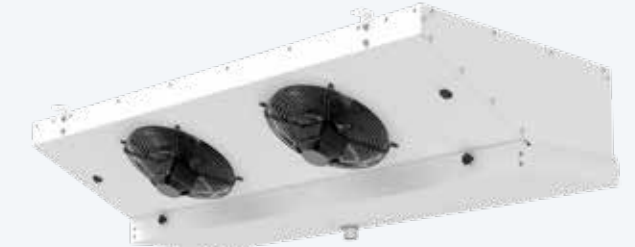


**BRINE RECIPROCATING CHILLER  
HEAT PUMP 2 OR 4 PIPE**  
for outdoor installation  
*RAS MC VB Kp, PAS Kp, GPS Kp Series*  
Cooling capacity from 31 kW to 235 kW  
Heating capacity from 40 kW to 330 kW

# Air coolers

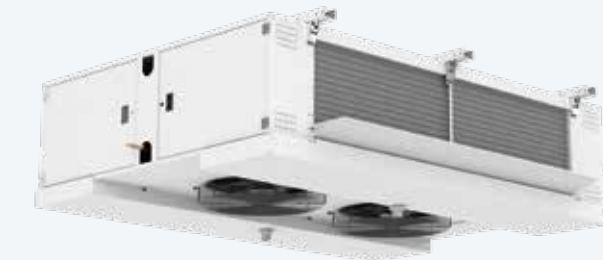


**CO2 AIR COOLER  
BLAST FREEZER**  
*KEB/KEV Series*  
Cooling capacity from 14 kW to 92 kW



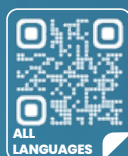
**BRINE AIR COOLER  
SLIM COMPACT**  
*BS Series*  
Cooling capacity from 1 kW to 10,5 kW

**BRINE AIR COOLER  
DUAL FLOW**  
*BD Series*  
Cooling capacity from 1,5 kW to 24,5 kW



**BRINE AIR COOLER  
CUBIC**  
*BC Series*  
Cooling capacity from 0,8 kW to 24,5 kW





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