

## SHELL & TUBE EVAPORATOR

# RT / TANK EVAPORATOR

### ▼ ADVANTAGES

- Allows selecting a smaller water pump thanks to the closed loop water circuit. Therefore saves energy.
- As the entire water tank is insulated, it ensures savings in heat losses as well.
- Excellent compatibility with HFC-HCFC coolants
- Alternative pipe thicknesses
- High efficiency
- Easy to use
- Easy to clean



### RT / TANK EVAPORATOR

SCAN THE BARCODE FOR  
PRODUCT INFORMATION

### ▼ DESIGN

- Designed to provide the best performance under the most compelling operating conditions.
- Can be used in all kinds of closed circuit chiller applications.
- Manufactured to offer high efficiency and low pressure loss from 20 KW cooling capacity to 900 KW cooling capacity.



# RT / TANK EVAPORATOR



## TUBE SIDE

Design Temperature: -10/+90 °C  
Design Pressure: 30 bars

## SHELL SIDE

Design Temperature: -10/+90 °C  
Design Pressure: 10 bars

## ▼ AREAS of USE

- Factories
- Air conditioning
- Textile
- Automotive
- Chemistry

## ▼ MATERIAL

**Body Pipe [Shell]:**  
Carbon Steel (Galvanized body is optional)

**Heat Transfer Pipe [Tube]:**  
Copper 90/10 Copper  
Nickel alloy bafon pipe

**Mirror Sheet:**  
Carbon Steel or stainless

**Cover:**  
Carbon Steel or Cast

**Direction Curtain [Baffle]:** Carbon Steel, Bronze, Polyethylene

## ▼ QUALITY & CERTIFICATES

- TS EN13445-3
- ISO 9001:2015
- ISO 45001:2018
- ISO 10002:2018
- ISO 14001:2015
- CE
- EAC

## ▼ TEST

- Body part 16 bars, pipe part 30 bars, subject to pneumatic test.
- Precise leakage test is performed with helium.
- In products with two or more cooling circuits (Multi-Circuits), bypass test is applied as a standard.

## ▼ DIMENSION

- Body diameter between 406-1000 mm
- Total length between 900-4000 mm

REFKAR Soğutma ve Isı Transfer Cihazları San. Tic. Ltd. Şti.

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