

# TC EV2254-1.6-M6-ED

## PRODUCT DATASHEET

### TC EV2254-1.6-M6-ED EVAPORATOR PRODUCT DETAILS

The TC EV2254-1.6-M6-ED in-house developed and manufactured evaporator featuring a compact design with two fans. Thanks to its compact dimension and ease of installation, this unit is an excellent choice for both new installation and the modernization of existing system. Equipped with a Danfoss expansion valve, the unit ensures precise and even distribution of refrigerant, significantly enhancing system efficiency and reliability. Each evaporator is housed in a stainless steel casing, ensuring long-lasting resistance against environmental impacts.



#### DIMENSIONS

Width (mm)	955
Depth (mm)	545
Height (mm)	140
Weight (kg)	17
Packaging dimensions (mm)	960x570x200

#### TECHNICAL INFORMATION

Cooling capacity (W) [t <sub>0</sub> =0°C; Δt=10K; R404A]	2246
Air flow (m <sup>3</sup> /h)	1444
Suggested refrigerant	R448A/R449A
Evaporation temperature (°C)	-8
Casing material	Stainless steel
Heat exchanger surface (m <sup>2</sup> )	4
Heat exchanger volume (dm <sup>3</sup> )	0,65
Max. operating pressure (bar)	30
Test pressure (bar)	33
Tube material	Copper
Fan blade material	Aluminium
Fin material	Aluminium

#### FAN MOTOR TECHNICAL INFORMATION

Number of fans (pcs)	2
Blade diameter (mm)	254
Voltage/Frequency (V - Hz)	230/50
Fan rotation speed / MAX (rpm)	1300
Total power (W)	130
Total current (A)	0,9
Noise power level (dB(A))	48
Capacity - Defrosting heating (W)	650

#### THERMOTECHNIKA-CROWN COOL KFT.

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