

DESCRIPTION

Air coolers UCMO-...-250E are designed for refrigerant installations, which are installed in chambers with temperature range from TK=-5°C to +5°C. The coolers are built of batteries of fins evaporator Cu-Al with changing fin pitch 7mm on pipes diameter 10mm. The evaporator is cased in galvanized steel plate lacquered in white color. A silent-running fans guarantee air-flow to 7m. Electric heaters, which are built-in evaporator and drip tray, provide efficient defrosting. **The coolers can be executed in glycol version.**

TECHNICAL SPECIFICATION & DIMENSIONS

Type	UCMO-18-250E	UCMO-28- 250E	UCMO-38- 250E*	UCMO-48-250E*
Capacity [W] for t ₀ = -4°C and temperature in chamber TK=4°C, R404A	900	1850	2780	3760
Capacity [W] for t ₀ = -6°C and temperature in chamber TK=2°C, R404A	880	1810	2720	3680
Outside surface [m ²]	4.00	8.00	12.00	16.00
Inside volume [dm ³]	1.00	1.85	2.75	3.60
Defrosting heater 230V – power [W]	600	1200	1800	2400
Fans c250 16W/230V	Outgo [m ³ /s]	0.23	0.46	0.69
	Power consumption [W]	1x65	2x65	3x65
Socket ferrule	Inlet [mm]	¢10	¢12	¢12
	Outlet [mm]	Ł12	Ł 12	¢16
Weight [kg]	12.8	20.7	29.5	39.4
Dimensions [mm]	L	560	910	1260
	A	455	805	1155

Δt – difference of air temperatures on inlet and evaporation of refrigerant R404A on cooler's outlet.

Ł – screwed connector.

Voltage for heater 3x450V, 60 Hz.

*Required thermostatic expansion valve with outer equalization of pressure.

All devices can be adjusted to other refrigerants: R507, R407C and R134a on Customer request.

