

DESCRIPTION

Under-roof, air-conditioning air coolers are designed for refrigerant air-conditioning installations when temperature of evaporation t_0 is over 0°C . The coolers are built of double batteries of fins evaporator Cu- Al with changing fin pitch 3mm on pipes diameter 10mm. The evaporator is cased in galvanized steel plate lacquered or acid-proof plate. A silent-running fans guarantee air flow to 6m for each side. All units are equipped with fluid separator. The units are adapted to be supplied by refrigerant through thermostatic expansion valve with outer equalization of pressure. Every cooler is tested for leaks. After the test the cooler is dried and filled up with a neutral gas. **The coolers can be executed in glycol version.**

TECHNICAL SPECIFICATION & DIMENSIONS

Type		KNP-16-300E	KNP-26-300E	KNP-36-300E	KNP-46-300E	KNP-56-300E
Capacity [W], temp. of inflow air +25oC and of R404A evaporation +5oC		7100	12140	18320	24500	30600
Outside surface [m2]		14.4	28.8	43.1	57.5	71.9
Inside volume [dm3]		3.0	4.5	6.0	7.5	9.0
Fans 300 34W/ 230V	Outgo [m3/s]	0.30	0.61	0.91	1.22	1.52
	Power consumption [W]	1x120	2x120	3x120	4x120	5x120
Socket ferrule	Inlet [mm]	12	12	16	16	16
	Outlet [mm]	16	22	28	35	35
Weight [kg]		27	39	51	63	75
Dimensions [mm]	A	520	1020	1520	2020	2520
	B	-	-	-	1010	1010
	L	725	1225	1725	2225	2725

Voltage for heater 3x450V, 60 Hz.

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

