INDUSTRIAL EVAPORATORS

CHARACTERISTICS OF CASING

The cassetting has an esthetic structure that has a protection against oxidation and it is manufactured by lasting electrostatic powder paint with hot-dip galvanized steel. In all types of models there are some standard equipments and functions such as hinged drain pan that are easily close and open for assembly and service, easily removed side covers and special hangers for easy installations.Stainless casettings can be done optionally.

: Only body water defrost

CHARACTERISTICS OF HEATERS

E1 type heaters are used for the range of 0°C and +5°C. Heaters are only mounted on the body of the cooling coil. **E2** heaters can be used for the degrees below 0.
Heaters are mounted on the body of the cooling coil and drain pan.

THE TYPES OF HEATERS:

E2	: Only body electric defrost
E3	: Body + drain tray electric defrost
HGD1	: Body + drain tray+fan electric defrost : Only
HGD	body hot gas defrost.
2WD	: Body + Drain pan hot gas defrost

CHARACTERISTICS OF CASING

Axial fans are used in our standard evaporators. All fans which are manufactured by single-phase and three-phase have suitable protections of the safety standards. Electrical features are 230V 50 Hz 1400rpm. **IP44** and **IP54** fan motors are protected and have **B** and F insulation class.

Our cold room evaporators which are capable to provide small and middle ranges of cooling capacities are able to respond the demands of commercial refrigerations. They contain a wide capacity range from 0,6 kW to 87 kW. (These capacity ranges are given for R404A refrigerant type.)

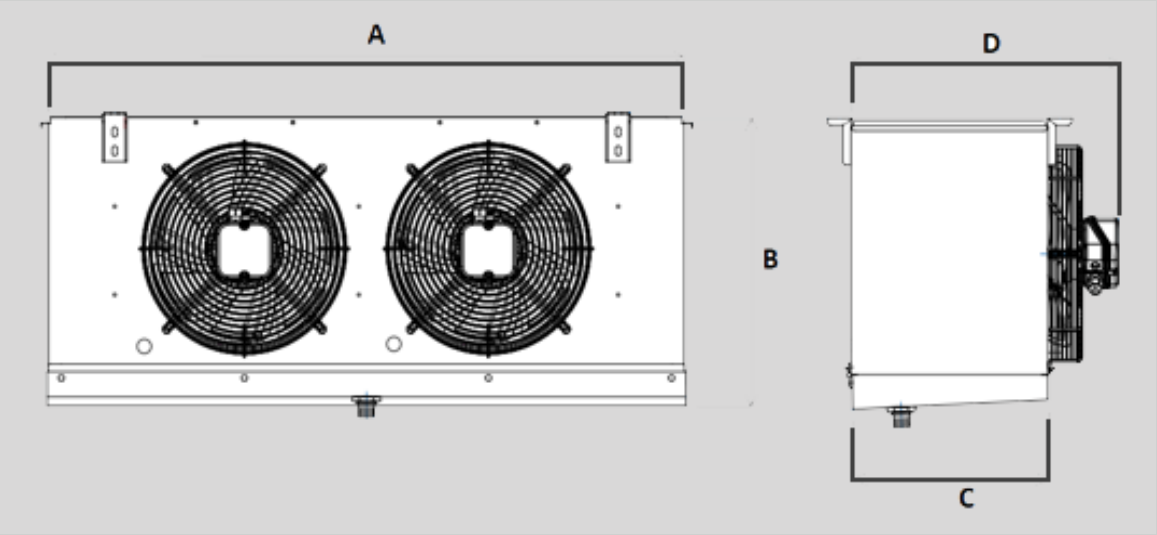
SPECIFICATIONS

·High efficient aliminium fins
·4-6-8-10 mm fin spacings
·The copper tubes in 3/8''-1/2''-5/8'' in diameters
·Working capability with 404A, R 507A ve R 134A gases
·High pressured test in 35 bar
·High operating pressure till to 20 bar
·Sending by positive pressure pressing with nitrogen
They might be covered optionally with epoxy cover aluminium fin

IDENTIFICATION OF MODELS

OREI 63.32 6 E1

Type of product
Diameter of fan Ø630
Number of fans
Fin Space
Type of heater
Type



Ø630 FAN 6mm

Fan	Model	Surface	Capacity				Airflow	Tube Volume	Fans	Dimensions				Electric Defrost		
			Cold Room		Deep Freezer									E1	E2	
			SC1 Tev=0°C ΔT=10°C	SC2 Tev=-8°C ΔT=8°C	SC3 Tev=-25°C ΔT=7°C	SC4 Tev=-31°C ΔT=6°C			Diameter	A	B	C	D	Coil	Coil	Drain Tray
		m²	W	W	W	W	m³/h	dm³	mm	mm	mm	mm	mm	W	W	W
1xFan	ORE 63.11.6	66,50	23.447	15.947	12.514	10.408	14.275	17,40	630	1.440	1.066	600	740	8x750	8x750	2x750
	ORE 63.12.6	88,70	28.440	19.417	15.302	12.529	13.145	23,30	630	1.440	1.060	700	840	10x750	10x750	2x750
2xFan	ORE 63.21.6	133,10	47.520	32.275	25.414	21.182	28.550	34,90	630	2.440	1.066	600	740	8x1250	8x1250	2x1250
	ORE 63.22.6	177,40	57.536	39.231	30.997	25.476	26.290	46,50	630	2.440	1.060	700	840	10x1250	10x1250	2x1250
3xFan	ORE 63.31.6	199,60	71.604	48.607	38.321	31.963	42.820	52,30	630	3.440	1.066	600	740	8x1650	8x1650	2x1650
	ORE 63.32.6	266,10	86.640	59.050	46.697	38.429	39.430	69,80	630	3.440	1.060	700	840	10x1650	10x1650	2x1650
4xFan	ORE 63.41.6	266,10	95.688	64.940	51.229	42.746	57.100	69,80	630	4.440	1.066	600	740	8x2250	8x2250	2x2250
	ORE 63.42.6	354,80	115.749	78.868	62.398	51.386	52.570	93,00	630	4.440	1.060	700	840	10x2250	10x2250	2x2250

INDUSTRIAL EVAPORATORS

Ø630 FAN 8mm

Fan	Model	Surfacce	Capacity				Airflow	Tube Volume	Fans	Dimensions				Electric Defrost		
			Cold Room		Deep Freezer									E1	E2	
			SC1 Tev=0°C ΔT=10°C	SC2 Tev=-8°C ΔT=8°C	SC3 Tev=-25°C ΔT=7°C	SC4 Tev=-31°C ΔT=6°C			Diameter	A	B	C	D	Coil	Coil	Drain Tray
		m²	W	W	W	W	m³/h	dm³	mm	mm	mm	mm	mm	W	W	W
1xFan	ORE 63.11.8	49,90	20.669	14.002	11.115	8.917	14.800	17,40	630	1.440	1.066	600	740	8x750	8x750	2x750
	ORE 63.12.8	66,50	25.449	17.276	13.642	10.860	13.750	23,30	630	1.440	1.060	700	840	10x750	10x750	2x750
2xFan	ORE 63.21.8	99,80	41.781	28.268	22.494	18.117	29.600	34,90	630	2.440	1.066	600	740	8x1250	8x1250	2x1250
	ORE 63.22.8	133,10	51.376	34.831	27.571	22.023	27.500	46,50	630	2.440	1.060	700	840	10x1250	10x1250	2x1250
3xFan	ORE 63.31.8	149,70	62.897	42.536	33.876	27.323	44.400	52,30	630	3.440	1.066	600	740	8x1650	8x1650	2x1650
	ORE 63.32.8	199,60	77.307	52.395	41.504	33.190	41.250	69,80	630	3.440	1.060	700	840	10x1650	10x1650	2x1650
4xFan	ORE 63.41.8	199,60	84.016	56.806	45.258	36.721	59.200	69,80	630	4.440	1.066	600	740	8x2250	8x2250	2x2250
	ORE 63.42.8	266,10	103.238	69.958	55.437	44.358	55.000	93,00	630	4.440	1.060	700	840	10x2250	10x2250	2x2250