

TWIN FLOW GLYCOL 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 cassetings can be done optionally.

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:

- E1 : Only body electric defrost
- E2 : Body + drain tray electric defrost
- WD : Only body water defrost

CHARACTERISTICS OF CASING

Axial fans are used in our twin flow glycol 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 twin flow glycol evaporators which are capable to wide ranges of cooling capacities are able to respond the demands of commercial and industrial refrigerations. They contain a wide capacity range from 3,9 kW to 123,8 kW. (These capacity ranges are given for R404A refrigerant type.)

SPECIFICATIONS

- High efficient aluminium fins
- 4-6-8 mm fin spacings
- The copper tubes in ½" -5/8" in diameters
- Working capability with glycol-water mixture
- High pressured test in 20 bar

They might be covered optionally with epoxy cover aluminium fin.

IDENTIFICATION OF MODELS

ORGC 50.42.6 E1

Type of product

Diameter of fan Ø500

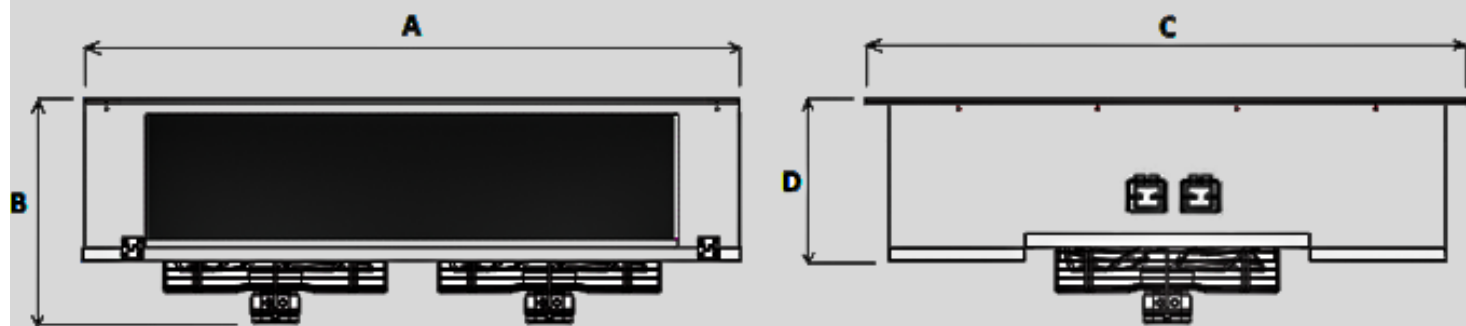
Number of fans

Type of heater

Fin Space

Type





Ø400 FAN

Fin Spacing	Model	Capacity	Area	Airflow	Tube Volume	Fans				Electric Defrost		Dimensions				Inlet Diameter	Outlet Diameter
		SC10				Piece	Diameter	Power	Current	Coil	Drain Tray	S	K	H	E		
mm		W	m²	m³/h	dm³	n	mm	W	A	W		mm	mm	mm	mm	inch	inch
4	ORGCD 50.11.4	17083	45,77	4635	14,3	1	500	680	3,0	8x450	-	1085	1240	454	750	1 1/4"	1 1/4"
	ORGCD 50.21.4	33822	91,55	9271	28,6	2	500	1360	6,0	10x850	-	1885	1240	454	750	1 1/2"	1 1/2"
	ORGCD 50.31.4	52802	137,32	13906	42,9	3	500	2040	9,0	10x1250	-	2685	1240	454	750	2"	2"
	ORGCD 50.41.4	67191	183,09	18542	57,2	4	500	2720	12,0	10x1650	-	3485	1240	454	750	2 1/2"	2 1/2"
6	ORGCD 50.11.6	15035	31,77	5058	14,3	1	500	680	3,0	8x450	2x450	1085	1240	454	750	1 1/4"	1 1/4"
	ORGCD 50.21.6	29754	63,55	10116	28,6	2	500	1360	6,0	10x850	2x850	1885	1240	454	750	1 1/2"	1 1/2"
	ORGCD 50.31.6	46611	95,32	15174	42,9	3	500	2040	9,0	10x1250	2x1250	2685	1240	454	750	2"	2"
	ORGCD 50.41.6	59105	127,10	20243	57,2	4	500	2720	12,0	10x1650	2x1650	3485	1240	454	750	2 1/2"	2 1/2"

TWIN FLOW GLYCOL EVAPORATORS

Ø450 FAN

Fin Spacing	Model	Capacity	Area	Airflow	Tube Volume	Fans				Electric Defrost		Dimensions				Inlet Diameter	Outlet Diameter
		SC10				Piece	Diameter	Power	Current	Coil	Drain Tray	S	K	H	E		
mm		W	m²	m³/h	dm³	n	mm	W	A	W		mm	mm	mm	mm	inch	inch
4	ORGCD 45.11.4	14073	39,67	3254	12,4	1	450	245	1,1	8x350	-	1024	1240	454	650	1"	1"
	ORGCD 45.21.4	27943	79,34	6508	24,8	2	450	490	2,2	8x650	-	1642	1240	454	650	1 1/4"	1 1/4"
	ORGCD 45.31.4	41786	119,01	9761	37,2	3	450	735	3,3	10x1000	-	2298	1240	454	650	1 1/2"	1 1/2"
	ORGCD 45.41.4	55617	158,68	13015	49,6	4	450	980	4,4	10x1250	-	2548	1240	454	650	2"	2"
6	ORGCD 45.11.6	12561	27,54	3559	12,4	1	450	245	1,1	8x350	2x350	1024	1240	454	650	1"	1"
	ORGCD 45.21.6	24934	55,08	7117	24,8	2	450	490	2,2	8x650	2x650	1642	1240	454	650	1 1/4"	1 1/4"
	ORGCD 45.31.6	37282	82,61	10676	37,2	3	450	735	3,3	10x1000	2x1000	2298	1240	454	650	1 1/2"	1 1/2"
	ORGCD 45.41.6	49618	110,15	14235	49,6	4	450	980	4,4	10x1250	2x1250	2548	1240	454	650	2"	2"

Ø500 FAN

Fin Spacing	Model	Capacity	Area	Airflow	Tube Volume	Fans				Electric Defrost		Dimensions				Inlet Diameter	Outlet Diameter
		SC10				Piece	Diameter	Power	Current	Coil	Drain Tray	S	K	H	E		
mm		W	m²	m³/h	dm³	n	mm	W	A	W		mm	mm	mm	mm	inch	inch
4	ORGCD 50.11.4	17083	45,77	4635	14,3	1	500	680	3,0	8x450	-	1085	1240	454	750	1 1/4"	1 1/4"
	ORGCD 50.21.4	33822	91,55	9271	28,6	2	500	1360	6,0	10x850	-	1885	1240	454	750	1 1/2"	1 1/2"
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	ORGCD 50.41.4	67191	183,09	18542	57,2	4	500	2720	12,0	10x1650	-	3485	1240	454	750	2 1/2"	2 1/2"
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