

DRY COOLER

DYC 200~1000



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Outdoor installation

Capacity from 201 to 1004 KW

Characteristics

8-pole fan motor

"W" shaped heat exchanger, small footprint

Stages control fan motor

Close circuit cooling, no water consumption

Available configurations

DYC 200 S 2

(1) (2)

(1) Version:

S Standard

T Low noise type

(2) Power Supply:

2 380/3/50

4 460/3/60

6 Other power supply

Applications

Climatic engineering

Power generator cooling

Industry(water cooling, glycol/water cooling, etc.)

Alternative solution to replace cooling towers

Functions and features



Air cooled



Outdoor inst.



Refrig. water

Optional

Copper/copper heat exchanger

Enabling fans via service switches

Inverter

Isolating switch for power and control board

Technical data

Model	DYC	Size	200	240	300	350	440	500	550	610	690	760	820	880	1000
General	Heat exchange capacity	KW	201	248	298	351	442	503	556	612	695	754	823	887	1004
	Air flow	m ³ /h	62300	76800	92300	108800	137000	156000	172000	189000	215000	233000	255000	275000	311000
	Fan	Type	Axial												
Fan	Nr.		3	4	4	6	6	8	8	8	10	10	12	12	12
	Power input	KW	3.9	5.2	5.2	7.8	7.8	10.4	10.4	10.4	13	13	15.6	15.6	15.6
Heat exchanger	Type		Fin coil												
	Material		Al/Cu												
	Water flow	m ³ /h	35	43	51	61	76	87	96	106	120	130	142	153	173
Power supply	Inlet/outlet nozzle	DN	80	80	100	100	100	125	125	125	125	150	150	150	150
	Noise	dB(A)	56	58	58	60	60	62	62	62	63	63	65	65	65
Weight	kg	1560	1370	1430	1650	1800	2120	2200	2380	2690	2870	3100	3250	3500	

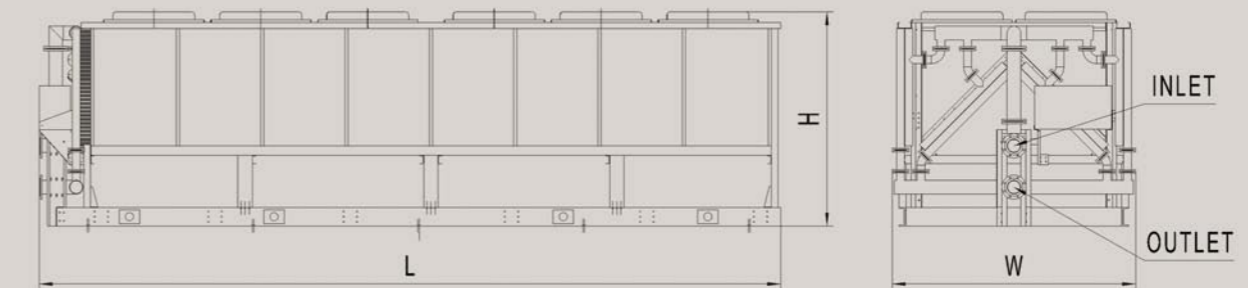
Note:

Data refer to Ethylene glycol 34%, External air temperature 25°C, Tin = 40°C, Tout = 35°C.

Noise refer to units with full load under nominal test conditions.

The noise is measured at 10m from the external surface of the unit in open field conditions.

Dimensions



Size	200	240	300	350	440	500	550	610	690	760	820	880	1000
L	3500	3100	3100	4400	4400	5030	5030	5030	6050	6050	7200	7200	7200
W	1095	2195	2195	2195	2195	2326	2326	2326	2326	2326	2326	2326	2326
H	2030	1930	1930	1930	1930	1910	1910	1910	1910	1910	1910	1910	1910