DRY COOLER

DYC 200～1000



DRY COOLER

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



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												
	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
	Inlet/outlet nozzle	DN	80	80	100	100	100	125	125	125	125	150	150	150	150
Power supply			380V/3P/50Hz												
Noise		dB(A)	56	58	58	60	60	62	62	62	63	63	65	65	65
Weight		kg	580	930	1073	1345	1538	1790	1897	2074	2342	2620	2840	2915	3010

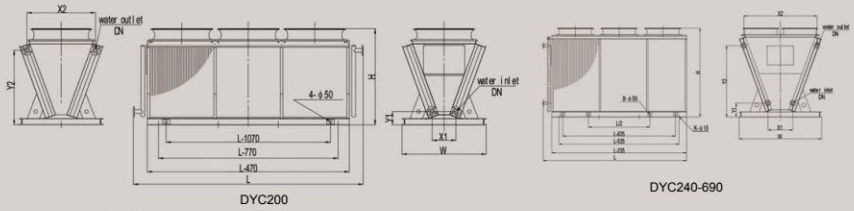
Note:

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.

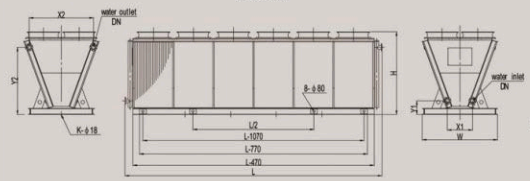
The noise is measured at 10m from the external surface of the unit in open field conditions.

Dimensions



DYC200

DYC240-690



DYC760-1000

Size	200	240	300	350	440	500	550	610	690	760	820	880	1000
L	3460	2365	2725	3415	3905	4545	4815	5265	5945	6650	7210	7400	7650
W	1430	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240
H	1535	2145	2145	2185	2185	2185	2815	2185	2225	2225	2225	2225	2225