MARINE AIR CONDITIONER

CLD-5A Mareine Self Contatined Air Conditioner

ISO9001 Supplier

Class Certificate

Export Supply

Description: CLD Mareine Self Contatined Air Conditioner Mareine self contatined air conditioner is the cooling device , which can condition the air in chamber directly The unit has features of new-design , e...



Key Highlights

Category	Marine Air Conditioner
Standard	EN
Material	Model CLD-2A CLD-3A CLD-4A CLD-5A CLD-6A CLD-7A Cooling capacity KW 2.32...
Weight / Size	Model CLD-2A CLD-3A CLD-4A CLD-5A CLD-6A CLD-7A Cooling capacity KW 2.32...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Marine Air Conditioner	**Model / SKU**	CLD-5A-Mareine-Self-Contatined-Air-Conditioner
Standard	EN	**Material**	Model CLD-2A CLD-3A CLD-4A CLD-5A CLD-6A CLD-7A Cooling capacity KW 2.32 3.49 4.65 5.81 6.89 8.2 10 Kcal/h 2 3 4 5 6 7 Heating capacity KW 1.2 1.8 2.4 3 3.6 4.2 10 Kcal/h 1 1.5 2 2.5 3 3.62 Cooling medium R407C Heating type electric heating tube with stainless steel fin or light tube Power supply Main circuit AC 220V 1φ 50Hz AC 220V 1φ 60Hz AC 380V 3φ 50Hz AC 440V 3φ 60Hz Control circuit AC 220V 1φ 50Hz/ AC 220V 1φ 60Hz Protection devices Freon high pressure、freon low pressure、water stop、super heat、 lack phase、overload、safety valve Compressor Type Hermetic scroll Motor power KW 1.4 1.4 1.8 1.5 1.8 2.1 Condenser Type horizontal shell & tube and can condense and receive liquid efficiently Water inlet temp ℃ Water flow m3/h 1.5 1.5 2.5 2.5 2.5 2.5 Water pressure loss Kpa ≤30 Dia.of inlet and outlet water mm DN25 DN25 DN25 DN25 DN25 DN25 Evaporator Copper tube with copper（Al）fin Fan Type low noise centrifugal fan Air flow m3/h 400 600 800 1000 1200 1400 Motor power W 40 40 40 40 40 90 Fan speed high、middle、low Noise dB(A) ≤54 ≤55 ≤57 ≤60 ≤60 ≤65 Dimension Length mm 466 466 466 600 600 700 Width mm 440 440 440 440 440 440 Height mm 1750 1750 1750 1750 1750 1750 Weight kg 170 172 182 190 206 230 Sheet2:

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Warranty	12 Months unless specified otherwise	**Origin**	China

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Description:

CLD Mareine Self Contatined Air Conditioner Mareine self contatined air conditioner is the cooling device , which can condition the air in chamber directly The unit has features of new-design , easy-maintaining etc They are widely applied for all kinds of passenger ships , cargo ships , oil platforms etc.

Main feature:

Mainly composed by compressor, condenser, direct evaporator and fan etc

Choosing imported name brand refrigeration compressor

Main controls are imported famous brand

Condenser is anticorrosive HAL77-2 or BFe30-1-1 high efficient heat

transferring pipe, which can protect ship swinging from flow-stop

Pressure test, vacuum test and running test have been done before delivery

Ready for operation after connected with pipe and power source

Design, manufacture and inspection comply with relative“CCS”and“navy”standards

Special design and manufacture can be done upon user's requirement

Technical data:

Sheet1:

Model			CLD-2A	CLD-3A	CLD-4A	CLD-5A	CLD-6A	CLD-7A
Cooling capacity		KW	2.32	3.49	4.65	5.81	6.89	8.2
		10 Kcal/h	2	3	4	5	6	7
Heating capacity		KW	1.2	1.8	2.4	3	3.6	4.2
		10 Kcal/h	1	1.5	2	2.5	3	3.62
Cooling medium			R407C					
Heating type			electric heating tube with stainless steel fin or light tube					
Power supply		Main circuit	AC 220V 1φ 50Hz AC 220V 1φ 60Hz			AC 380V 3φ 50Hz AC 440V 3φ 60Hz		
		Control circuit	AC 220V 1φ 50Hz/ AC 220V 1φ 60Hz					
Protection devices			Freon high pressure、freon low pressure、water stop、super heat、lack phase、overload、safety valve					
Compressor	Type		Hermetic scroll					
	Motor power	KW	1.4	1.4	1.8	1.5	1.8	2.1

Condenser	Type		horizontal shell & tube and can condense and receive liquid efficiently					
	Water inlet temp	℃						
	Water flow	m3/h	1.5	1.5	2.5	2.5	2.5	2.5
	Water pressure loss	Kpa	≤30					
	Dia.of inlet and outlet water	mm	DN25	DN25	DN25	DN25	DN25	DN25
Evaporator			Copper tube with copper (Al) fin					
Fan	Type		low noise centrifugal fan					
	Air flow	m3/h	400	600	800	1000	1200	1400
	Motor power	W	40	40	40	40	40	90
	Fan speed		high、middle、low					
	Noise	dB(A)	≤54	≤55	≤57	≤60	≤60	≤65
Dimension	Length	mm	466	466	466	600	600	700
	Width	mm	440	440	440	440	440	440
	Height	mm	1750	1750	1750	1750	1750	1750
Weight		kg	170	172	182	190	206	230

Sheet2:

Model		CLD-8A	CLD-10A	CLD-12A	CLD-15A	CLD-20A
Cooling capacity	KW	9.3	11.63	13.95	17.44	23.26
	10 Kcal/h	8	11.63	13.95	17.44	23.26
Heating capacity	KW	4.8	6	7.2	9	12
	10 Kcal/h	4.1	5.1	6.2	7.7	10.3
Cooling medium		R407C				
Heating type		electric heating tube with stainless steel fin or light tube				
Power supply	Main circuit	AC 380V 3φ 50Hz/ AC 440V 3φ 60Hz				
	Control circuit	AC 220V 1φ 50Hz/ AC 220V 1φ 60Hz				
Protection devices		Freon high pressure、freon low pressure、water stop、super heat、lack phase、overload、safety valve				
Compressor	Type	Hermetic scroll				
	Motor power	KW	2.3	2.5	3.3	3.9	5.5

Condenser	Type		horizontal shell & tube and can condense and receive liquid efficiently				
	Water inlet temp	℃	≤32				
	Water flow	m3/h	3	3.7	4.4	5.5	6.5
	Water pressure loss	Kpa	≤30				
	Dia.of inlet and outlet water	mm	DN25	DN25	DN25	DN25	DN32
Evaporator			Copper tube with copper (Al) fin				
Fan	Type		low noise centrifugal fan				
	Air flow	m3/h	1600	2000	2400	3000	4000
	Motor power	W	90	90	90	90x2	90x2
	Fan speed		high、middle、low				
	Noise	dB(A)	≤62	≤64	≤65	≤68	≤68
Dimension	Length	mm	700	800	900	1200	1500
	Width	mm	440	440	440	440	500
	Height	mm	1750	1780	1830	1830	1830
Weight		kg	236	254	282	296	386