

MARINE AIR CONDITIONER

CLD-C Marine Air Conditioner

Description: CLD-C Marine low noise self-contained AC unit is air handling unit to treat room air directly. It is improved type of CLD-B series. The AC unit adopts special structure design and professional noise...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Air Conditioner
Standard	EN
Material	Model CLD-5C CLD-6C CLD-7C CLD-8C CLD-10C CLD-12C CLD-15C CLD-20C Coolin...
Weight / Size	Model CLD-5C CLD-6C CLD-7C CLD-8C CLD-10C CLD-12C CLD-15C CLD-20C Coolin...
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-C-Marine-Air-Conditioner
Standard	EN	Material	Model CLD-5C CLD-6C CLD-7C CLD-8C CLD-10C CLD-12C CLD-15C CLD-20C Cooling capacity KW 5 6 7 8 10 12 15 20 10 Kcal/h 4.3 5.1 6 6.8 8.6 10.3 12.9 17.2 Heating capacity KW 3 3.6 4.2 4.8 6 7.2 9 12 10 Kcal/h 2.5 3 3.6 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 KW 1.3 1.6 1.9 2.2 2.5 2.9 3.3 5 Condenser Type horizontal shell & tube and can condense and receive liquid efficiently °C ≤32 m3/h 1.5 1.8 2.2 2.6 3 3.5 4.5 5.5 Kpa ≤30 mm DN25 DN25 DN25 DN25 DN25 DN25 DN32 DN32 Evaporator Copper tube with copper (Al) fin Fan Type low noise centrifugal fan Fan speed high、 middle、 low dB(A) ≤45 ≤46 ≤48 ≤50 ≤51 ≤52 ≤55 ≤59 Dimension mm 800 800 800 800 950 1050 1050 1350 mm 440 440 440 440 440 550 550 600 mm 1650 1650 1750 1750 1750 1840 1840 1900 Weight kg 215 215 250 250 270 290 310 360 Model CLD-5C CLD-6C CLD-7C CLD-8C CLD-10C CLD-12C CLD-15C CLD-20C L 800 800 800 800 950 1050 1050 1050 B 440 440 440 440 440 550 550 550 H 1650 1650 1750 1750 1750 1840 1840 1900 H1 1315 1315 1365 1365 1365 1455 1455 1515 n 4 4 4 4 4 4 4 4

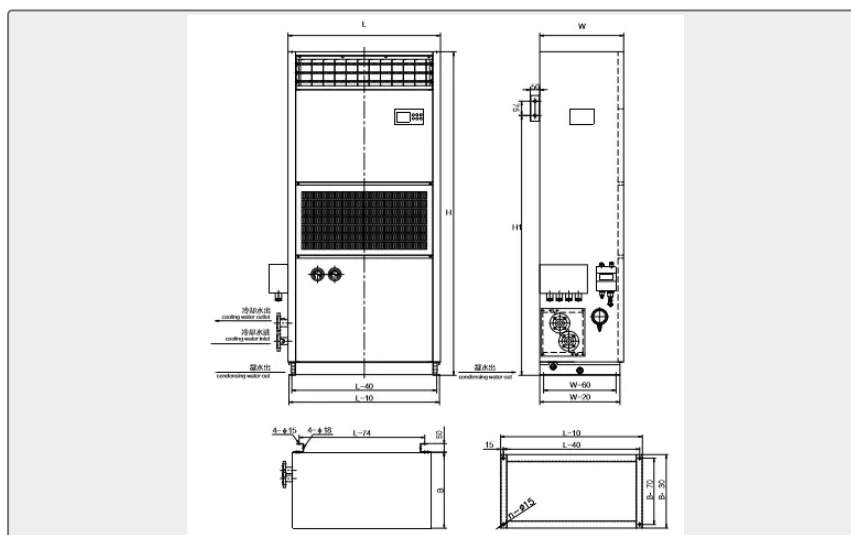
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Warranty	12 Months unless specified otherwise	Origin China

Description:

CLD-C Marine low noise self-contained AC unit is air handling unit to treat room air directly. It is improved type of CLD-B series. The AC unit adopts special structure design and professional noise reduction measure to reduce the noise of the unit. The units are suitable for the space with special requirement for noise, and can be widely used in different kinds of vessels, passenger ships, cargo ships and offshore platforms.

1. AC unit is mainly composed of compressor, condenser, evaporator, low noise centrifugal fan, etc.
2. AC unit adopts high-class hermetic scroll refrigeration compressor
3. AC unit adopts low noise forward multi-blades centrifugal fan
4. Main control elements adopt top class bands
5. Condenser adopts HAL77-2 or BFe30-1-1 efficient heat exchange tube with high anti-corrosion. Special structure design is adopted to prevent low refrigerant supply when ship swing
6. Improve unit structure, optimize system design, and reduce AC noise
7. AC unit adopts DDC control panel, operation become more convenient
8. Design, manufacture, inspection is conducted as per“CCS”rules and relevant standard of“vessel”
9. Product with special specification can be designed, manufactured as per customer requirement

Technical data:



Model		CLD-5C	CLD-6C	CLD-7C	CLD-8C	CLD-10C	CLD-12C	CLD-15C	CLD-20C
Cooling capacity	KW	5	6	7	8	10	12	15	20
	10 Kcal/h	4.3	5.1	6	6.8	8.6	10.3	12.9	17.2
Heating capacity	KW	3	3.6	4.2	4.8	6	7.2	9	12
	10 Kcal/h	2.5	3	3.6	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							
	KW	1.3	1.6	1.9	2.2	2.5	2.9	3.3	5
Condenser	Type	horizontal shell & tube and can condense and receive liquid efficiently							
	°C	≤32							
	m3/h	1.5	1.8	2.2	2.6	3	3.5	4.5	5.5
	Kpa	≤30							
	mm	DN25	DN25	DN25	DN25	DN25	DN25	DN32	DN32
Evaporator		Copper tube with copper (Al) fin							
Fan	Type	low noise centrifugal fan							
	Fan speed	high、middle、low							
	dB(A)	≤45	≤46	≤48	≤50	≤51	≤52	≤55	≤59
Dimension	mm	800	800	800	800	950	1050	1050	1350
	mm	440	440	440	440	440	550	550	600
	mm	1650	1650	1750	1750	1750	1840	1840	1900
Weight	kg	215	215	250	250	270	290	310	360

Model	CLD-5C	CLD-6C	CLD-7C	CLD-8C	CLD-10C	CLD-12C	CLD-15C	CLD-20C
L	800	800	800	800	950	1050	1050	1050
B	440	440	440	440	440	550	550	550
H	1650	1650	1750	1750	1750	1840	1840	1900
H1	1315	1315	1365	1365	1365	1455	1455	1515
n	4	4	4	4	4	4	4	4