MARINE AIR CONDITIONER

CLN-105 Marine Condensing Units

Description: CLN-105 Marine condensing units are to provide refrigerant liquid for direct end device of air conditioning system. The unit has features of new-design, easy-operation, stable-working, safety and co...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Air Conditioner
Standard	EN
Weight / Size	Item CLN-23 CLN-35 CLN-46 CLN-58 CLN-70 CLN-82 Cooling capacity KW 23 35...
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**	CLN-105-Marine-Condensing-Units

Standard	EN
Weight / Size	Item CLN-23 CLN-35 CLN-46 CLN-58 CLN-70 CLN-82 Cooling capacity KW 23 35 46 58 70 82 Cooling medium R22(R134a, R404A, R407C) Power supply main circuit AC380V 3P 50HZ/AC 440V 3P 60HZ control circuit AC220V 1P 50HZ/AC 220V 1P 60HZ Protection device High pressure, low pressure,oil pressure, water stop, lack phase, overload and safety valve Copressor Type Hermetic or semi-hermetic compressor Energy regulation % / 0,50,100 or(0,66,100) motor power KW 42 66 90 15 19 22 Condensor type Horizontal sheel&tube water inlet temp ℃ ≦36 water flow m3/h 3 7 10 13.5 17 20 water pressure loss kPa ≦50 ≦70 weight kg 680 900 1000 1000 1100 1200 Item CLN-93 CLN-105 CLN-116 CLN-140 CLN-151 CLN-175 Cooling capacity KW 93 105 116 140 151 175 Cooling medium R22(R134a, R404A, R407C) Power supply main circuit AC380V 3P 50HZ/AC 440V 3P 60HZ control circuit AC220V 1P 50HZ/AC 220V 1P 60HZ Protection device High pressure, low pressure,oil pressure, water stop, lack phase, overload and safety valve Compressor Type Hermetic or semi-hermetic compressor Energy regulation % / 0,50,100 or(0,66,100) motor power KW 24 26 30 37 2x22 2x24 Condensor type Horizontal sheel&tube water inlet temp ℃ ≤36 water flow m3/h 27 30 35 40 45 50 water pressure loss kPa ≤80 weight kg 1300 1350 1450 1580 1850 1950 Item CLN-186 CLN-198 CLN-230 CLN-256 CLN-267 CLN-302 Cooling capacity KW 186 198 230 256 267 302 Cooling medium R22(R134a, R404A, R407C) Power supply main circuit AC380V 3P 50HZ/AC 440V 3P 60HZ control circuit AC220V 1P 50HZ/AC 220V 1P

			60HZ Protection device High pressure, low pressure,oil pressure, water stop, lack phase, overload and safety valve Compressor Type Hermetic or semi-hermetic compressor Energy regulation % 0,50,75,100 or(0,50,66,100) motor power KW 2x24 2x26 2x30 2x33 2x37 2x40.5 Condensor type Horizontal sheel&tube water inlet temp ℃ ≤36 water flow m3/h 52 55 65 72 80 95 water pressure loss kPa ≤80 weight kg 2100 2150 2200 2250 2550 2750 Dimension:
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

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- Dimension:
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Description:

CLN-105 Marine condensing units are to provide refrigerant liquid for direct end device of air conditioning system. The unit has features of new-design, easy-operation, stable-working, safety and convenient-maintaining etc. they have widely applied for all kinds of passenger ships, cargo ships and oil platforms etc.

Mainly composed by compressor, condenser and control box etc.

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

Match with proper direct end device to form an integral system.

Special design and manufacture can be done upon user’s requirement.

Technical Data:

Item			CLN-23	CLN-35	CLN-46	CLN-58	CLN-70	CLN-82
Cooling capacity		KW	23	35	46	58	70	82
Cooling medium			R22(R134a, R404A, R407C)					
Power supply	main circuit		AC380V 3P 50HZ/AC 440V 3P 60HZ					
	control circuit		AC220V 1P 50HZ/AC 220V 1P 60HZ					
Protection device	High pressure, low pressure,oil pressure, water stop, lack phase, overload and safety valve							

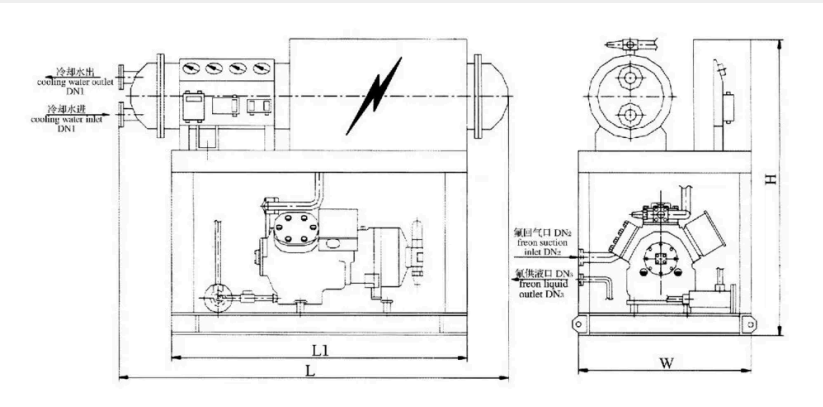
Copressor	Type	Hermetic or semi-hermetic compressor						
	Energy regulation	%	/			0,50,100 or(0,66,100)		
	motor power	KW	42	66	90	15	19	22
Condensor	type	Horizontal sheel&tube						
	water inlet temp	℃	≦36					
	water flow	m3/h	3	7	10	13.5	17	20
	water pressure loss	kPa	≦50			≦70		
weight		kg	680	900	1000	1000	1100	1200

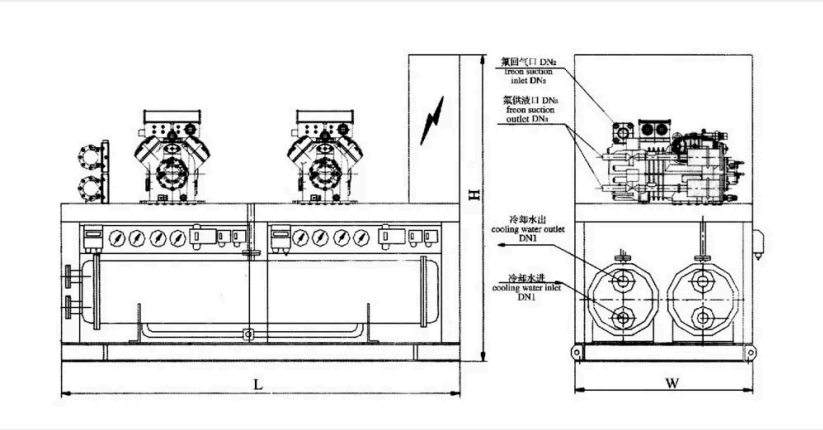
Item			CLN-93	CLN-105	CLN-116	CLN-140	CLN-151	CLN-175
Cooling capacity		KW	93	105	116	140	151	175
Cooling medium			R22(R134a, R404A, R407C)					
Power supply	main circuit		AC380V 3P 50HZ/AC 440V 3P 60HZ					
	control circuit		AC220V 1P 50HZ/AC 220V 1P 60HZ					
Protection device	High pressure, low pressure,oil pressure, water stop, lack phase, overload and safety valve							
Compressor	Type		Hermetic or semi-hermetic compressor					
	Energy regulation	%	/			0,50,100 or(0,66,100)		
	motor power	KW	24	26	30	37	2x22	2x24
Condensor	type		Horizontal sheel&tube					
	water inlet temp	℃	≤36					
	water flow	m3/h	27	30	35	40	45	50
	water pressure loss	kPa	≤80					
weight		kg	1300	1350	1450	1580	1850	1950

Item			CLN-186	CLN-198	CLN-230	CLN-256	CLN-267	CLN-302
Cooling capacity		KW	186	198	230	256	267	302
Cooling medium			R22(R134a, R404A, R407C)					
Power supply	main circuit		AC380V 3P 50HZ/AC 440V 3P 60HZ					
	control circuit		AC220V 1P 50HZ/AC 220V 1P 60HZ					
Protection device	High pressure, low pressure,oil pressure, water stop, lack phase, overload and safety valve							
Compressor	Type		Hermetic or semi-hermetic compressor					
	Energy regulation	%	0,50,75,100 or(0,50,66,100)					
	motor power	KW	2x24	2x26	2x30	2x33	2x37	2x40.5

Condensor	type	Horizontal sheel&tube						
	water inlet temp	℃	≤36					
	water flow	m3/h	52	55	65	72	80	95
	water pressure loss	kPa	≤80					
weight		kg	2100	2150	2200	2250	2550	2750

Dimension:





Model	L	W	H	L1	DN1	DN2	DN3
CLN-23	1250	700	1450	820	32	25	13
CLN-35	1550	700	1450	950	40	32	13
CLN-46	1550	750	1500	980	50	40	16
CLN-58	1880	750	1500	1100	50	40	19
CLN-70	1800	750	1500	1250	50	50	19
CLN-82	1850	850	1600	1100	65	50	19
CLN-93	1850	850	1600	1100	65	50	19
CLN-105	1850	850	1600	1100	65	50	19
CLN-116	1850	850	1750	1100	65	50	19
CLN-140	1850	900	1750	1350	80	50	19

Model	L	W	H	DN1	DN2	DN3
CLN-151	2050	980	1700	2-DN65	2-DN50	2-DN19
CLN-175	2050	980	1800	2-DN65	2-DN50	2-DN19
CLN-186	2150	980	1800	2-DN65	2-DN50	2-DN19
CLN-198	2150	1080	1800	2-DN65	2-DN50	2-DN19
CLN-230	2350	1150	1800	2-DN65	2-DN50	2-DN19
CLN-256	2350	1150	1920	2-DN80	2-DN50	2-DN25
CLN-267	1480	1250	1920	2-DN80	2-DN50	2-DN25
CLN-302	2580	1350	1980	2-DN100	2-DN50	2-DN25