

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MARINE AIR CONDITIONER

CHLS Marine Water Chilling Unit

Description: CHLS marine water chilling unit mainly consists of refrigeration compressor, marine high-efficient condenser, liquid supply solenoid valve, thermostatic expansion valve, dry-type evaporator, ...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights


Category	Marine Air Conditioner
Standard	EN
Weight / Size	Item CHLS-12 CHLS-23 CHLS-35 CHLS-46 CHLS-58 CHLS-70 CHLS-82 Cooling cap...
Certificate	CCS, BV, ABS, GL , LR, NK

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

Technical Specifications

Category	Marine Air Conditioner	Model / SKU	CHLS-Marine-Water-Chilling-Unit
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Standard	EN	Weight / Size	<p>Item CHLS-12 CHLS-23 CHLS-35 CHLS-46 CHLS-58 CHLS-70 CHLS-82 Cooling capacity KW 11.6 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 61HZ 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 24 Condensor type Horizontal sheel&tube water inlet temp °C ≤36 water flow m3/h 3 7 10 13.5 17 20 23 water pressure loss kPa ≤50 ≤70 Drier evaporator type Horizontal sheel&tube water inlet temp °C 12/7 water flow m3/h 3 7 6 8 10 12 14 water pressure loss kPa ≤60 weight kg 650 850 900 1100 1300 1450 1650 Item CHLS-93 CHLS-105 CHLS-116 CHLS-140 CHLS-151 CHLS-175 CHLS-210 Cooling capacity KW 93 105 116 140 151 175 210 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 61HZ Protection device High pressure, low pressure,oil pressure, water stop, lack phase, overload and safety valve Copressor Type semi-hermetic compressor Energy regulation % 0,50,100 or(0,66,100) 0,50,100 or(0,66,100) motor power KW 26 30 37 2x22 2x24 2x26 2x30 Condensor type Horizontal sheel&tube water inlet temp °C ≤36 water flow m3/h 26 30 35 40 42 50 60 water pressure loss kPa ≤50 ≤70 Drier evaporator type Horizontal sheel&tube water inlet temp °C 12/7 water flow m3/h 16 18 20 24 26 30 36 water pressure loss kPa ≤50 ≤70 Drier evaporator type Horizontal sheel&tube water inlet temp °C 12/7 water flow m3/h 16 18 20 24 26 30 36</p>
			 0.057137s

		loss kPa \leq 60 weight kg 1850 2000 2250 2450 2600 3100 3300 Dimension:
Certificate	CCS, BV, ABS, GL , LR, NK	Warranty 12 Months unless specified otherwise
Origin	China	

CONTENTS	<ul style="list-style-type: none"> ■ Description: ■ Dimension: 	<ul style="list-style-type: none"> ■ Technical Data:
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Description:

CHLS marine water chilling unit mainly consists of refrigeration compressor, marine high-efficient condenser, liquid supply solenoid valve, thermostatic expansion valve, dry-type evaporator, electrical control cabinet, instrument and valves, etc.

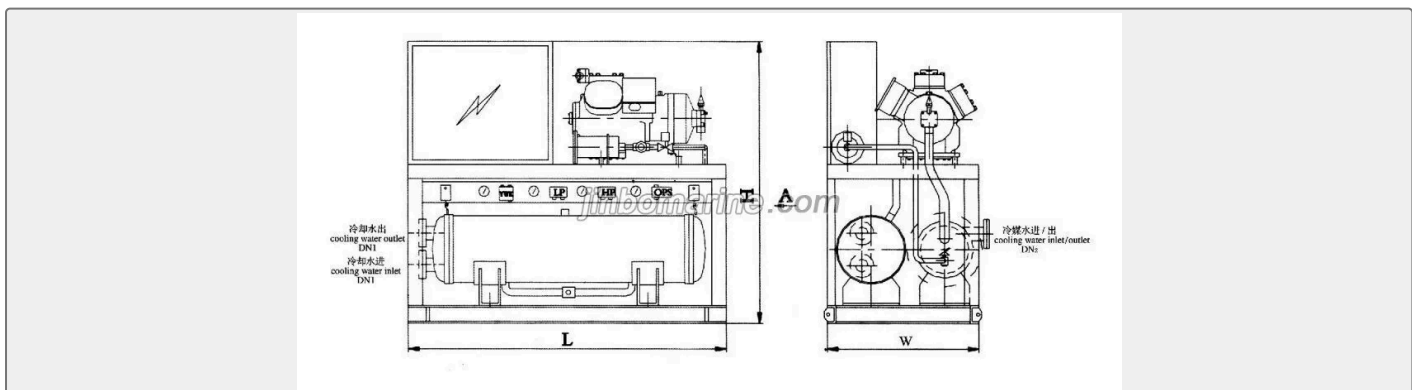
All components of this unit are already assembled by the manufacturer, also pressure test and vacuum test for cooling system are already done, sufficient amount of R404A gas is filled in.

Technical Data:

Item		CHLS-12	CHLS-23	CHLS-35	CHLS-46	CHLS-58	CHLS-70	CHLS-82	
Cooling capacity	KW	11.6	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 61HZ							
Protection device		High pressure, low pressure,oil pressure, water stop, lack phase, overload and safety valve							
Coproressor	Type	Hermetic or semi-hermetic compressor							
	Energy regulation	%	/				0,50,100 or(0,66,100)		
	motor power	KW	42	66	90	15	19	22	24
Condensor	type	Horizontal sheel&tube							
	water inlet temp	°C	\leq 36						
	water flow	m3/h	3	7	10	13.5	17	20	23
	water pressure loss	kPa	\leq 50			\leq 70			
Drier evaporator	type	Horizontal sheel&tube							
water inlet temp	°C	12/7							
water flow	m3/h	3	7	6	8	10	12	14	

water pressure loss	kPa	≤ 60								
weight	kg	650	850	900	1100	1300	1450	1650		
Item		CHLS-93	CHLS-105	CHLS-116	CHLS-140	CHLS-151	CHLS-175	CHLS-210		
Cooling capacity	KW	93	105	116	140	151	175	210		
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 61HZ								
Protection device		High pressure, low pressure, oil pressure, water stop, lack phase, overload and safety valve								
Copressor	Type	semi-hermetic compressor								
	Energy regulation	%	0,50,100 or(0,66,100)				0,50,100 or(0,66,100)			
	motor power	KW	26	30	37	2x22	2x24	2x26	2x30	
Condensor	type	Horizontal sheel&tube								
	water inlet temp	$^{\circ}\text{C}$	≤ 36							
	water flow	m ³ /h	26	30	35	40	42	50	60	
	water pressure loss	kPa	≤ 50				≤ 70			
Drier evaporator	type	Horizontal sheel&tube								
water inlet temp	$^{\circ}\text{C}$	12/7								
water flow	m ³ /h	16	18	20	24	26	30	36		
water pressure loss	kPa	≤ 60								
weight	kg	1850	2000	2250	2450	2600	3100	3300		

Dimension:



Model	CHLS-12	CHLS-23	CHLS-35	CHLS-46	CHLS-58	CHLS-70	CHLS-82
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L	1250	1450	1420	1680	1850	1800	1850
W	550	600	680	850	880	950	950
H	1200	1200	1480	1500	1500	1520	1620
DN1	DN25	DN32	DN40	DN40	DN50	DN65	DN65
DN2	DN25	DN32	DN40	DN40	DN50	DN65	DN65
Model	CHLS-93	CHLS-105	CHLS-116	CHLS-140	CHLS-151	CHLS-175	CHLS-210
L	2000	2050	2100	2100	2600	2650	2850
W	1150	1150	1180	1100	1450	1450	1450
H	1600	1620	1620	1750	1800	1850	1850
DN1	DN65	DN65	DN65	2-DN50	2-DN65	2-DN65	2-DN65
DN2	DN80	DN80	DN80	DN80	DN80	DN100	DN100