

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

Standard	EN	Weight / Size	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 ≤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	■ Description:	■ Technical Data:
	■ Dimension:	

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.

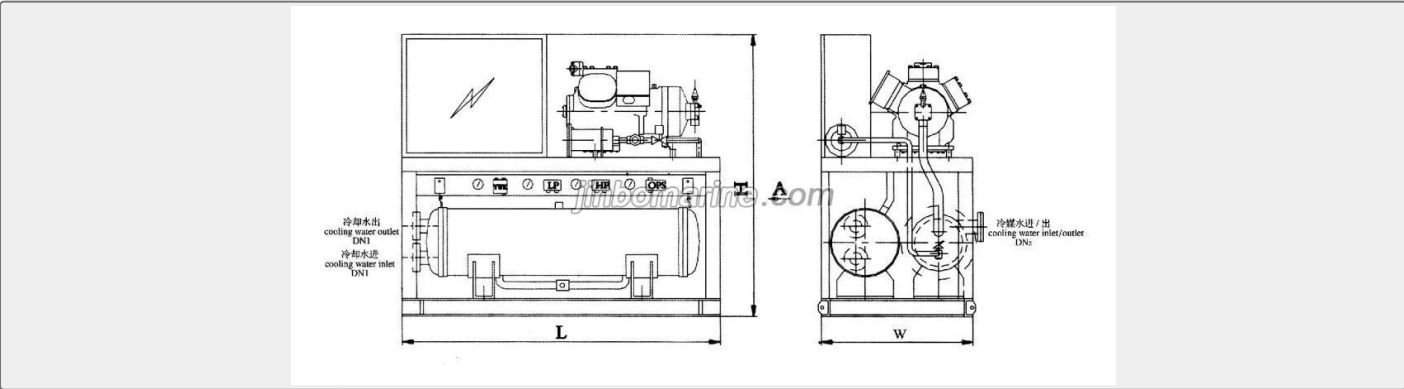
All components of this unit are already assembled by the manufacturer, also pressure test and vacuum test for cooling system are already done, sufficient amount of R404A gas is filled in.

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								
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	℃	≤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	℃	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	℃	≤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	℃	12/7							
water flow	m3/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
-------	---------	---------	---------	---------	---------	---------	---------

