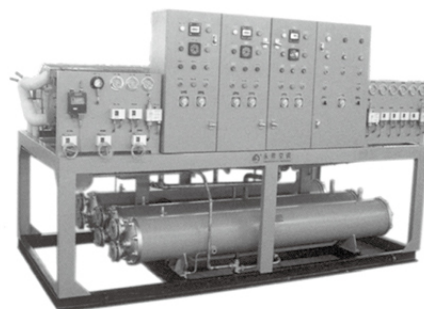


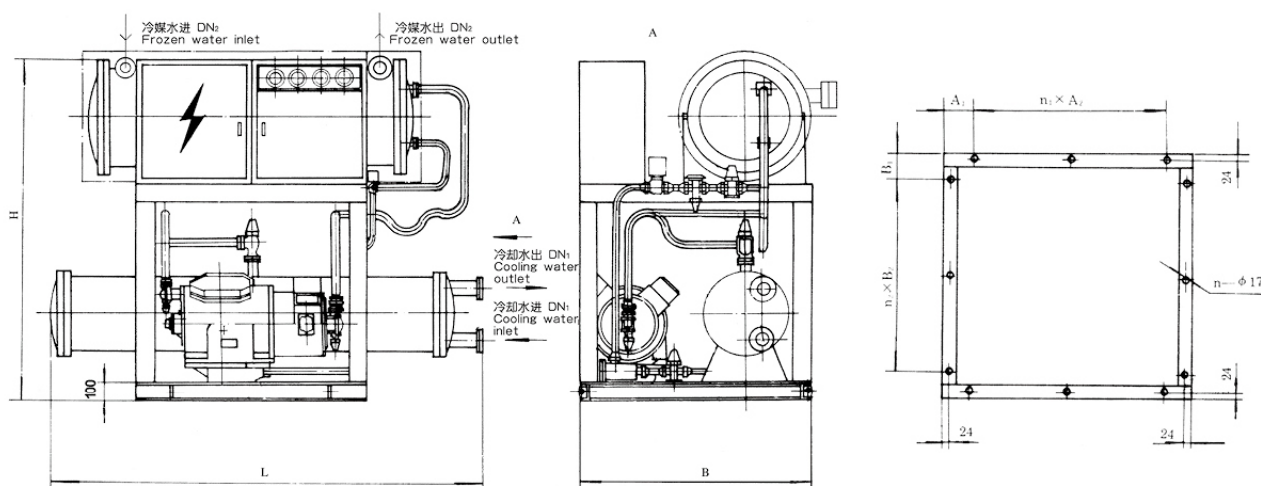
简介 Introduction

舰船用冷水机组主要由压缩机、冷凝器、干式蒸发器等组成，它具有设计新颖、操作方便、运行稳定、安全可靠的特点。出厂前已经过压力试验、真空试验及运转试验。船厂只需安装后接上冷却水和冷媒水管及接通电源即可投入运行，并配上适当的其它辅助设备即可组成完整的空调系统。



Navy or marine water chillers consist mainly of compressor, condenser and dry evaporator etc with features of new design, easy operation, smooth running and safety. Pressure test, vacuum test and performance test has been conducted on the chillers before ex-factory. It is ready to run after the cooling water and cooling medium pipe are conneted and power source is on. The chillers form a complete air conditioning system together with other assistance equipment.

MCW型舰船用冷水机组外形及底座安装尺寸图 Overall and Bottomcase Dimension Diagram



型号 Type	MCW-2	MCW-3	MCW-4	MCW-5	MCW-6	MCW-7	MCW-8	MCW-9	MCW-10	MCW-13	MCW-16	MCW-20	MCW-40
L	1400	1500	1650	1850	1850	2000	2100	2360	2360	2500	2600	2600	3100
B	900	1000	1000	1000	1100	1100	1100	1100	1200	1200	1200	1250	1500
H	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1550	1800
n	12	12	12	16	16	16	16	16	18	18	18	18	20
A ₁	100	100	150	80	80	80	80	80	80	80	80	80	100
A ₂	350	350	350	350	350	350	350	350	350	350	350	350	450
n ₁	2	2	2	4	4	4	4	4	4	4	4	4	5
B ₁	100	150	150	150	200	200	200	200	75	75	75	75	75
B ₂	350	350	350	350	350	350	350	350	350	350	350	350	350
n ₂	2	2	2	2	2	2	2	2	3	3	3	3	3
DN ₁	25	32	40	50	50	50	50	65	65	65	80	80	100
DN ₂	50	50	65	65	65	65	80	80	80	80	100	100	150

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MCW型舰船用冷水机组主要技术参数 Main Technical Parameter

项目/型号 Model/Type		MCW-2	MCW-3	MCW-4	MCW-5	MCW-6	MCW-7	MCW-8	MCW-9	MCW-10	MCW-13	MCW-16	MCW-20	MCW-40	
制冷能量 kw cooling energy		23.2	35	46.5	61.7	70.8	81.3	93	104.6	116	151	186	232	464	
制冷介质 cooling medium		R22(R404A R134a R407C)													
电源 Power supply		主电路Main circuit: AC380V, 3 φ, 50Hz 控制回路Control circuit: AC220V, 1 φ, 50Hz													
压缩机 Com-pressor	型式 Type	全封闭 Hermetic			半封闭活塞式 Semi-hermetic piston									活塞或螺杆 Piston or screw	
	能量调节% Energy regulation	—			0、50、100(或0、66、100)										
	电机功率KW Motor power	5.6	10	11.8	15.4	18.2	20	23.1	27.2	30	37	45	60	120	
冷凝器 Con-denser	型式 Type	卧式壳管式 Horizontal shell and tube													
	进水温度℃ Temperature of water inlet	≤32													
	冷却水量m³/h cooling water flow volume	6	10	12	15	18	21	24	27	30	40	50	60	120	
干式蒸发器 Drier evaporator	水压损失kPa Water pressure loss	30—50				60—90									
	型式 Type	卧式壳管式 Horizontal shell and tube													
	进出水温度 Water-inlet and outlet temp	12/7℃													
蒸发器	冷媒水量m³/h Forzen water flow volume	4	6	8	10	12	14	16	18	20	26	32	40	80	
	水压损失kPa Water pressure loss	60													
安全保护装置 Protections		高压、低压、(油压、)断水、防冻、缺相、过载、安全阀 (或易熔塞) High pressure、low pressure、(oil pressure、)water cutoff、anti-freezing、phase missing、overload、safety valve(or fusible plug)													
外形尺寸 Dim-ension	长 mm Length	1400	1500	1650	1850	1850	2000	2100	2360	2360	2500	2600	2600	3100	
	宽 mm Width	900	1000	1000	1000	1100	1100	1100	1100	1200	1200	1200	1250	1500	
	高 mm Height	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1550	1800	
重量 kg Weight		~1100	~1200	~1400	~1600	~1700	~1800	~2000	~2500	~2700	~2900	~3500	~3500	~5000	

- 表中所提供的制冷能量为蒸发温度2℃、冷凝温度40℃工作条件下的制冷量。
- 压缩机根据用户需要采用国内引进技术制造的产品或原装进口产品。
- 如有特殊技术要求可以根据用户情况进行个性化设计，以求最大限度满足不同用户的需要。
- 如电制采用60Hz，则技术参数作相应变动
- The cooling capacity is determined basing on evaporation temperature of 2℃ and condensation temp of 40℃.
- Compressor can employes imported products or local products with foreign technology according to the user's requirement.
- We can design the products according to users' special requirements so as to satisfy the needs of different users.
- If adopts 60Hz the relative technical parameters shall be changed.

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