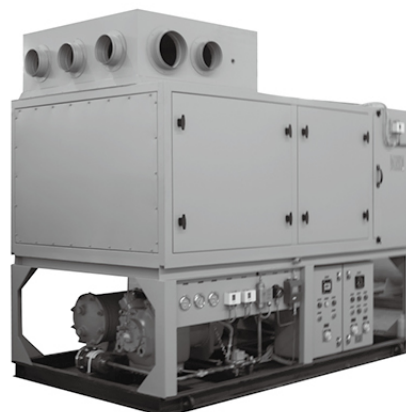


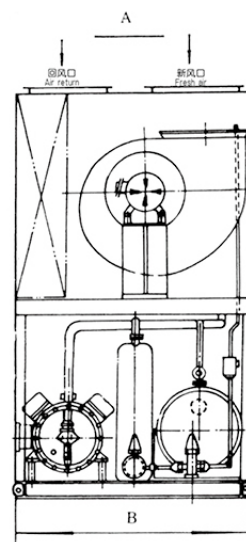
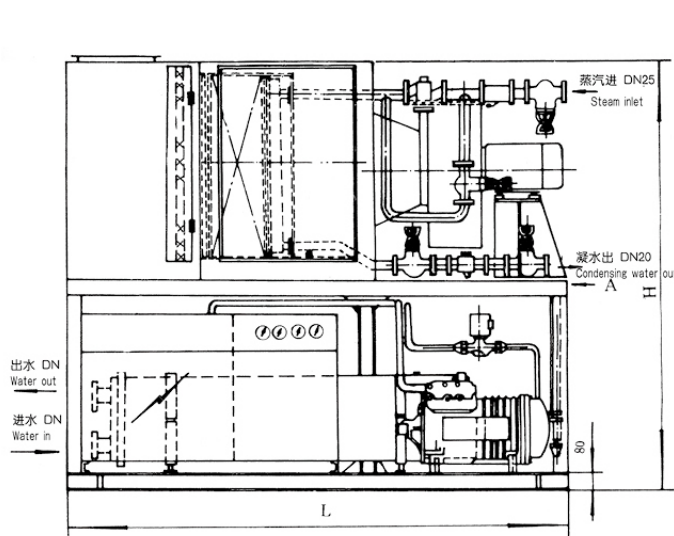
简介 Introduction

舰船用组装式空调装置是船舶空调系统的核心设备，能用来对空气进行温、湿度调节，给人们提供舒适的工作和生活环境，广泛用于各种类型客船、货船、舰艇及海上石油平台，它具有设计新颖、操作方便、运行稳定、安全可靠等特点。装置出厂前已通过压力试验、真空试验及运转试验，船厂安装时，仅需接通电源及连接必要的有关管路即可进行调试，投入运行。

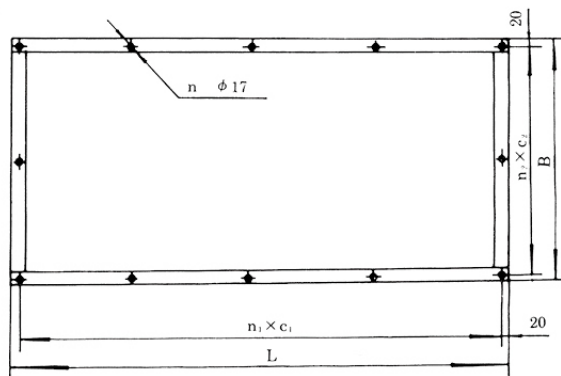
Navy or marine packaged air conditioner is the core of marine air conditioning system. It is intended to regulate the temperature and humidity of ambient air is applied widely to passenger ships, goods vessels, naval ships and offshore oil platforms. It has features of new design, easy operation, smooth running and safety. Pressure test, vacuum test and performance test have been conducted on the air conditioner. It is ready to run after the relevant piping is connected and power is on.



MPC-2、3、4型舰船用组装式空调装置外形及底座安装尺寸图 Overall and Bottomcase Dimension Diagram



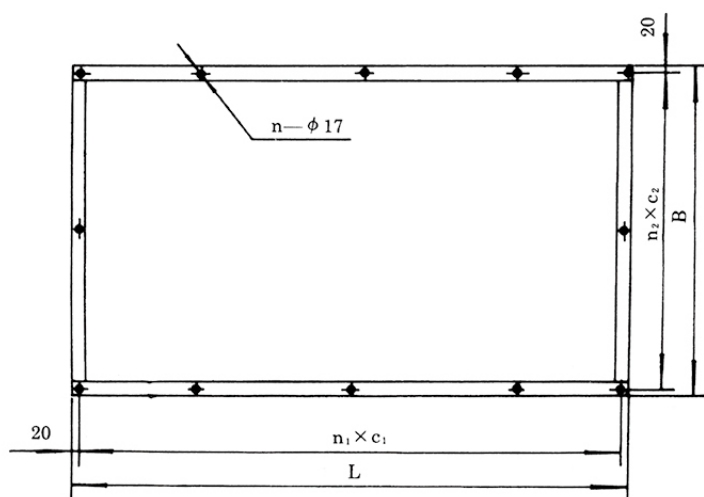
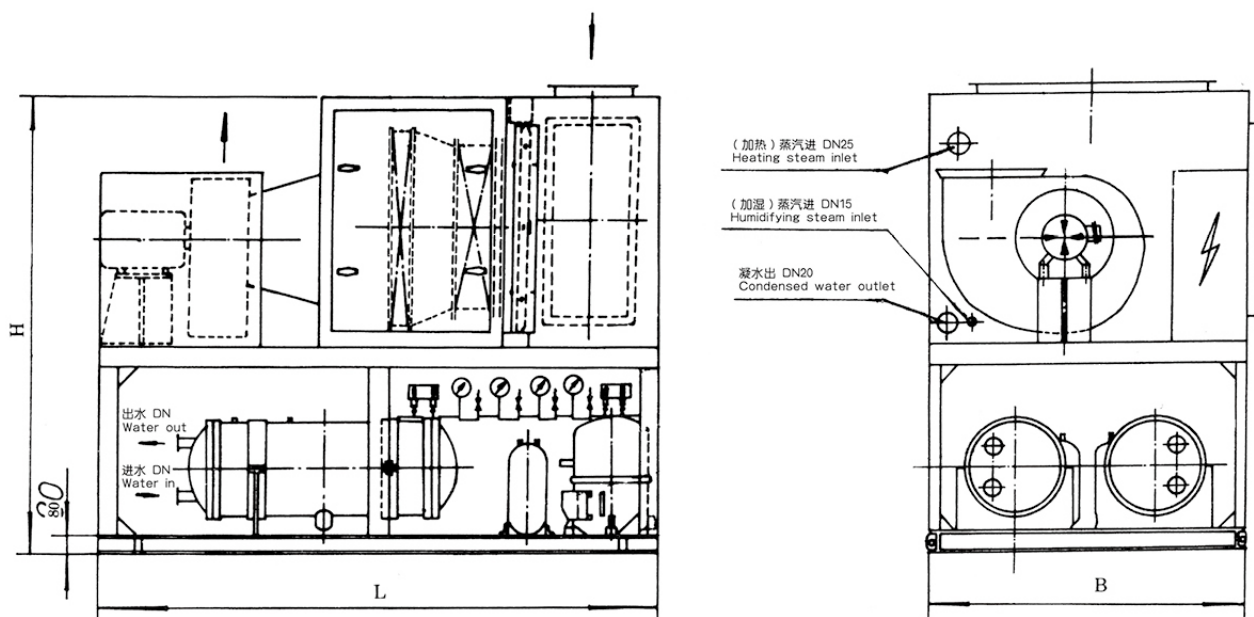
型号/项目 Model/Item	MPC-2	MPC-3	MPC-4
L	2000	2100	2100
B	1050	1050	1200
H	1900	1900	1810
n1	4	4	4
C1	490	515	515
n2	2	2	2
C2	505	505	505
n	12	12	12
DN	25	32	32



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MPC-2.6、3.6型舰船用组装式空调装置外形及底座安装尺寸图Overall and Bottomcase Dimension Diagram

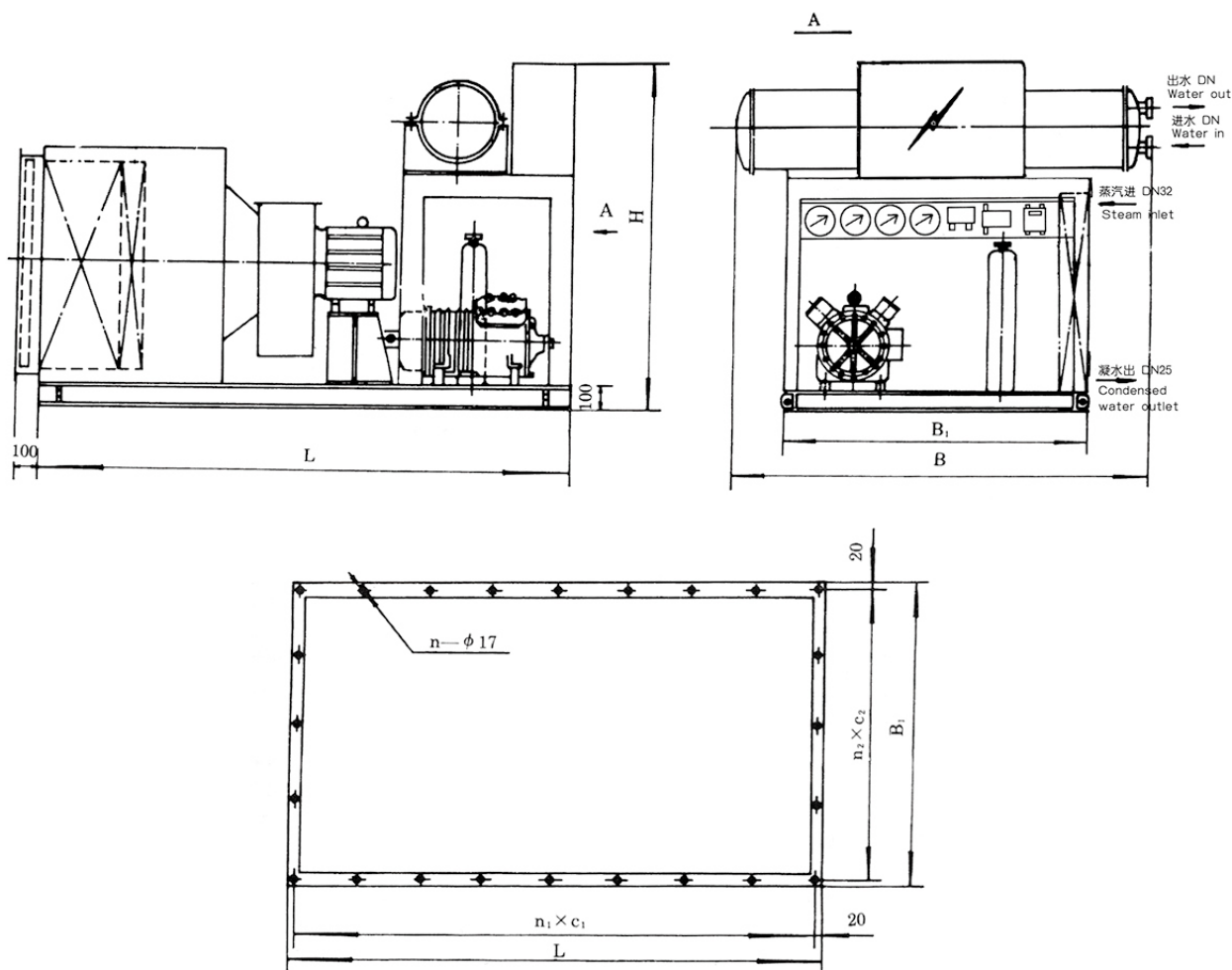


型号/项目 Model/Item	MPC-2.6	MPC-3.6
L	1800	2100
B	960	1200
H	1750	1750
n ₁	4	4
C ₁	440	515
n ₂	2	2
C ₂	460	580
n	12	12
DN	25	32

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MPC-5、6、7、8、10、13、16型舰船用组装式空调装置外形及底座安装尺寸图Overall and Bottomcase Dimension Diagram



型号/项目 Model/Item	MPC-5	MPC-6	MPC-7	MPC-8	MPC-10	MPC-13	MPC-16
L	2330	2600	2800	2800	2900	3500	3800
B	~1400	~1600	~1650	~1750	~1800	~2150	~2500
H	1750	1750	1750	1750	1750	1800	1900
B ₁	1320	1320	1400	1500	1600	1850	2100
n ₁	5	5	6	6	5	5	5
c ₁	458	512	460	460	572	692	752
n ₂	2	2	2	2	3	3	4
c ₂	640	640	680	730	520	603	515
n	14	14	16	16	16	16	18
DN	50	50	50	65	65	65	80

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MPC型舰船用组装式空调装置主要技术参数 Main Technical Parameter

项目/型号 Model/Type		MPC—2	MPC—2.6	MPC—3	MPC—3.3	MPC—4	MPC—5	MPC—6	MPC—7	MPC—8	MPC—10	MPC—13	MPC—16
制冷能量kw cooling energy		23.2	30.2	35	38.4	46.4	58	70	81.4	93	116	151	186
制热能量kw Heating energy		26.7	35	39.5	44.2	53.5	67.44	81.4	93	107	134	167	215
名义风量m ³ /h Namely air volume		2180	3710	3710	3710	4240	5010	6310	7160	8200	10500	12350	16100
机外静压Pa Outside static pressure		440	540	540	540	700	1030	1180	1470	1570	1700	1800	1760
制冷介质 Colling medium		R22(R404A R134a R407C)											
制热介质 Heating medium		0.3~0.4MPa饱和蒸汽(或电加热) Saturated steam (or Electric heat tabe)											
电源 Power supply		主电路Main circuit: AC380V,3φ, 50Hz						控制回路Control circuit: AC220V,1φ, 50Hz					
压缩机 Com- pressor	型式 Type	全封闭 Hermetic				半封闭活塞式或螺杆式 Semi-hermetic piston or screw type							
	电机功率KW Motor power	6.5	6.6	10	7.5	11	15	19	22	26	30	37	45
	能量调节% Energy adjustment	—				0、50、100(或60、100)							
风机 Fan	型式 Type	船用离心风机 Marine centrifugal fan											
	电机功率KW Motor power	2.2	2.2	3	2.2	3	5.5	5.5	7.5	11	11	15	15
冷 凝 器 Con- denser	型式 Type	卧式壳管式 Horizontal shell and tube											
	冷却水量m ³ /h Cooling water flow volume	6	7	10	10.5	12	15	18	21	24	30	40	50
	进水温度℃ Temperature of water inlet	≤32											
	水压损失kPa Water pressure loss	30	35	40	45	45	50	60	65	70	75	80	90
加 热 器 Heater	蒸发器型式 Evaporator type	铜管铜套片 Copper tube case copper fin											
	型式 Type	铜管铜套片 Copper tube case copper fin											
	蒸汽耗量kg/h Consumed steam	46	60	8	76	92	115	138	160	184	230	290	368
加 湿 器 Humi- difier	型式 Type	蒸汽喷雾式 Steam-sprayed											
	蒸汽耗量kg/h Consumed steam	8	10	12	12	16	20	24	28	32	40	52	64
空气过滤器 Air filter		凹凸型锦纶丝网或铝合金、可拆洗 Embossed polyamide fibre or aluminium alloy, removable & washable											
安全保护装置 Protections		高压、低压、(油压、)水压、过载保护、安全阀(全封闭及飞溅式润滑压缩机,无油压保护) High pressure, low pressure, (oil pressure,)water cutoff, overload, safety valve(Hermetic, splash-lubricated compressor without oil pressure protection)											
外形尺寸 Dim- ension	长 mm Length	2000	1800	2100	2100	2100	2330	2600	2800	2800	2900	3500	3800
	宽 mm Width	1050	960	1050	1200	1050	1850	1850	1950	2050	2150	2350	2600
	高 mm Height	1900	1750	1900	1750	1810	1750	1600	1750	1750	1750	1800	1900
	重量 kg Weight	~1200	~1400	~1400	~1400	~1500	~1700	~1900	~2150	~2300	~2800	~3200	~4100

- 制冷能量是在舱外空气温度35℃、相对湿度70%、舱内空气温度27℃、相对湿度50%条件下的冷量。
- 蒸汽加热器的加热量是在舱外空气温度-20℃、相对湿度50%、舱内空气温度20℃、相对湿度50%条件下的产热量。
- 机外静压为出风箱内的静压。
- 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
- Cooling capacity is determined basing on outdoor temperature of 35℃, RH of 70%, indoor temperature of 27℃ and RH of 50%.
- Heating of steam heater is determined basing on outdoor temperature of -20℃, RH of 50%, indoor temperature of 20℃ and RH of 50%.
- Outside static pressure refers to the static pressure within air supply box.
- Compressor can employ imported products or local products with foreign technology on user's, so as to satisfy the needs of different users.
- We can design the products according to users' special requirements.
- If adopts 60Hz the relative technical parameters shall be changed.

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