

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MARINE AIR CONDITIONER

CFK(B) Marine Explosion Proof Split Air Conditioner

ISO9001 Supplier

Class Certificate

Export Supply

Description: CFK(B) Marine Explosion Proof Split Air Conditioner is the cooling device, which can condition the air in chamber directly and composed by one marine explosion-proof condensing unit and all kinds of...



Key Highlights	
Category	Marine Air Conditioner
Standard	GB
Material	Model CFK(B)-3 CFK(B)-5 CFK(B)-6 CFK(B)-8 CFK(B)-9 CFK(F)-10 Cooling cap...
Weight / Size	Model CFK(B)-3 CFK(B)-5 CFK(B)-6 CFK(B)-8 CFK(B)-9 CFK(F)-10 Cooling cap...
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	CFK-B-Marine-Explosion-Proof-Split-Air-Conditioner
Standard	GB	Material	<p>Model CFK(B)-3 CFK(B)-5 CFK(B)-6 CFK(B)-8 CFK(B)-9 CFK(F)-10 Cooling capacity KW 3 5 6 8 9 10 Heating capacity KW 1.8 3 3.6 4.8 5.4 6 Explosion proof grade ExdIIBT4Gb Cooling medium R407C Heating type electric heating tube with stainless steel fin or light tube Power supply Main circuit AC 380V 3φ 50Hz AC 440V 3φ 60Hz Control circuit AC 220V 1φ 50Hz/ AC 220V 1φ 60Hz Protection devices Freon high pressure、 freon low pressure、 water stop、 super heat、 lack phase、 overload、 safety valve Compressor Type Hermetic scroll Motor power KW 1.8 1.9 2.3 3 3.3 3.7 Evaporator Copper tube with copper (Al) fin Indoor unit fan Type marine low noise centrifugal explosion proof fan Air Flow m3/h 650 850 1000 1400 1550 1700 Motor power W 370 370 370 370 370 370 Indoor unit fan Type marine low noise axial explosion proof fan Air Flow m3/h 2000 2800 3300 4400 5000 5500 Motor power W 0.55 0.55 0.55 0.55 0.55 0.55 Dimension Indoor unit mm 700x480x1600 850x480x1950 850x480x1783 Outdoor unit mm 1030x460x870 1100x480x945 1130x480x950 1250x480x975 1250x480x975 1300x480x1150 Indoor unit Weight kg 250 280 290 290 300 310 Outdoor unit Weight kg 240 280 290 310 320 370 Indoor unit noise dB(A) ≤60 ≤63 ≤63 ≤64 ≤65 ≤65 Outdoor unit noise dB(A) ≤72 ≤73 ≤73 ≤73 ≤73 ≤75 Sheet 2:</p>

<p>Weight / Size</p> <p>Model CFK(B)-3 CFK(B)-5 CFK(B)-6 CFK(B)-8 CFK(B)-9 CFK(F)-10 Cooling capacity KW 3 5 6 8 9 10 Heating capacity KW 1.8 3 3.6 4.8 5.4 6 Explosion proof grade ExdIIBT4Gb Cooling medium R407C Heating type electric heating tube with stainless steel fin or light tube Power supply Main circuit AC 380V 3φ 50Hz AC 440V 3φ 60Hz Control circuit AC 220V 1φ 50Hz/ AC 220V 1φ 60Hz Protection devices Freon high pressure、 freon low pressure、 water stop、 super heat、 lack phase、 overload、 safety valve Compressor Type Hermetic scroll Motor power KW 1.8 1.9 2.3 3 3.3 3.7 Evaporator Copper tube with copper (Al) fin Indoor unit fan Type marine low noise centrifugal explosion proof fan Air Flow m3/h 650 850 1000 1400 1550 1700 Motor power W 370 370 370 370 370 370 Indoor unit fan Type marine low noise axial explosion proof fan Air Flow m3/h 2000 2800 3300 4400 5000 5500 Motor power W 0.55 0.55 0.55 0.55 0.55 0.55 Dimension Indoor unit mm 700x480x1600 850x480x1950 850x480x1783 Outdoor unit mm 1030x460x870 1100x480x945 1130x480x950 1250x480x975 1250x480x975 1300x480x1150 Indoor unit Weight kg 250 280 290 290 300 310 Outdoor unit Weight kg 240 280 290 310 320 370 Indoor unit noise dB(A) ≤60 ≤63 ≤63 ≤64 ≤65 ≤65 Outdoor unit noise dB(A) ≤72 ≤73 ≤73 ≤73 ≤73 ≤75 Sheet 2:</p>	<p>Certificate</p> <p>ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS</p>
<p>Warranty</p> <p>12 Months unless specified otherwise</p>	<p>Origin</p> <p>China</p>

<p>CONTENTS</p>	<ul style="list-style-type: none"> ■ Description: ■ Technical data: 	<ul style="list-style-type: none"> ■ Feature:
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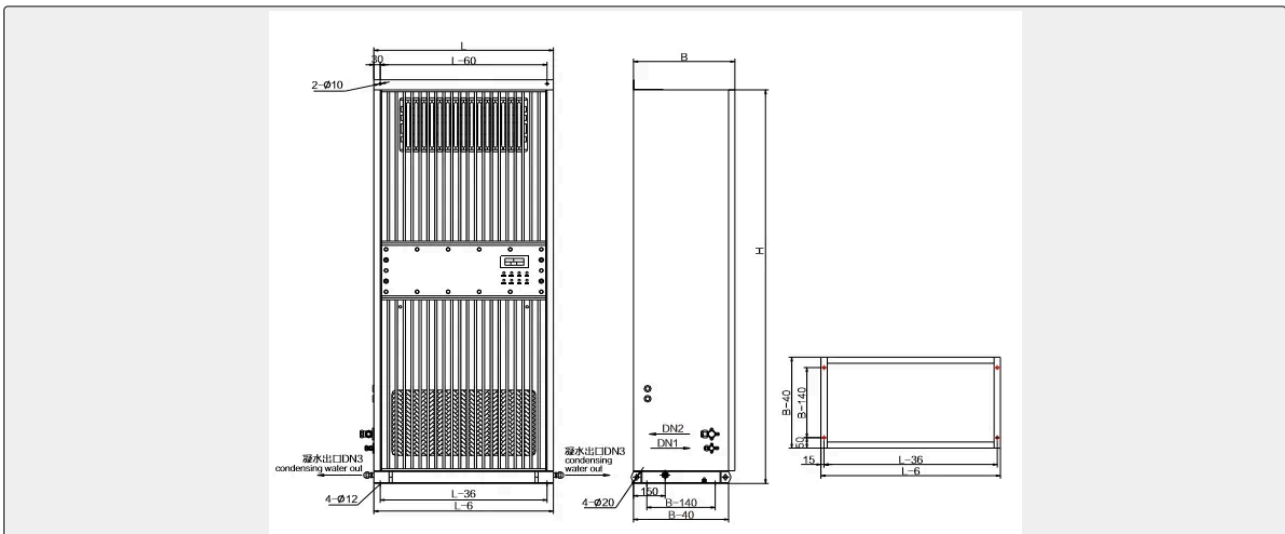
Description:

CFK(B) Marine Explosion Proof Split Air Conditioner is the cooling device, which can condition the air in chamber directly and composed by one marine explosion-proof condensing unit and all kinds of air handling units. The unit has features of new-design, easy-operation, stable-working, safety and convenience-maintaining etc. They are widely applied for all kinds of passenger ships, cargo ships and oil platforms etc.

Feature:

1. Mainly composed by compressor, condenser, drier evaporator and fan etc.
2. Choosing imported name brand refrigeration compressor
3. Main controls are imported famous brand
4. Heat exchanger is high efficient heat transferring pipe, which has strong anticorrosion
5. Motor, solenoid valve and junction box are explosion proof
6. Pressure test, vacuum test and running test have been done before delivery
7. Ready for operation after connected with water pipe, power source and charge freon
8. Design, manufacture and inspection comply with "CCS" and "navy" standards
9. Special design and manufacture can be done upon user's requirement

Technical data:

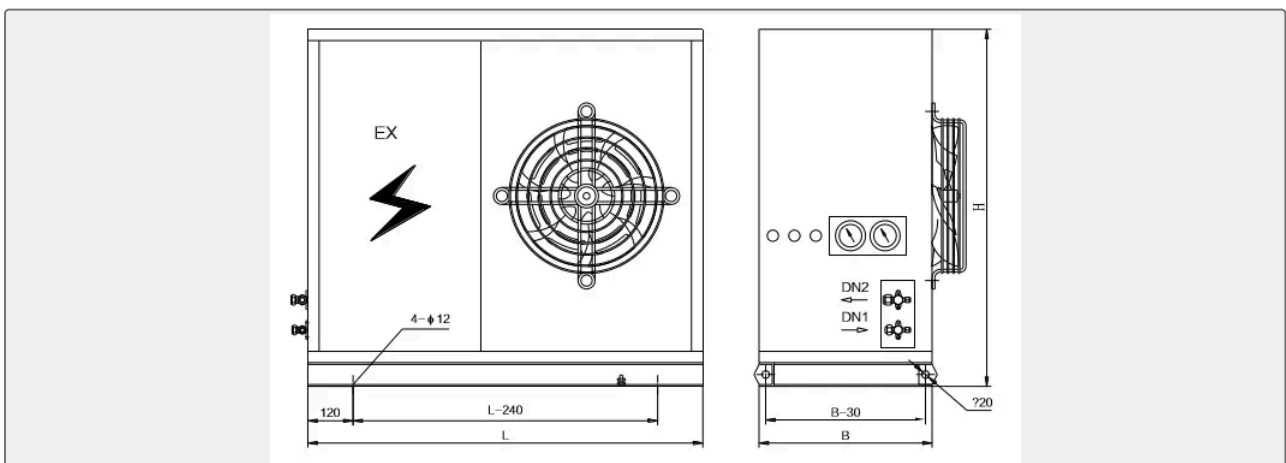


Sheet 1:

Model		CFK(B)-3	CFK(B)-5	CFK(B)-6	CFK(B)-8	CFK(B)-9	CFK(F)-10
Cooling capacity	KW	3	5	6	8	9	10
Heating capacity	KW	1.8	3	3.6	4.8	5.4	6
Explosion proof grade		ExdIIBT4Gb					
Cooling medium		R407C					
Heating type		electric heating tube with stainless steel fin or light tube					

Power supply		Main circuit	AC 380V 3φ 50Hz AC 440V 3φ 60Hz					
		Control circuit	AC 220V 1φ 50Hz/ AC 220V 1φ 60Hz					
Protection devices		Freon high pressure、 freon low pressure、 water stop、 super heat、 lack phase、 overload、 safety valve						
Compressor	Type	Hermetic scroll						
	Motor power	KW	1.8	1.9	2.3	3	3.3	3.7
Evaporator		Copper tube with copper (Al) fin						
Indoor unit fan	Type	marine low noise centrifugal explosion proof fan						
	Air Flow	m3/h	650	850	1000	1400	1550	1700
	Motor power	W	370	370	370	370	370	370
Indoor unit fan	Type	marine low noise axial explosion proof fan						
	Air Flow	m3/h	2000	2800	3300	4400	5000	5500
	Motor power	W	0.55	0.55	0.55	0.55	0.55	0.55
Dimension	Indoor unit	mm	700x480x1600	850x480x1950			850x480x1783	
	Outdoor unit	mm	1030x460x870	1100x480x945	1130x480x950	1250x480x975	1250x480x975	1300x480x1150
Indoor unit Weight		kg	250	280	290	290	300	310
Outdoor unit Weight		kg	240	280	290	310	320	370
Indoor unit noise		dB(A)	≤60	≤63	≤63	≤64	≤65	≤65
Outdoor unit noise		dB(A)	≤72	≤73	≤73	≤73	≤73	≤75

Sheet 2:



Model		CFK(B)-11	CFK(B)-12	CFK(B)-13	CFK(B)-14	CFK(B)-15	
Cooling capacity	KW	11	12	13	14	15	
Heating capacity	KW	6.6	7.2	7.8	8.4	9	
Explosion proof grade		ExdIIBT4Gb					
Cooling medium		R407C					
Heating type		electric heating tube with stainless steel fin or light tube					
Power supply	Main circuit	AC 380V 3φ 50Hz AC 440V 3φ 60Hz					
	Control circuit	AC 220V 1φ 50Hz/ AC 220V 1φ 60Hz					
Protection devices		Freon high pressure、 freon low pressure、 water stop、 super heat、 lack phase、 overload、 safety valve					
Compressor	Type	Hermetic scroll					
	Motor power	KW	4	4.4	4.8	5.2	5.5
Evaporator		Copper tube with copper (Al) fin					
Indoor unit fan	Type	marine low noise centrifugal explosion proof fan					
	Air Flow	m3/h	1900	2100	2200	2400	2600
	Motor power	W	370	370	370	370	370
Indoor unit fan	Type	marine low noise axial explosion proof fan					
	Air Flow	m3/h	6000	6600	7200	7700	8200
	Motor power	W	0.75	0.75	0.55x2	0.55x2	0.55x2
Dimension	Indoor unit	mm	700x480x1600			850x480x1950	850x480x1783
	Outdoor unit	mm	1030x460x870	1100x480x945	1130x480x950	1250x480x975	1250x480x975
Indoor unit Weight		kg	325	335	340	365	370
Outdoor unit Weight		kg	380	410	420	440	450
Indoor unit noise		dB(A)	≤60	≤63	≤63	≤64	≤65
Outdoor unit noise		dB(A)	≤72	≤73	≤73	≤73	≤73