

# Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

## MARINE AIR CONDITIONER

# CFK(F) Marine Air Cooled Split Air Conditioner

ISO9001 Supplier

Class Certificate

Export Supply

Description: CFK(F) series marine air cooled split air conditioner is the cooling device, which can condition the air in chamber directly and composed by one marine air cooled condensing unit and all kinds of air...



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### Key Highlights

Category	Marine Air Conditioner
Standard	EN
Material	Model CFK(F)-3 CFK(F)-4 CFK(F)-5 CFK(F)-6 CFK(F)-7 CFK(F)-8 CFK(F)-10 Co...
Weight / Size	Model CFK(F)-3 CFK(F)-4 CFK(F)-5 CFK(F)-6 CFK(F)-7 CFK(F)-8 CFK(F)-10 Co...
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**

<b>Category</b>	Marine Air Conditioner	<b>Model / SKU</b>	CFK-F-Marine-Air-Cooled-Split-Air-Conditioner
<b>Standard</b>	EN	<b>Material</b>	<p>Model CFK(F)-3 CFK(F)-4                      CFK(F)-5 CFK(F)-6 CFK(F)-7                      CFK(F)-8 CFK(F)-10 Cooling                      capacity KW 3 4 5 6 7 8 10                      Heating capacity KW 1.5 2 2.5 3                      3.5 4 5 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 1.4 1.4 2 2.3 2.3                      2.5 3.2 Evaporator Copper tube                      with copper ( Al ) fin Indoor unit                      fan Type low noise centrifugal fan                      Air Flow m3/h 600 800 1000 1200                      1200 1400 1800 Motor power W                      40 40 40 40 90 90 90 Indoor unit                      fan Type low noise axial fan Air                      Flow m3/h 2000 2200 2800 3800                      3800 4400 5400 Motor power W                      0.37 0.37 0.37 0.37 0.37 0.55 0.55                      Dimension Indoor unit mm                      950x380x400 750x500x1000                      Indoor unit type wall mounted                      floor mounted Outdoor unit mm                      900x460x900 1050x460x950                      1150x460x1000                      1250x460x1150 Indoor unit                      Weight kg 62 65 120 130 140 140                      156 Outdoor unit Weight kg 170                      175 180 195 220 230 235 Indoor                      unit noise dB(A) ≤54 ≤54 ≤55 ≤56                      ≤56 ≤57 ≤58 Outdoor unit noise                      dB(A) ≤75 ≤75 ≤78 ≤78 ≤78 ≤78                      ≤78 Sheet 2:</p>

<p><b>Weight / Size</b></p> <p>Model CFK(F)-3 CFK(F)-4                  CFK(F)-5 CFK(F)-6 CFK(F)-7                  CFK(F)-8 CFK(F)-10 Cooling                  capacity KW 3 4 5 6 7 8 10                  Heating capacity KW 1.5 2 2.5 3                  3.5 4 5 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 1.4 1.4 2 2.3 2.3                  2.5 3.2 Evaporator Copper tube                  with copper ( Al ) fin Indoor unit                  fan Type low noise centrifugal fan                  Air Flow m3/h 600 800 1000 1200                  1200 1400 1800 Motor power W                  40 40 40 40 90 90 90 Indoor unit                  fan Type low noise axial fan Air                  Flow m3/h 2000 2200 2800 3800                  3800 4400 5400 Motor power W                  0.37 0.37 0.37 0.37 0.37 0.55 0.55                  Dimension Indoor unit mm                  950x380x400 750x500x1000                  Indoor unit type wall mounted                  floor mounted Outdoor unit mm                  900x460x900 1050x460x950                  1150x460x1000                  1250x460x1150 Indoor unit                  Weight kg 62 65 120 130 140 140                  156 Outdoor unit Weight kg 170                  175 180 195 220 230 235 Indoor                  unit noise dB(A) ≤54 ≤54 ≤55 ≤56                  ≤56 ≤57 ≤58 Outdoor unit noise                  dB(A) ≤75 ≤75 ≤78 ≤78 ≤78 ≤78                  ≤78 Sheet 2:</p>	<p><b>Certificate</b></p> <p>ABS, LR, BV, DNVGL, NK, KR,                  IRS, RMRS, CCS</p>
<p><b>Warranty</b></p> <p>12 Months unless specified                  otherwise</p>	<p><b>Origin</b></p> <p>China</p>

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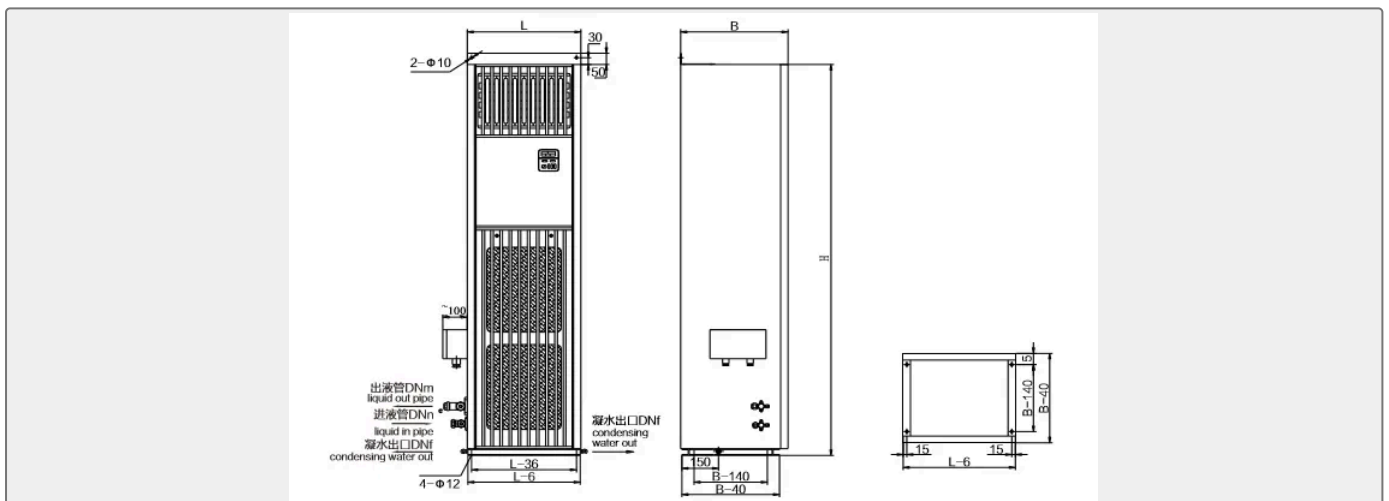
## Description:

CFK(F) series marine air cooled split air conditioner is the cooling device, which can condition the air in chamber directly and composed by one marine air cooled condensing unit and all kinds of air handling units. The unit has features of new-design, easy-operation, stable working, safety and convenient-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, direct 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. Pressure test, vacuum test and running test have been done before delivery
6. Ready for operation after connected with water pipe, power source and charge freon.
7. Design, manufacture and inspection comply with relative“CCS”and“navy”standards
8. Special design and manufacture can be done upon user’s requirement.

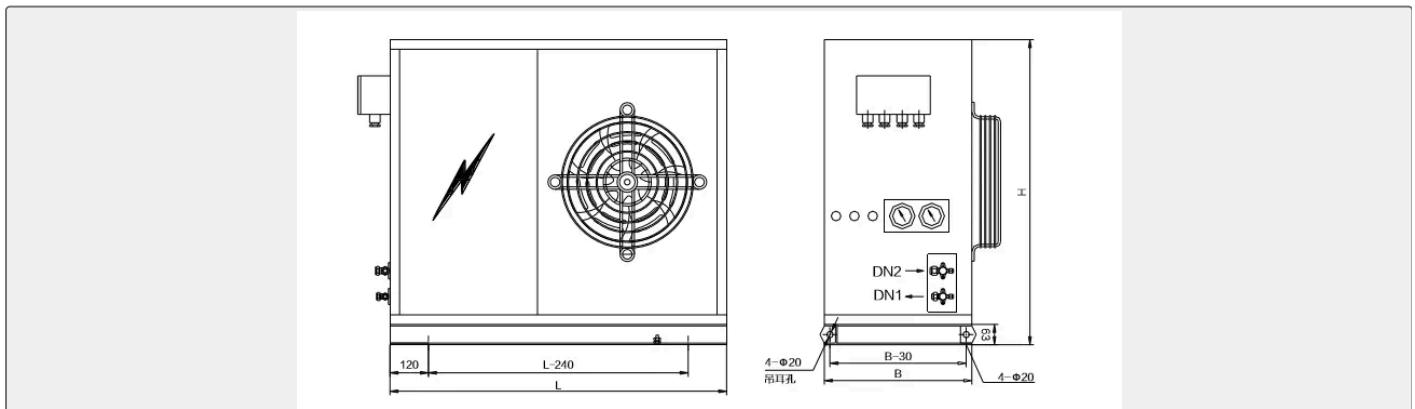
## Technical data:



### Sheet 1:

Model		CFK(F)-3	CFK(F)-4	CFK(F)-5	CFK(F)-6	CFK(F)-7	CFK(F)-8	CFK(F)-10
Cooling capacity	KW	3	4	5	6	7	8	10
Heating capacity	KW	1.5	2	2.5	3	3.5	4	5
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	1.4	1.4	2	2.3	2.3	2.5	3.2	
Evaporator			Copper tube with copper ( Al ) fin							
Indoor unit fan	Type		low noise centrifugal fan							
	Air Flow	m3/h	600	800	1000	1200	1200	1400	1800	
	Motor power	W	40	40	40	40	90	90	90	
Indoor unit fan	Type		low noise axial fan							
	Air Flow	m3/h	2000	2200	2800	3800	3800	4400	5400	
	Motor power	W	0.37	0.37	0.37	0.37	0.37	0.55	0.55	
Dimension	Indoor unit	mm	950x380x400				750x500x1000			
	Indoor unit type		wall mounted				floor mounted			
	Outdoor unit	mm	900x460x900			1050x460x950		1150x460x1000	1250x460x1150	
Indoor unit Weight		kg	62	65	120	130	140	140	156	
Outdoor unit Weight		kg	170	175	180	195	220	230	235	
Indoor unit noise		dB(A)	≤54	≤54	≤55	≤56	≤56	≤57	≤58	
Outdoor unit noise		dB(A)	≤75	≤75	≤78	≤78	≤78	≤78	≤78	

**Sheet 2:**

Model		CFK(F)-11	CFK(F)-12	CFK(F)-13	CFK(F)-14	CFK(F)-15	CFK(F)-20	CFK(F)-25	
Cooling capacity	KW	11	12	13	14	15	20	25	
Heating capacity	KW	1.5	2	2.5	3	3.5	4	5	
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	3.8	3.8	4.7	4.9	5.6	6.1	7
Evaporator		Copper tube with copper ( Al ) fin							
Indoor unit fan	Type	low noise centrifugal fan							
	Air Flow	m3/h	2200	2400	2600	2800	3000	4000	5000
	Motor power	W	90	90	90x2	90x2	90x2	90x2	90x2
Indoor unit fan	Type	low noise axial fan							
	Air Flow	m3/h	6000	6300	7200	7600	8000	11500	13000
	Motor power	W	0.55	0.55	0.55	0.75	0.75	0.55x2	0.55x2
Dimension	Indoor unit	mm	600x400x1750		1000x460x1780		1100x500x1783		1200x500x1800
	Indoor unit type		floor mounted						
	Outdoor unit	mm	1300x460x1250		1300x460x1350		1400x460x1350	1500x500x1500	
Indoor unit Weight	kg	165	170	185	192	210	230	270	
Outdoor unit Weight	kg	260	280	290	310	320	340	400	
Indoor unit noise	dB(A)	≤60	≤60	≤61	≤61	≤61	≤63	≤65	
Outdoor unit noise	dB(A)	≤78	≤78	≤78	≤79	≤79	≤79	≤80	