

# Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

## MARINE AIR CONDITIONER

# CFFK Series Marine Air Cooled Split Air Conditioner

ISO9001 Supplier

Class Certificate

Export Supply

Description: 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&nbsp;war ...



### Key Highlights

<b>Category</b>	Marine Air Conditioner
<b>Standard</b>	EN
<b>Material</b>	Model CFFK-3 CFFK-4 CFFK-5 CFFK-6 CFFK-7 CFFK-8 CFFK-10 Cooling capacit...
<b>Weight / Size</b>	Of indoor/outdoor unit gas pipe mm $\Phi$ 12x1 $\Phi$ 12x1 $\Phi$ 16x1.5 $\Phi$ 19x1.5 $\Phi$ 19x1.5 $\Phi$ ...
<b>Certificate</b>	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>	CFFK-Series-Marine-Air-Cooled-Split-Air-Conditioner
<b>Standard</b>	EN	<b>Material</b>	<p>Model CFFK-3 CFFK-4 CFFK-5 CFFK-6 CFFK-7 CFFK-8 CFFK-10</p> <p>Cooling capacity kw 3 4 5 6 7 8 10 Heating capacity kw 5.5 6 6.5 7 7.5 10 12.5 Cooling medium R22(R134a.R404A,R407C)</p> <p>Heating type electric heating tube with stainless steel fin or light tube Power supply Main circuit AC380V 3P 50HZ/AC440V 3P 60HZ control circuit AC220V 1P 50HZ/AC220V 1P 60HZ Protection devices high pressure,low pressure, super heat, lack phase, overload Compressor type hermetic motor power kw 1.4 1.4 1.8 2.3 2.5 2.9 3.6 Evaporator type copper tube copper (AL) fin indoor unit fan type Low noise centrifugal fan air flow m3/h 600 800 1000 1200 1400 1600 2000 motor power w 40 40 40 40 90 90 Cooling fan of outdoor unit type Low noise Axial fan air flow m3/h 2000 2200 2800 3300 3800 4400 5400 motor power w 0.37 0.37 0.37 0.55 0.75 0.75 Dia.</p>

<p><b>Weight / Size</b></p>	<p>Of indoor/outdoor unit gas pipe mm <math>\Phi</math>12x1 <math>\Phi</math>12x1 <math>\Phi</math>16x1.5 <math>\Phi</math>19x1.5 <math>\Phi</math>19x1.5 <math>\Phi</math>19x1.5 <math>\Phi</math>19x1.5 Connection pipe length of indoor and outdoor unit mm <math>\leq</math>12000 Dimension indoor unit mm 950x380x400 466x440x1750 indoor unit type mm wall mounted floor mounted outdoor unit mm 900x460x900 1050x480x950 1150x480x1000 1250x480x1150 Indoor unit weight kg 65 70 130 135 150 150 160 Outdoor unit weight kg 170 180 190 200 220 240 240 Indoor unit noise dB(A) <math>\leq</math>60 <math>\leq</math>60 <math>\leq</math>60 <math>\leq</math>60 <math>\leq</math>60 <math>\leq</math>60 <math>\leq</math>60 Outdoor unit noise dB(A) <math>\leq</math>80 <math>\leq</math>80 <math>\leq</math>80 <math>\leq</math>85 <math>\leq</math>85 <math>\leq</math>85 <math>\leq</math>85 Model CFFK-11 CFFK-12 CFFK-13 CFFK-14 CFFK-15 CFFK-20 CFFK-25 Cooling capacity kw 11 12 13 14 15 20 25 Heating capacity kw 5.5 6 6.5 7 7.5 10 12.5 Cooling medium R22(R134a,R404A,R407C) Heating type electric heating tube with stainless steel fin or light tube Power supply Main circuit AC380V 3P 50HZ/AC440V 3P 60HZ control circuit AC220V 1P 50HZ/AC220V 1P 60HZ Protection devices high pressure,low pressure, super heat, lack phase, overload Compressor type hermetic motor power kw 4 4.2 4.7 4.9 5.6 6.1 7 Evaporator type copper tube copper (AL) fin Condenser type horizontal shell&amp;tube and can condense and receive liquid efficiendy water inlet temp °C <math>\leq</math>32 water flow m3/h 1.5 1.5 2.5 2.5 2.6 3 3.7 water press.</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>■ Dimension:</li> </ul>	<ul style="list-style-type: none"> <li>■ Technical Data:</li> </ul>
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## Description:

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 war 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 hips cargo ships and oil platforms etc.

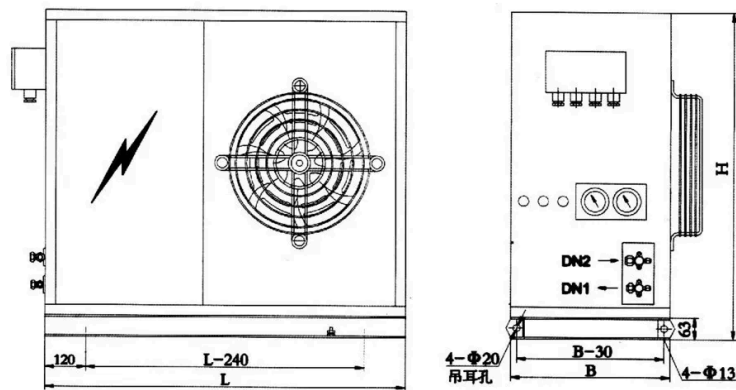
## Technical Data:

Model		CFFK-3	CFFK-4	CFFK-5	CFFK-6	CFFK-7	CFFK-8	CFFK-10	
Cooling capacity	kw	3	4	5	6	7	8	10	
Heating capacity	kw	5.5	6	6.5	7	7.5	10	12.5	
Cooling medium		R22(R134a,R404A,R407C)							
Heating type		electric heating tube with stainless steel fin or light tube							
Power supply	Main circuit	AC380V 3P 50HZ/AC440V 3P 60HZ							
	control circuit	AC220V 1P 50HZ/AC220V 1P 60HZ							
Protection devices		high pressure,low pressure, super heat, lack phase, overload							
Compressor	type	hermtic							
	motor power	kw	1.4	1.4	1.8	2.3	2.5	2.9	3.6
Evaporator type		copper tube copper (AL) fin							
indoor uint fan	type	Low noise centrifugal fan							
	air flow	m3/h	600	800	1000	1200	1400	1600	2000
	motor power	w	40	40	40	40	90	90	90
Cooling fan of outdoor uint	type	Low noise Axial fan							
	air flow	m3/h	2000	2200	2800	3300	3800	4400	5400
	motor power	w	0.37	0.37	0.37	0.37	0.55	0.75	0.75
Dia. Of indoor/outdoor unit liquid pipe		mm	Φ10x1	Φ10x1	Φ10x1	Φ10x1	Φ12x1	Φ12x1	Φ12x1
Dia. Of indoor/outdoor unit gas pipe		mm	Φ12x1	Φ12x1	Φ16x1.5	Φ19x1.5	Φ19x1.5	Φ19x1.5	Φ19x1.5
Connection pipe length of indoor and outdoor unit		mm	≤12000						
Dimension	indoor unit	mm	950x380x400		466x440x1750				
	indoor unit type	mm	wall mounted		floor mounted				
	outdoor unit	mm	900x460x900		1050x480x950		1150x480x1000		1250x480x1150
Indoor unit weight		kg	65	70	130	135	150	150	160
Outdoor unit weight		kg	170	180	190	200	220	240	240
Indoor unit noise		dB(A)	≤60	≤60	≤60	≤60	≤60	≤60	≤60

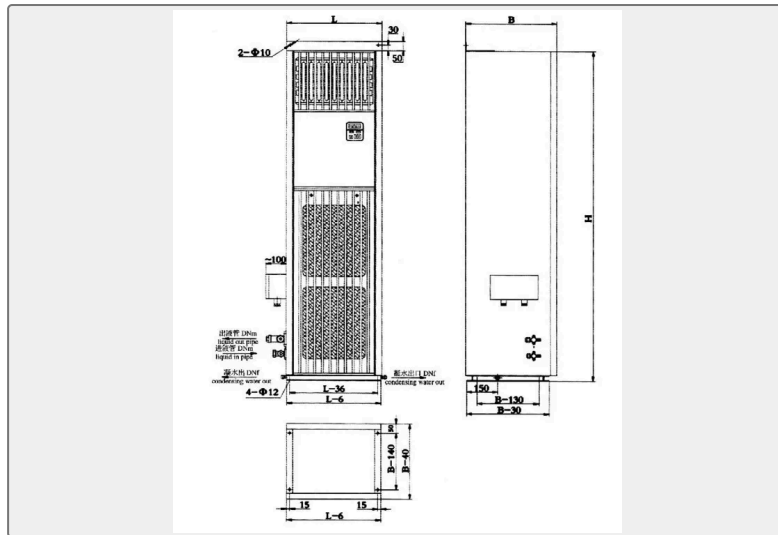
Outdoor unit noise		dB(A)	≤80	≤80	≤80	≤85	≤85	≤85	≤85
Model			CFFK-11	CFFK-12	CFFK-13	CFFK-14	CFFK-15	CFFK-20	CFFK-25
Cooling capacity		kw	11	12	13	14	15	20	25
Heating capacity		kw	5.5	6	6.5	7	7.5	10	12.5
Cooling medium			R22(R134a,R404A,R407C)						
Heating type			electric heating tube with stainless steel fin or light tube						
Power supply	Main circuit		AC380V 3P 50HZ/AC440V 3P 60HZ						
	control circuit		AC220V 1P 50HZ/AC220V 1P 60HZ						
Protection devices			high pressure,low pressure, super heat, lack phase, overload						
Compressor	type		hermetic						
	motor power	kw	4	4.2	4.7	4.9	5.6	6.1	7
Evaporator type			copper tube copper (AL) fin						
Condenser	type		horizontal shell&tube and can condense and receive liquid efficiently						
	water inlet temp	°C	≤32						
	water flow	m <sup>3</sup> /h	1.5	1.5	2.5	2.5	2.6	3	3.7
	water press. Drop	kpa	≤30						
	Dia. of inlet and outlet water	mm	DN25	DN25	DN25	DN25	DN25	DN25	DN25
indoor unit fan	type		Low noise centrifugal fan						
	air flow	m <sup>3</sup> /h	2200	2400	2600	2800	3000	4000	5000
	motor power	w	90	90	90X2	90X2	90X2	90X2	90X2
Cooling fan of outdoor unit	type		Low noise Axial fan						
	air flow	m <sup>3</sup> /h	6000	6300	7200	7600	8600	11500	13000
	motor power	w	0.75	1.1	0.55x2	0.55x2	0.75x2	0.75x2	1.1x2
Dia. Of indoor/outdoor unit liquid pipe		mm	Φ12x1	Φ12x1	Φ12x1	Φ12x1	Φ12x1	Φ16x1.5	Φ16x1.5
Dia. Of indoor/outdoor unit gas pipe		mm	Φ19x1.5	Φ19x1.5	Φ19x1.5	Φ19x1.5	Φ22x1.5	Φ22x1.5	Φ22x1.5
Connection pipe length of indoor and outdoor unit		mm	≤12000						

Dimension	indoor unit	mm	600x440x1750		1000x460x1783		1100x500x1783	1200x500x1800	
	indoor unit type	mm	floor mounted						
	outdoor unit	mm	1300x480x1300	1300x480x1400	1400x480x1400		1500x480x1450	1500x500x1500	
Indoor unit weight		kg	170	175	190	195	220	230	270
Outdoor unit weight		kg	260	290	295	320	320	350	400
Indoor unit noise		dB(A)	≤62	≤62	≤65	≤65	≤68	≤68	≤68
Outdoor unit noise		dB(A)	≤80	≤80	≤80	≤85	≤85	≤85	≤85

## Dimension:



Model	CFFK-3	CFFK-4	CFFK-5	CFFK-6	CFFK-7	CFFK-8	CFFK-10
L	900	900	1100	1100	1200	1200	1300
B	450	450	450	460	460	460	480
H	900	900	900	900	1000	1000	1150
DN1	8	8	8	8	8	10	10
DN2	10	10	13	16	16	16	16
Model	CFFK-11	CFFK-12	CFFK-13	CFFK-14	CFFK-15	CFFK-20	CFFK-25
L	1300	1300	1300	1400	1400	1500	1500
B	480	480	480	480	480	480	480
H	1250	1350	1350	1350	1350	1450	1500
DN1	10	10	10	10	10	13	13
DN2	19	19	19	19	19	25	29



Model	CFFK-3	CFFK-4	CFFK-5	CFFK-6	CFFK-7	CFFK-8	CFFK-10
L	470	470	470	470	470	470	470
B	450	460	450	450	450	450	450
H	1750	1750	1750	1750	1750	1750	1750
DN1	8	8	8	8	8	10	10
DN2	10	10	13	16	16	16	16
DNm	16	16	16	16	16	16	16
Model	CFFK-11	CFFK-12	CFFK-13	CFFK-14	CFFK-15	CFFK-20	CFFK-25
L	600	600	1000	1000	1000	1100	1200
B	450	450	480	480	480	480	500
H	1750	1750	1785	1785	1785	1785	1800
DN1	10	10	10	10	10	13	13
DN2	19	19	19	19	19	25	29
DNm	16	16	16	16	16	16	16