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...



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

Category	Marine Air Conditioner	**Model / SKU**	CFK-F-Marine-Air-Cooled-Split-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 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:

Weight / Size	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:	**Certificate**	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	**Origin**	China

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- Description:
- Technical data:
- Feature:

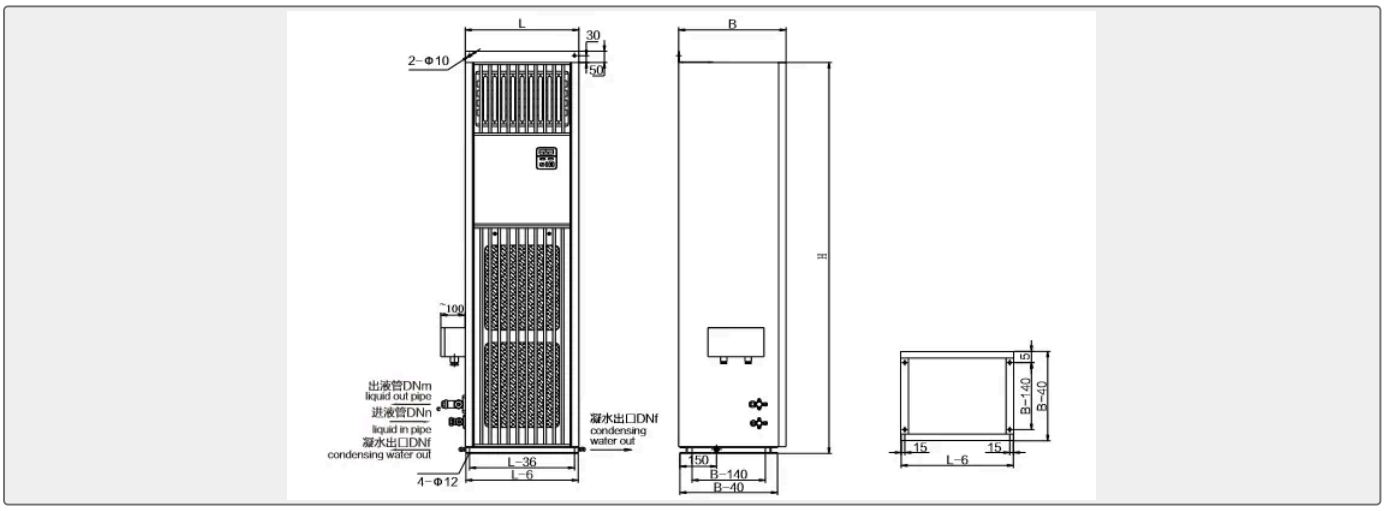
Description:

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:

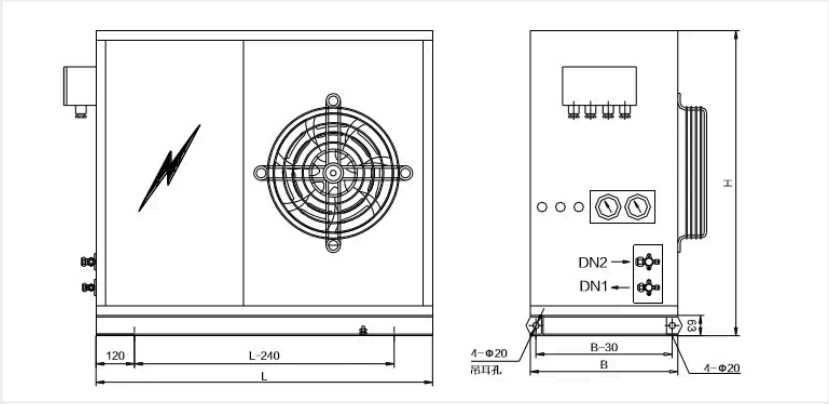


Sheet 1:

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