

MARINE FAN/BLOWER

CZF Marine Axial Fan/Blower

General: CZF series marine axial fan is characterized by its extreme compact structure, small size, light weight, less power consumption, smooth and reliable operation, being suitable for reverse operating, and exc...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Fan/Blower
Standard	EN
Material	Steel, Aluminum
Weight / Size	CZF series marine axial fan is characterized by its extreme compact stru...
Certificate	CCS, BV, ABS, GL, LR, DNV, NK,RINA, KR,IRS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Marine Fan/Blower	Model / SKU	CZF-Marine-Axial-Fan-Blower
Standard	EN	Material	Steel, Aluminum
Weight / Size	CZF series marine axial fan is characterized by its extreme compact structure, small size, light weight, less power consumption, smooth and reliable operation, being suitable for reverse operating, and excellent resistance to a certain degree shock and vibration.	Surface	painted
Certificate	CCS, BV, ABS, GL, LR, DNV, NK,RINA, KR,IRS	Warranty	12 Months unless specified otherwise
Origin	China		

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General:

CZF series marine axial fan is characterized by its extreme compact structure, small size, light weight, less power consumption, smooth and reliable operation, being suitable for reverse operating, and excellent resistance to a certain degree shock and vibration. CZF marine axial fan can move the air, the ocean air containing salt fog and a few oil fog. So it can be widely used for ventilation of various cabins on the vessels and other similar spaces.

Construction:

- 1.The impeller is made of anti-corrosive casting aluminum alloy, it is aerodynamically shaped and carefully balances to ensure the fan has reliable anti-corrosive property and smooth work.
- 2.The fan case is being welded by the steel plate with flanges for connection with duct at both sides by bolts, and the surface is fully painted with anti-corrosive painting.
- 3.The electric motor is installed in the inside of case, the impellers are installed on the shaft of electric motor directly.
- 4.Taking a front view from the motor side, the impellers are turning clockwise. In practice, it can be turning anti-clockwise too, and under this situation, the flow rate not less than 60% of normal flow rate when turning clockwise.
- 5.The fan can be matched with marine AC motor of 230V, 440V, 380v, 415v,480v. The frequency can be 50Hz or 60Hz.

Main Parts:

- 1-Casing
- 2-Angle strut
- 3-Motor
- 5-Terminal Box
- 12-Impeller
- 15-Guide Cowl

Main Parameter:

model	flow rate (m ³ /h)	static pressure pa(mmH ₂ O)	static pressure pa(mH ₂ O)	speed r/min	motor			weigh t
					fre q	powe r	model	

CZF-30A	960	330(34)	320(33)	2920	50	0.25	Y632-2-H	50
	1200	310(32)	295(31)					
	1500	270(28)	250(26)					
	1740	230(24)	200(21)					
	1980	180(19)	140(15)					
	1200	490(50)	470(48)	3500	60	0.56	Y711-2-H	
	1500	440(45)	420(43)					
	1800	380(39)	350(36)					
	2100	310(32)	270(28)					
	2400	240(25)	180(19)					
CZA-35A	900	160(17)	150(16)	1460	50	0.25	Y711-4-H	60
	960	150(16)	140(15)					
	1080	130(14)	125(13)					
	1140	121(13)	115(12)					
	1200	110(12)	105(11)					
	900	250(26)	240(25)	1750	60	0.25	Y711-4-H	
	1200	210(22)	200(21)					
	1500	160(17)	150(16)					
	1800	120(13)	100(11)					
CZF-35B	1500	480(49)	470(48)	2920	50	0.55	Y711-2-H	70
	1800	420(43)	400(41)					
	2100	390(40)	370(38)					
	2400	330(34)	300(31)					
	2700	290(30)	250(26)					
	1800	700(71)	680(69)	3500	60	0.75	Y801-2-H	
	2100	640(65)	620(63)					
	2400	590(60)	560(57)					
	3000	460(47)	410(42)					
	3600	320(33)	250(26)					

CZF-40A	2160	180(19)	160(17)	1460	50	0.55	Y801-4-H	65
	2400	160(17)	145(15)					
	2700	150(16)	130(14)					
	3000	140(15)	110(12)					
	2400	270(28)	250(26)	1750	60	0.55	Y801-4-H	85
	2700	240(25)	220(23)					
	3000	230(24)	200(21)					
	3300	200(21)	170(18)					
	3600	180(19)	140(15)					
	3900	165(17)	120(13)					
CZF-40B	2500	490(50)	450(46)	2920	50	0.75	Y801-2-H	85
	3000	430(44)	400(41)					
	3300	400(41)	370(38)					
	3600	370(38)	330(34)					
	4200	300(31)	250(26)					
	3000	710(72)	680(69)	3500	60	1.5	Y90s-2-H	
	3600	640(65)	600(61)					
	4200	550(56)	500(51)					
	4800	470(48)	400(41)					
	5100	410(42)	330(34)					
CZF-45A	1680	235(24)	230(24)	1460	50	0.55	Y801-4-H	75
	1800	225(23)	220(23)					
	2100	200(21)	190(20)					
	2400	175(18)	165(17)					
	3000	125(13)	110(12)					
	1920	350(36)	340(35)	1750	60	0.55	Y801-4-H	
	2100	340(35)	330(34)					
	2400	310(32)	300(31)					
	2700	285(29)	270(28)					
	3000	245(25)	230(24)					
	3600	185(19)	160(17)					

CZF-45B	1980	250(26)	240(25)	1460	50	0.55	Y801-4-H	95
	2400	240(25)	230(24)					
	3000	220(23)	205(21)					
	3600	195(20)	170(18)					
	4200	150(16)	120(13)					
	2400	360(37)	350(36)	1750	60	0.75	Y802-4-H	
	3000	335(34)	320(33)					
	3600	315(32)	290(30)					
	4200	280(29)	250(26)					
	4800	240(25)	200(21)					
CZF-50A	3480	235(24)	220(23)	1460	50	0.55	Y801-4-H	100
	3900	220(23)	200(21)					
	4200	205(21)	185(19)					
	4800	190(20)	160(17)					
	5400	160(17)	125(13)					
	4200	340(35)	320(33)	1750	60	0.55	Y801-4-H	
	4800	320(33)	290(30)					
	5400	295(30)	260(27)					
	6000	265(27)	220(23)					
	6600	230(24)	180(19)					

CZF-55A	3900	330(34)	320(33)	1460	50	1.5	Y90L-4-H	110
	4800	310(32)	290(30)					
	5400	295(30)	270(28)					
	6000	270(28)	240(25)					
	6600	245(25)	210(22)					
	7200	215(22)	170(18)					
	4800	500(51)	480(49)	1750	60	2.2	Y100L1-4-H	
	6000	450(46)	420(43)					
	7200	385(39)	340(35)					
	8400	330(34)	270(28)					
	9000	290(30)	220(23)					
	9600	255(26)	180(19)					
CZF-55B	6600	285(29)	250(26)	1460	50	1.5	Y90L1-4-H	
	7200	280(29)	235(24)					
	7800	265(27)	215(22)					
	8400	255(26)	195(20)					
	9000	240(25)	175(18)					
	9600	230(24)	155(16)					
	7200	425(43)	380(39)	1750	60	2.2	Y100L1-4-H	
	9000	390(40)	320(33)					
	9600	375(38)	300(31)					
	10800	345(35)	250(26)					
	12000	320(33)	200(21)					
	13200	285(29)	140(15)					

CZF-60A	6600	345(35)	320(33)	1460	50	1.5	Y90L-4-H	125
	7800	325(33)	290(30)					
	9000	290(30)	240(25)					
	10200	250(26)	190(20)					
	11400	200(21)	125(13)					
	8400	490(50)	450(46)	1750	60	2.2	Y100L1-4-H	
	9600	475(48)	420(43)					
	10800	440(45)	370(38)					
	12000	375(38)	290(30)					
	13200	310(32)	210(22)					
	15000	270(28)	140(15)					

CZF-70A	4800	530(54)	520(53)	1460	50	2.2	Y100L1-4-H	160
	6000	525(53)	515(52)					
	7200	515(52)	500(51)					
	8400	450(46)	430(44)					
	9600	370(38)	340(35)					
	10200	335(34)	300(31)					
	6000	790(80)	780(79)	1750	60	4	Y112M-4-H	
	8400	740(75)	720(72)					
	9600	680(69)	650(66)					
	10800	605(61)	570(58)					
	12000	505(51)	460(47)					
	13200	405(41)	350(36)					
CZF-70B	10200	415(42)	380(39)	1460	50	2.2	Y100L1-4-H	
	12000	345(35)	330(34)					
	13200	355(36)	300(31)					
	14400	325(33)	260(27)					
	15600	295(30)	220(23)					
	16800	270(28)	180(19)					
	12000	595(60)	550(56)	1750	60	5.5	Y132S-4-H	
	13800	560(57)	500(51)					
	15000	520(53)	450(46)					
	16800	490(50)	400(41)					
	18600	430(44)	320(33)					
	20400	360(37)	230(24)					

CZF-75A	12000	215(22)	180(19)	970	50	1.5	Y100L-6-H	205
	13200	205(21)	165(17)					
	14400	200(21)	150(16)					
	15600	190(20)	130(14)					
	16800	180(19)	110(12)					
	14400	320(33)	270(28)	1160	60	2.2	Y112M-6-H	
	15600	310(32)	250(26)					
	16800	300(31)	230(24)					
	18000	280(29)	200(21)					
	19200	270(28)	180(19)					
	24000	290(30)	150(16)					
CZF-75B	9600	460(47)	440(45)	1460	50	4	Y112M-4-H	235
	12000	455(46)	420(43)					
	14400	420(43)	380(39)					
	16800	400(41)	330(34)					
	19200	340(35)	250(26)					
	16200	220(23)	160(17)					
	12000	655(66)	620(63)600(61)	1750	60	5.5	Y132S-4-H	
	13800	645(65)	550(56)					
	16800	620(63)	520(53)					
	18000	600(61)	500(51)					
	19200	590(60)	350(36)					
	24000	490(50)						
CZF-75C	12600	490(50)	450(46)	1460	50	5.5	Y132S-4-H	
	15000	480(49)	425(43)					
	18000	450(46)	370(38)					
	21000	395(40)	290(30)					
	22200	370(38)	250(26)					
	15600	680(49)	620(63)	1750	60	7.5	Y132M-4-H	
	18000	675(68)	600(61)					
	21000	635(64)	530(54)					
	24000	590(60)	450(46)					
	25500	555(56)	400(41)					

CZF-90A	18600	330(34)	290(30)	970	50	4.0	Y132M1-6-H	300
	21000	300(31)	250(26)					
	22800	280(29)	220(23)					
	24000	260(27)	195(20)					
	25500	240(25)	165(17)					
	27000	225(23)	130(14)					
	21000	500(51)	450(46)	1160	60	5.5	Y132M2-4-H	
	24000	480(49)	410(42)					
	27000	415(42)	330(34)					
	30000	345(35)	240(25)					
CZF-90B	21000	390(40)	340(35)	970	60	5.5	Y132M-6-H	
	24000	370(38)	300(31)					
	27000	335(34)	250(26)					
	28800	305(31)	210(22)					
	30000	275(28)	170(18)					
	25200	555(56)	480(49)	1160	50	7.5	Y160M-4-H	
	27000	475(48)	440(45)					
	30000	505(51)	400(41)					
	33000	465(47)	340(35)					
	36000	398(40)	250(26)					
CZF-90C	10200	390(40)	650(66)	970	50	5.5	Y132M-6-H	
	12000	370(38)	620(63)					
	15000	335(34)	550(56)					
	18000	305(31)	450(46)					
	21000	350(36)	300(31)					
	12000	970(98)	950(96)	1460	60	7.5	Y132M-4-H	
	15000	910(92)	880(89)					
	18000	840(85)	800(81)					
	21000	730(74)	680(69)					
	24000	600(61)	530(54)					

CZF-90D	17400	655(66)	620(63)	1460	60	7.5	Y132M-4-H	
	21000	600(61)	550(56)					
	24000	560(57)	495(50)					
	27000	490(50)	405(41)					
	31200	410(42)	300(31)					
CZF-90D	21000	910(92)	860(87)	970	50	11	Y160M-4-H	
	24000	895(90)	830(84)					
	27000	833(84)	750(76)					
	30000	775(78)	670(68)					
	33000	675(68)	550(56)					
	36000	600(61)	450(46)					
CZF-95A	25500	710(72)	650(66)	1460	50	11	Y160M-4-H	450
	30000	685(69)	600(61)					
	33000	670(68)	570(58)					
	36000	640(65)	520(53)					
	39000	590(60)	450(46)					
	42000	525(53)	360(37)					
	30000	1035(104)	950(96)	1750	60	18.5	Y180M-4-H	
	33000	100(102)	900(91)					
	36000	100(102)	880(89)					
	39000	970(99)	830(84)					
	42000	925(94)	760(77)					
	48000	795(81)	580(59)					

CZF-100A	25800	330(34)	280(29)	970	50	5.5	Y132M-6-H	450
	30000	310(32)	240(25)					
	33000	290(30)	210(22)					
	36000	270(28)	175(18)					
	39000	245(25)	130(14)					
	30000	490(50)	420(43)	160	60	7.5	Y160M-6-H	
	33000	470(48)	390(40)					
	36000	460(47)	360(37)					
	39000	435(44)	320(33)					
	42000	405(41)	270(28)					
	48000	325(33)	150(16)					
CZF-100B	30000	440(45)	370(38)	970	50	7.5	Y160M-6-H	420
	33000	420(43)	340(35)					
	36000	400(41)	300(31)					
	39000	375(38)	260(27)					
	42000	345(35)	210(22)					
	45000	280(29)	130(14)					
	36000	630(64)	540(54)	1160	60	11	Y160L-6-H	
	39000	615(62)	500(51)					
	42000	585(60)	450(46)					
	48000	495(51)	320(33)					
	54000	430(44)	210(22)					
CZF-110A	36000	730(38)	300(31)	970	50	7.5	Y160M-6-H	500
	39000	355(36)	275(28)					
	42000	330(34)	240(25)					
	45000	315(32)	210(22)					
	48000	290(30)	170(18)					
	51000	275(28)	140(150)					
	42000	540(55)	450(46)	1160	60	11	Y160L-6-H	
	18000	520(53)	400(41)					
	54000	470(48)	320(33)					
	6000	385(39)	200(21)					
	63000	365(37)	167(17)					

CZF-120A	48000	335(34)	350(36)	970	50	11	Y160L-6-H	660
	51000	385(39)	290(30)					
	54000	365(37)	260(27)					
	57000	350(36)	230(24)					
	60000	320(33)	190(20)					
	63000	305(31)	160(17)					
	51000	615(63)	520(53)	1160	60	15	Y180L-6-H	
	54000	605(61)	500(50)					
	60000	550(56)	420(43)					
	66000	500(51)	340(35)					
	72000	440(45)	250(26)					
	78000	380(39)	160(17)					
CZF-140A	48000	405(41)	360(37)	970	50	11	Y160L-6-H	830
	54000	380(39)	320(33)					
	60000	350(36)	280(29)					
	66000	305(31)	220(23)					
	72000	260(27)	160(17)					
	54000	580(59)	520(53)	1160	60	15	Y180L-6-H	830
	60000	560(57)	490(50)					
	66000	545(56)	460(47)					
	72000	490(50)	390(40)					
	78000	430(44)	310(32)					
	84000	390(40)	250(26)					

CZF-140B	45000	470(48)	430(44)	970	50	11	Y160L-6-H	830
	54000	450(46)	390(40)					
	60000	410(42)	340(35)					
	66000	375(38)	290(30)					
	72000	310(32)	210(22)					
	78000	270(28)	150(16)					
	54000	680(69)	620(63)	1160	60	18.5	Y200L2-6-H	850
	60000	660(67)	590(60)					
	72000	600(61)	500(51)					
	84000	480(49)	340(35)					
	90000	420(43)	260(27)					
CZF-140C	48000	525(53)	480(49)	970	50	15	Y180L-6-H	830
	54000	510(52)	450(46)					
	60000	490(50)	420(43)					
	66000	465(47)	380(39)					
	72000	420(43)	320(33)					
	78000	370(38)	250(26)					
	54000	780(79)	720(73)	1160	60	22	Y200L2-6-H	850
	60000	700(71)	700(71)					
	72000	710(72)	610(62)					
	84000	640(65)	500(51)					
	96000	530(54)	350(36)					
	108000	425(43)	170(18)					

CZF-140D	54000	650(66)	590(60)	970	50	18.5	Y200L1-6-H	
	60000	640(65)	570(58)					
	66000	605(62)	520(53)					
	72000	570(58)	470(48)					
	78000	530(54)	410(42)					
	84000	490(50)	350(36)					
	90000	440(45)	280(29)					
	66000	935(95)	850(86)	1160	60	30	Y200M-6-H	950
	78000	890(90)	770(78)					
	90000	820(83)	660(67)					
	102000	685(70)	480(49)					
	108000	630(64)	400(41)					
	114000	595(60)	340(35)					