



PRODUCT DIMENSIONS & SPECIFICATIONS

FCB SERIES CEILING MOUNT ELECTRIC HEAT DX COOL AIR HANDLERS



Representative image only. Some models may vary in appearance. Due to continuous product improvement, specifications are subject to change without notice.



STANDARD FEATURES

APPLICATION VERSATILITY

Built in mounting tabs for ceiling or furrdown mounting. Louvered ceiling access panel has separate frame that attaches to ceiling joists. Solid access panel available for use with end return installations. Can be ARI matched with most brands of air conditioners or heat pumps.

CABINET

Sturdy, fully insulated galvanized steel cabinet with painted front panels.

ELECTRICAL CONTROLS

Units available with either circuit breakers or terminal blocks. Controls easily accessible from the front for easy service. Fan time delay relay standard for increased efficiency. Electrical connections can be made from the top, left, or right.

ELECTRIC HEATERS

Models with electric heat include sequencers and temperature limit switches for safe, efficient operation.

BLOWER

Direct drive multi-speed blowers circulate air quietly and efficiently. 2-speed motors allow for precise air volume selection. Motor speeds can be easily selected via motor terminals. Blowers mounted on rails so they can be easily removed for service.

DX COIL

High efficiency rifled copper tubes/enhanced aluminum fins provide maximum heat transfer. All coils immersion tested at 500 psi then nitrogen pressurized and factory sealed for maximum reliability. Liquid-line Schrader allows pre-installation pressure testing. Available with either orifice or TXV metering device. Field-installable bolt-on TXVs are also available. Primary & secondary condensate drain. All drain connections are 3/4" MPT. Access door allows for coil cleaning. Certified for use with either R22 or R410a.

WARRANTY

Five-year limited parts warranty.

OPTIONS

See options menu.

800-423-9007
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R-410a
READY

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HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	PERFORMANCE DATA				ELECTRICAL DATA				
	NOMINAL COOLING (TONS)	HEATING (KW)		HEATING CAPACITY (MBTUH)		MIN-CIRCUIT AMPACITY		MAX FUSE OR CIR BKR SINGLE-POINT POWER	
		208V	240V	208V	240V	208V	240V	208V	240V
FCB00 18	1.5	0.0	0.0	0.0	0.0	1.9	2.3	15.0	15.0
FCB03 18		2.25	3.0	7.7	10.3	15.0	18.0	15.0	20.0
FCB04 18		3.0	4.0	10.3	13.7	20.0	23.0	20.0	25.0
FCB05 18		3.8	5.0	13.0	17.0	25.0	29.0	30.0	30.0
FCB06 18		4.5	6.0	15.4	20.5	29.0	34.0	30.0	35.0
FCB08 18		6.0	8.0	20.5	27.3	39.0	44.0	40.0	50.0
FCB10 18		7.5	10.0	25.6	34.1	47.0	55.0	50.0	60.0
FCB00 24	2.0	0.0	0.0	0.0	0.0	1.9	2.3	15.0	15.0
FCB03 24		2.25	3.0	7.7	10.3	15.0	18.0	15.0	20.0
FCB04 24		3.0	4.0	10.3	13.7	20.0	23.0	20.0	25.0
FCB05 24		3.8	5.0	13.0	17.0	25.0	29.0	30.0	30.0
FCB06 24		4.5	6.0	15.4	20.5	29.0	34.0	30.0	35.0
FCB08 24		6.0	8.0	20.5	27.3	39.0	44.0	40.0	50.0
FCB10 24		7.5	10.0	25.6	34.1	47.0	55.0	50.0	60.0
FCB00 30	2.5	0.0	0.0	0.0	0.0	2.9	3.3	15.0	15.0
FCB03 30		2.25	3.0	7.7	10.3	15.0	18.0	15.0	20.0
FCB04 30		3.0	4.0	10.3	13.7	20.0	23.0	20.0	25.0
FCB05 30		3.8	5.0	13.0	17.0	26.0	30.0	30.0	30.0
FCB06 30		4.5	6.0	15.4	20.5	29.0	34.0	30.0	35.0
FCB08 30		6.0	8.0	20.5	27.3	40.0	47.0	40.0	50.0
FCB10 30		7.5	10.0	25.6	34.1	49.0	56.0	50.0	60.0
FCB00 36	3.0	0.0	0.0	0.0	0.0	2.9	3.3	15.0	15.0
FCB03 36		2.25	3.0	7.7	10.3	16.0	19.0	20.0	20.0
FCB04 36		3.0	4.0	10.3	13.7	21.0	24.0	25.0	25.0
FCB05 36		3.8	5.0	13.0	17.0	26.0	30.0	30.0	30.0
FCB06 36		4.5	6.0	15.4	20.5	30.0	35.0	30.0	35.0
FCB08 36		6.0	8.0	20.5	27.3	40.0	47.0	40.0	50.0
FCB10 36		7.5	10.0	25.6	34.1	49.0	56.0	50.0	60.0

BLOWER DATA

MODEL	MOTOR SPEED	MOTOR HORSEPOWER	MOTOR VOLTAGE	CFM V EXTERNAL STATIC PRESSURE (1,2)				
				0.10	0.20	0.30	0.40	0.50
FCBXX 18/24	LOW	0.20	240	890	860	845	810	760
	HIGH	0.20		1020	990	975	939	892
FCBXX 30/36	LOW	0.33		1116	1069	1010	960	899
	HIGH	0.33		1233	1178	1121	1054	984
FCBXX 30/36 - 007*	LOW	0.20		890	860	845	810	760
	HIGH	0.20		1020	990	975	939	892

*-007 option code includes standard features with 1/5 horsepower motor. 1) Dry coil filter in place. 2) For 208v operation, multiply by .90 (FCB Series only).

AIR HANDLER NOMENCLATURE

FCB	03	18	-001
FCB = 240V CEILING MOUNT AIR HANDLER FCD = 120V CEILING MOUNT AIR HANDLER	<u>Heat Strip - FCB</u> 00 = 0 KW 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW	NOMINAL TONNAGE (MBTUH)	OPTION CODE

INSTALLATION CLEARANCES

	OPERATION	SERVICE
TOP	0"	0"
FRONT	0"	0"
SIDES	0"	30"
REAR	0"	0"

SPECIFICATIONS

MODEL	PISTON SIZE	SHIP WEIGHT (LBS)	SKID QTY
FCB00 18	0.055	100	6
FCB00 24	0.059	109	6
FCB00 30	0.068	118	6
FCB00 36	0.074	147	6

