



## PRODUCT DIMENSIONS & SPECIFICATIONS

### FTB SERIES VERTICAL WALL MOUNT ELECTRIC HEAT DX COOL AIR HANDLERS

#### STANDARD FEATURES

##### APPLICATION VERSATILITY

Front or bottom return air position. Offset hanging brackets attach to unit and wall to allow hanging inside closet. Can be AHRI matched with most brands of air conditioners or heat pumps. ETL listed for use with either R22 or R410a when a proper metering device is used.

##### MODULAR ELECTRIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available in 3, 5, 8, & 10 KW. Models with electric heat include sequencers and temperature limit switches for safe, efficient operation. Modules are easily installed in the field using molex plugs or can be ordered factory-installed. Controls are accessible from the front for easy service. Electrical connections can be made from the top or left. Disconnect does not protrude through the wall panel. Fan time delay relay standard for increased efficiency.

##### BLOWER

Direct drive multi-speed blowers circulate air quietly and efficiently. Motor speeds can be easily selected via motor terminals. Swing mounted blowers can be easily removed for service.

##### ELECTRONIC CIRCUIT BOARD

Electronic circuit board provides 30 secs ON/OFF blower time delay extracting more heat/cool from the coil.

##### 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 check style flowrater or TXV metering device. Field-installable TXVs are also available. Galvanized metal drain pan with bottom primary and secondary drain connections or alternate right side primary. All connections 3/4" FPT. Access door allows for coil cleaning.

##### WARRANTY

One-year limited parts warranty.

##### OPTIONS

See options menu.



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



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\* For complete warranty details visit [www.aspenmfg.com](http://www.aspenmfg.com).

## HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	PERFORMANCE DATA					ELECTRICAL DATA			
	NOMINAL COOLING (BTUS)	HEATING (KW)		HEATING CAPACITY (MBTUH)		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
		208V	240V	208V	240V	208V	240V	208V	240V
FTB00 - 18	18,000	0	0	0	0	1.9	2.3	15	15
FTB05 - 18		3.8	5.0	13	17	25	29	30	30
FTB08 - 18		6.0	8.0	20.5	27.3	39	44	40	50
FTB10 - 18		7.5	10.0	25.6	34.1	47	55	50	60
FTB00 - 24	24,000	0	0	0	0	1.9	2.3	15	15
FTB05 - 24		3.8	5.0	13	17	25	29	30	30
FTB08 - 24		6.0	8.0	20.5	27.3	39	44	40	50
FTB10 - 24		7.5	10.0	25.6	34.1	47	55	50	60
FTB00 - 30	30,000	0	0	0	0	2.9	3.3	15	15
FTB05 - 30		3.8	5.0	13	17	26	30	30	30
FTB08 - 30		6.0	8.0	20.5	27.3	40	47	40	50
FTB10 - 30		7.5	10.0	25.6	34.1	49	56	50	60
FTB00 - 36	36,000	0	0	0	0	2.9	3.3	15	15
FTB05 - 36		3.8	5.0	13	17	26	30	30	30
FTB08 - 36		6.0	8.0	20.5	27.3	40	47	40	50
FTB10 - 36		7.5	10.0	25.6	34.1	49	56	50	60
FTB00 - 37	36,000	0	0	0	0	2.9	3.3	15	15
FTB05 - 37		3.8	5.0	13	17	26	30	30	30
FTB08 - 37		6.0	8.0	20.5	27.3	40	47	40	50
FTB10 - 37		7.5	10.0	25.6	34.1	49	56	50	60

## BLOWER DATA

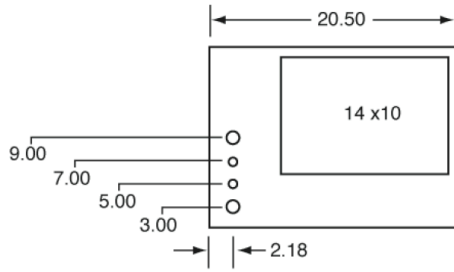
MODEL	MOTOR SPEED	MOTOR HP	MOTOR VOLTAGE	CFM V. EXTERNAL STATIC * †				
				0.10	0.20	0.30	0.40	0.50
FTBXX - 18	LOW	1/5	240	890	860	845	810	760
FTBXX - 24	HIGH	1/5		1020	990	975	939	892
FTBXX - 30	LOW	1/3		1116	1069	1010	960	899
FTBXX - 36	HIGH	1/3		1233	1178	1121	1054	984
FTBXX - 37	HIGH	1/3		1228	1173	1116	1049	979

\* Wet coil with filter, † - For 208 V multiply by 0.90

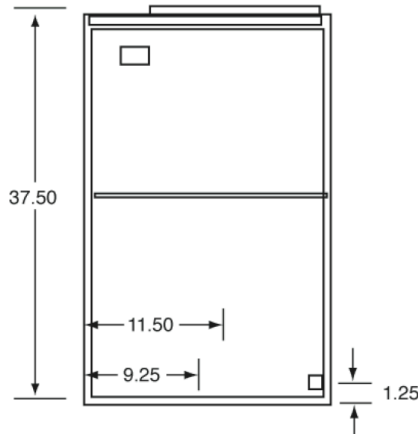
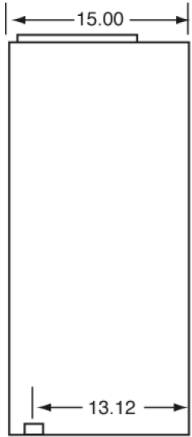
## AIR HANDLER CHASSIS NOMENCLATURE

FTB	05	18	-001
FTB = 240V PSC Motor Vertical Wall Mount	Heat strip 00 = No heat strip 03 = 3 KW 05 = 5 KW 08 = 8 KW 10 = 10KW	Nominal tonnage	Option Code

## Dimensions



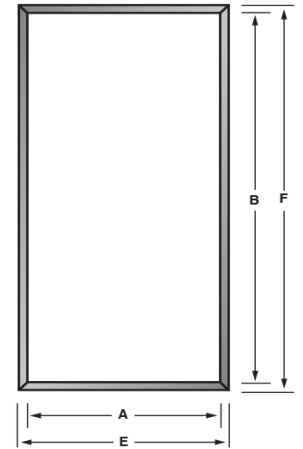
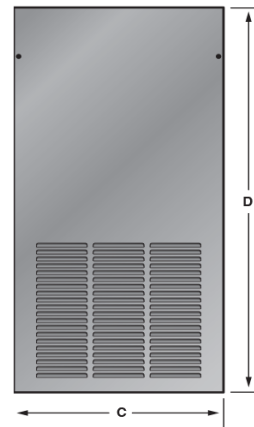
INSTALLATION CLEARANCES		
	OPERATION	SERVICE
TOP	0"	0"
FRONT	0"	30"
SIDES	0"	0"
REAR	0"	0"



**Fig 1**

ACCESS PANEL

FRAME



## DIMENSIONS AND SPECIFICATIONS (Fig 1)

PANEL MODEL	FOR USE WITH	OPENING SIZE		PANEL DIMENSION		FRAME DIMENSION		# OF PANELS
		A"	B"	C"	D"	E"	F"	
WAD-4(S/L)	FTB Series	20 3/4	39 1/2	22 3/4	41 1/2	22 5/8	41 3/8	1

## INSTALLATION DETAIL

### WAD-4

