

FMW Series Multi-Position Hydronic Air Handler Dimensions and Specifications

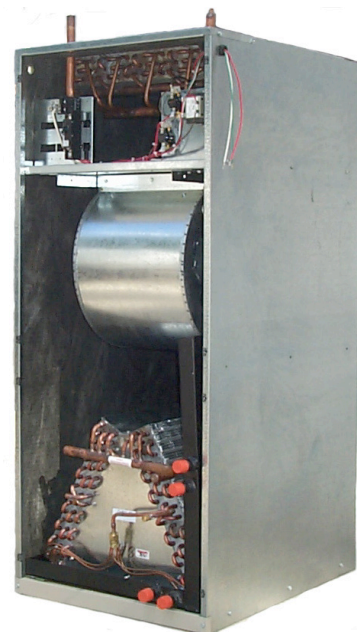
STANDARD EQUIPMENT



Fully insulated cabinet
Galvanized steel cabinet with painted front panels
Direct drive flex mounted multi speed blower
Check style flowrater used for a/c and heat pumps
Primary and secondary 3/4" MPT drain connections
Circuit breaker disconnect
Upflow or horizontal and right as shipped
(Field convertible to downflow or horizontal left)
Filter rack and disposable filter
Horizontal drain pan with primary and secondary
3/4" MPT connection
40 VA Transformer
Top or left hand electric connection
Fan time delay
Factory installed circulator pump with check valve
Totally lead free constructed coil. Suitable for potable applications

OPTIONS

TXV available
Terminal block
Stainless steel powder coated drain pan



PERFORMANCE DATA

MODEL	NOMINAL COOLING (tons)	HEATING CAPACITY E.W.T. DEG. F (1)			Heating Coil Rows/Pattern	MINIMUM CIRCUIT AMPACITY 120V	MAX FUSE OR HACR BKR 120V
		120°	140°	180°			
FMW30 18	1.5	15700	22100	35200	2 / 1 x .886	4.1	15
FMW35 18	1.5	19900	28000	44500	3 / 1 x .886	4.1	15
FMW32 24	2	17800	25200	40100	2 / 1 x .886	4.1	15
FMW37 24	2	22900	32300	51400	3 / 1 x .886	4.1	15
FMW33 30	2.5	19500	27500	43900	2 / 1 x .886	7.4	15
FMW39 30	2.5	25200	35600	56700	3 / 1 x .886	7.4	15
FMW41 30	2.5	28400	40100	64000	4 / 1 x .886	7.4	15
FMW34 36	3	20800	29500	47100	2 / 1 x .886	7.4	15
FMW40 36	3	27100	38300	61100	3 / 1 x .886	7.4	15
FMW43 36	3	30500	43200	68900	4 / 1 x .886	7.4	15
FMW34 37	3	20800	29500	47100	2 / 1 x .886	7.4	15
FMW40 37	3	27100	38300	61100	3 / 1 x .886	7.4	15
FMW43 37	3	30500	43200	68900	4 / 1 x .886	7.4	15
FMW44 42	3.5	29700	41900	66800	2 / 1 x .886	12.6	15
FMW52 42	3.5	35700	50500	80500	3 / 1 x .886	12.6	15
FMW56 42	3.5	39800	56300	89800	4 / 1 x .886	12.6	15
FMW47 48	4	31000	43800	69800	2 / 1 x .886	12.6	15
FMW56 48	4	37200	52700	89100	3 / 1 x .886	12.6	15
FMW60 48	4	41500	58700	93800	4 / 1 x .886	12.6	15
FMW50 60	5	32700	46200	73700	2 / 1 x .886	12.6	15
FMW60 60	5	39200	55400	88500	3 / 1 x .886	12.6	15
FMW65 60	5	43600	61700	98600	4 / 1 x .886	12.6	15
FMW50 61	5	32700	46200	73700	2 / 1 x .886	12.6	15
FMW60 61	5	39200	55400	88500	3 / 1 x .886	12.6	15
FMW65 61	5	43600	61700	98600	4 / 1 x .886	12.6	15

BLOWER DATA

MODEL	MOTOR SPEED	MOTOR HP	MOTOR VOLTAGE	CFM VS. EXTERNAL STATIC PRESSURE (2,3)					
				0.10	0.15	0.20	0.30	0.40	0.50
FMWXX 18/24	LOW	1/5	120	890	875	860	845	810	780
	HIGH	1/5	120	1020	1005	990	975	939	910
FMWXX 30/36/37	LOW	1/3	120	1116	1094	1069	1010	960	920
	HIGH	1/3	120	1233	1203	1178	1121	1054	990
FMWXX 42/48/60/61	LOW	3/4	120	1507	1500	1493	1470	1452	1431
	MEDIUM	3/4	120	1823	1815	1806	1782	1753	1717
	HIGH	3/4	120	2180	2160	2141	2081	2051	1989

1) 70° EAT

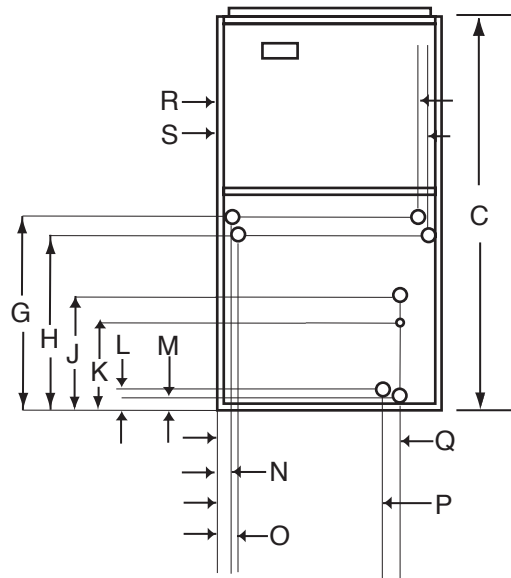
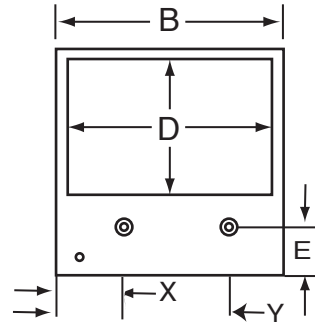
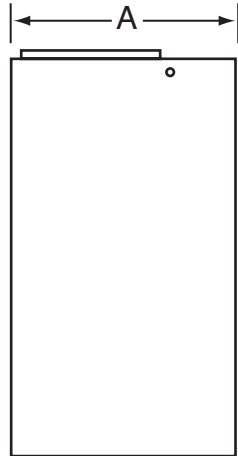
2) Dry coil with filter in place

Aspen reserves the right to make changes without notice or obligation.

INSTALLATION CLEARANCES

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

Model	A	B	C	D	E	G	H	J	K
FMWXX 18-37	20	20	43.25	18 x 12	4.75	14.62	12.62	10	8
FMWXX 42-61	27.5	21.5	52.25	19.5 x 19.5	4.5	14.5	12.5	13.5	10.5
Model	L	M	N	O	P	Q	R	S	X
FMWXX 18-37	2.75	2.37	1.5	1.75	14.37	16.37	18.25	18.5	2.5
FMWXX 42-61	2.75	2.37	1.5	1.75	16.37	18.37	19.75	20	3.0
Model	Y	Filter							
FMWXX 18-37	17.5	16 X 20							
FMWXX 42-61	18.5	18 X 25							



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