

Sturdy, fully insulated galvanized steel cabinet; stick pins ensure 1/2" insulation remains in place. Unit ships with disposable filter. Less than 1.4% air leakage from cabinet when tested in accordance with ASHRAE standard 193. Unit must be installed according to Aspen installation instructions.

OPTIONS Ask your local Aspen Sales Rep for options.

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HEATING/COOLING PERFORMANCE & ELECTRICAL DATA										
MODEL	ELECTRIC HEAT KIT MODEL	PERFORMANCE DATA					ELECTRICAL DATA			
		NOM. COOLING	HEATING		HEATING CAPACITY		MIN. CIRCUIT AMPACITY		MAX. BREAKER OR FUSE SIZE	
			KW		MBTUH		MCA			
		BTU	208V	240V	208V	240V	208V	240V	208V	240V
AEW 18	F(C,T)S00	18,000	0.0	0.0	0.0	0.0	3.5	3.5	15	15
	F(C,T)S03		2.3	3.0	7.8	10.2	17.0	19.1	20	20
	F(C,T)S05		3.7	4.8	12.6	16.4	25.1	28.5	30	30
	F(C,T)S06		4.6	6.0	13.5	17.9	30.5	34.8	35	35
	F(C,T)S08		6.0	8.0	20.5	27.3	39.6	45.2	40	50
	F(C,T)S10		7.2	9.6	24.5	32.8	46.8	53.5	50	50
AEW 19/20	F(C,T)S00		0.0	0.0	0.0	0.0	3.0	3.0	15	15
	F(C,T)S03		2.3	3.0	7.8	10.2	16.5	18.6	20	20
	F(C,T)S05		3.7	4.8	12.6	16.4	24.6	28.0	30	30
	F(C,T)S06		4.6	6.0	13.5	17.9	30.0	34.3	35	35
	F(C,T)S08		6.0	8.0	20.5	27.3	39.1	44.7	40	50
	F(C,T)S10		7.2	9.6	24.5	32.8	46.3	53.0	50	60
AEW 23/24	F(C,T)S00	24,000	0.0	0.0	0.0	0.0	3.5	3.5	15	15
	F(C,T)S03		2.3	3.0	7.8	10.2	17.0	19.1	20	20
	F(C,T)S05		3.7	4.8	12.6	16.4	25.1	28.5	30	30
	F(C,T)S06		4.6	6.0	13.5	17.9	30.5	34.8	35	35
	F(C,T)S08		6.0	8.0	20.5	27.3	39.6	45.2	40	50
	F(C,T)S10		7.2	9.6	24.5	32.8	46.8	53.5	50	60
AEW 25/26	F(C,T)S00		0.0	0.0	0.0	0.0	3.0	3.0	15	15
	F(C,T)S03		2.3	3.0	7.8	10.2	16.5	18.6	20	20
	F(C,T)S05		3.7	4.8	12.6	16.4	24.6	28.0	30	30
	F(C,T)S06		4.6	6.0	13.5	17.9	30.0	34.3	35	35
	F(C,T)S08		6.0	8.0	20.5	27.3	39.1	44.7	40	50
	F(C,T)S10		7.2	9.6	24.5	32.8	46.3	53.0	50	60
AEW 30	F(C,T)M00	30,000	0.0	0.0	0.0	0.0	5.1	5.1	15	15
	F(C,T)S03		2.3	3.0	7.8	10.2	18.6	20.8	20	25
	F(C,T)M05		3.7	4.8	12.6	16.4	26.8	30.1	30	35
	F(C,T)M06		4.6	6.0	13.5	17.9	32.2	36.4	35	40
	F(C,T)M08		6.0	8.0	20.5	27.3	41.2	46.8	45	50
	F(C,T)M10		7.2	9.6	24.5	32.8	48.4	55.1	50	60
AEW 31	F(C,T)M00		0.0	0.0	0.0	0.0	4.5	4.5	15	15
	F(C,T)S03		2.3	3.0	7.8	10.2	18.0	20.1	20	25
	F(C,T)M05		3.7	4.8	12.6	16.4	26.1	29.5	30	35
	F(C,T)M06		4.6	6.0	13.5	17.9	31.6	35.8	35	40
	F(C,T)M08		6.0	8.0	20.5	27.3	40.6	46.2	45	50
	F(C,T)M10		7.2	9.6	24.5	32.8	47.8	54.5	50	60
AEW 36	F(C,T)M00	36,000	0.0	0.0	0.0	0.0	5.1	5.1	15	15
	F(C,T)S03		2.3	3.0	7.8	10.2	18.6	20.8	20	25
	F(C,T)M05		3.7	4.8	12.6	16.4	26.8	30.1	30	35
	F(C,T)M06		4.6	6.0	13.5	17.9	32.2	36.4	35	40
	F(C,T)M08		6.0	8.0	20.5	27.3	41.2	46.2	45	50
	F(C,T)M10		7.2	9.6	24.5	32.8	48.4	55.1	50	60
AEW 36	F(C,T)M00		0.0	0.0	0.0	0.0	4.5	4.5	15	15
	F(C,T)S03		2.3	3.0	7.8	10.2	18.0	20.1	20	25
	F(C,T)M05		3.7	4.8	12.6	16.4	26.1	29.5	30	35
	F(C,T)M06		4.6	6.0	13.5	17.9	31.6	35.8	35	40
	F(C,T)M08		6.0	8.0	20.5	27.3	40.6	46.2	45	50
	F(C,T)M10		7.2	9.6	24.5	32.8	47.8	54.5	50	60

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BLOWER DATA								
MODEL	240V ECM MOTOR			CFM VS EXTERNAL STATIC*† (WET COIL)				
	SPEED TAP	HP	AMPS	0.1	0.2	0.3	0.4	0.5
AEW 18/23/24	T1	1/3	2.8	909	864	840	800	782
	T2			723	690	652	631	600
	T3			600	565	539	502	480
	T4			723	690	652	631	600
	T5			909	864	840	800	782
AEW 19/25	T1	1/3	2.8	670	645	615	590	570
	T2			800	780	750	730	695
	T3			875	850	820	790	760
	T4			980	955	930	900	875
	T5			1065	1035	1015	995	970
AEW 20/26	T1	1/3	2.8	655	630	605	580	560
	T2			785	765	735	715	685
	T3			860	835	805	775	745
	T4			960	935	910	885	860
	T5			1045	1015	995	975	950
AEW 30/36	T1	1/2	4.1	1365	1332	1303	1271	1240
	T2			745	698	668	630	600
	T3			898	873	853	827	800
	T4			1174	1132	1106	1078	1047
	T5			1365	1332	1303	1271	1240
AEW 31/37	T1	1/2	4.1	745	715	675	640	615
	T2			940	910	875	840	805
	T3			1100	1070	1025	995	965
	T4			1220	1180	1155	1115	1085
	T5			1385	1350	1330	1290	1270

* Wet coil with filter †For 208 operation multiply by 0.90

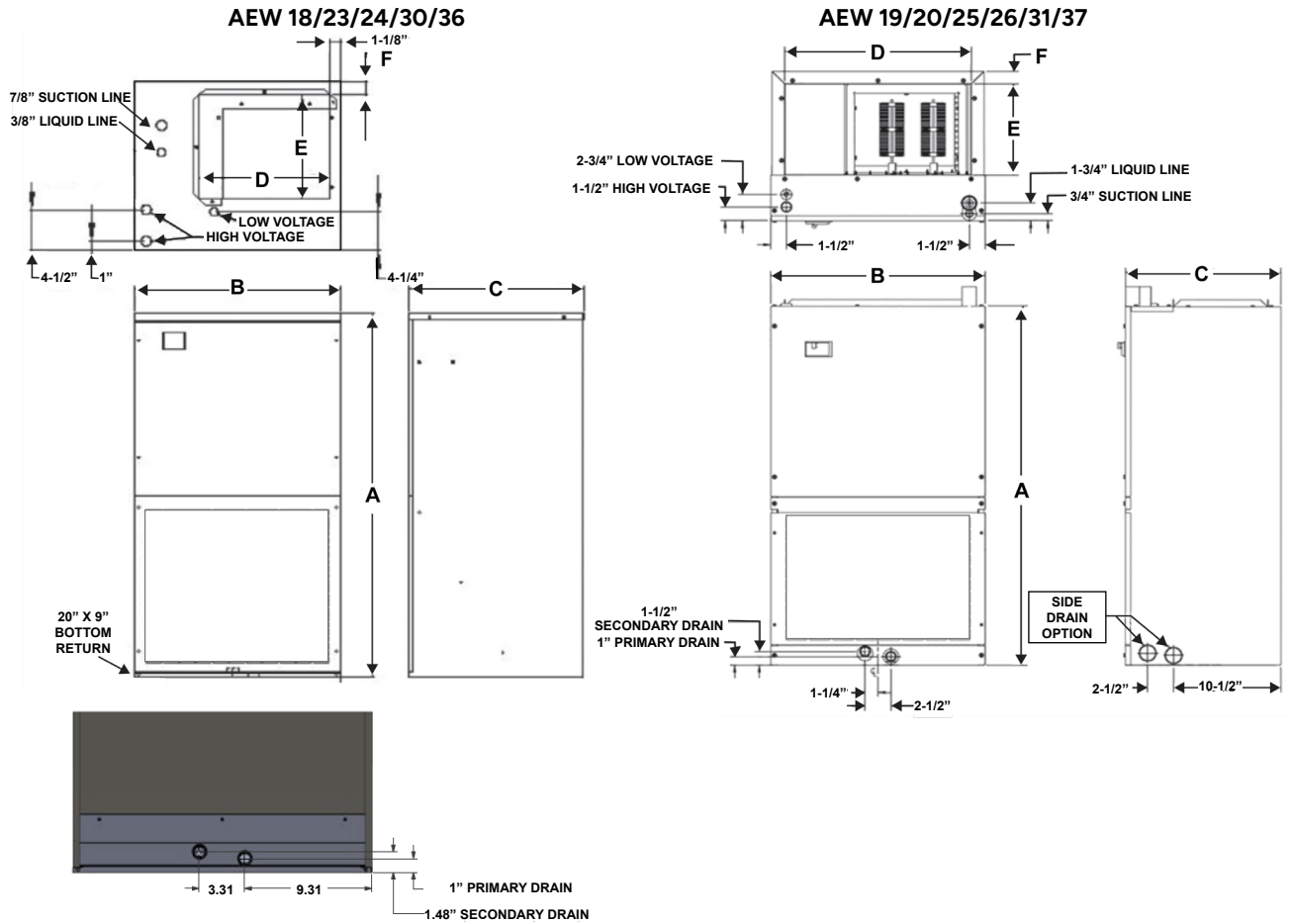
AIR HANDLER CHASSIS NOMENCLATURE			
AEW	NOM. TON.	METERING DEVICE	OPTION CODE
	MBTUH	F	-001
240V ECM MOTOR VERTICAL WALL-MOUNT DOWNFLOW ELECTRIC FURNACE	18 = 18,000 24 = 24,000 30 = 30,000 36 = 36,000	A1 REFRIGERANTS - R410A + R22	CUSTOM OPTIONS
		X = R22 (TXV NON-BLEED AC OR HP) 4 = R410A (TXV NON-BLEED AC OR HP) B = R22 (TXV 20% BLEED AC OR HP) G = R410A (FLOWRATOR) F = R22 (FLOWRATOR)	
		A2L REFRIGERANTS - R454B + R32	
		J = R454B (TXV NON-BLEED AC OR HP) D = R32 (TXV NON-BLEED AC OR HP) K = R454B (TXV 20% BLEED AC OR HP) M = R32 (PISTON) Z = R454B/R32 CONFIGURABLE N = R454B (PISTON) (Shipped with Piston)	

ELECTRIC HEAT KIT NOMENCLATURE			
HEAT KIT SERIES	POWER CONNECTION	CABINET SIZE & NOM. TON.	HEAT STRIP
F	C	S/M	KW
WALL-MOUNT ELECTRIC HEAT	C = CIRCUIT BREAKER T = TERMINAL BLOCK	M = MEDIUM (33/34/38) S = SMALL (21/22/28/29)	00 = 0 KW 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW

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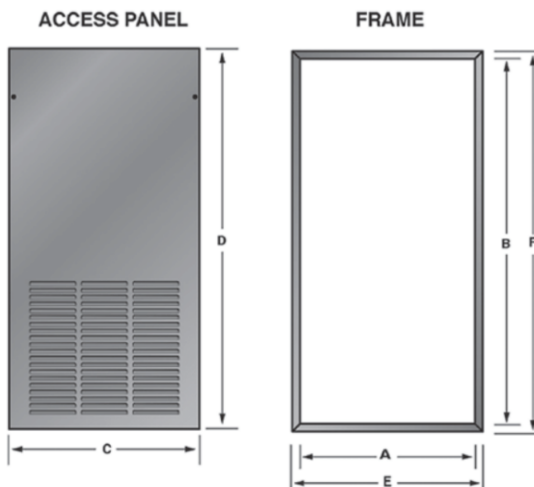
FIGURE 1



DIMENSIONS AND SPECIFICATIONS (In.)[mm.] - FIGURE 1

MODEL	A	B	C	D	E	F	FILTER	PISTON	SHIPPING INFO	
									WEIGHT	QTY
AEW18*	37-1/2 [953]	22 [559]	18-3/4 [476]	14 [356]	10 [254]	3-1/4 [83]	20X20	0.049	90	4
AEW19*	36 [915]	20-1/2 [521]	15 [381]	18 [457]	9-1/4 [235]	1-1/4 [32]	14X18	0.049	80	
AEW20*	36 [915]	20-1/2 [521]	15 [381]	18 [457]	9-1/4 [235]	1-1/4 [32]	14X18	0.049	80	
AEW23*	37-1/2 [953]	22 [559]	18-3/4 [476]	14 [356]	10 [254]	3-1/4 [83]	20X20	0.049	90	
AEW24*	37-1/2 [953]	22 [559]	18-3/4 [476]	14 [356]	10 [254]	3-1/4 [83]	20X20	0.049	90	
AEW25*	36 [915]	20-1/2 [521]	15 [381]	18 [457]	9-1/4 [235]	1-1/4 [32]	14X18	0.055	80	
AEW26*	36 [915]	20-1/2 [521]	15 [381]	18 [457]	9-1/4 [235]	1-1/4 [32]	14X18	0.055	80	
AEW30*	40-1/2 [1029]	22 [559]	18-3/4 [476]	14 [356]	11-1/2 [292]	1-3/8 [35]	20X20	0.059	102	
AEW31*	36 [915]	24 [610]	21 [533]	21-1/2 [546]	12 [305]	1-1/4 [32]	20X20	0.059	90	
AEW36*	40-1/2 [1029]	22 [559]	18-3/4 [476]	14 [356]	11-1/2 [292]	1-3/8 [35]	20X20	0.068	102	
AEW37*	36 [915]	24 [610]	21 [533]	21-1/2 [546]	12 [305]	1-1/4 [32]	20X20	0.068	90	

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DIMENSIONS & SPECIFICATIONS (In.)

PANEL MODEL	FOR USE WITH	FINISH	OPENING SIZE		PANEL SIZE		FRAME SIZE		# OF PANELS
			A	B	C	D	E	F	
WAD-7(S/L)	AEW 18/23/24	EMBOSSSED	22-5/8	39-7/8	24-1/4	41-1/2	24-1/8	41-3/8	1
WAD-8(S/L)	AEW 30/36	EMBOSSSED	22-5/8	42-7/8	24-1/4	41-1/2	24-1/8	44-3/8	
WAD-18(S/L)	AEW 18/23/24	SMOOTH	22-5/8	39-7/8	24-1/4	41-1/2	24-1/8	41-3/8	
WAD-19(S/L)	AEW 30/36	SMOOTH	22-5/8	42-7/8	24-1/4	41-1/2	24-1/8	44-3/8	
WAD-20(S/L)	AEW 19/20/25/26	EMBOSSSED	21-1/8	38-3/8	22-3/4	40	22-5/8	39-7/8	
WAD-21(S/L)	AEW 31/37	EMBOSSSED	24-5/8	38-3/8	26-1/4	40	26-1/8	39-7/8	
WAD-22(S/L)	AEW 19/20/25/26	SMOOTH	21-1/8	38-3/8	22-3/4	40	22-5/8	39-7/8	
WAD-23(S/L)	AEW 31/37	SMOOTH	24-5/8	38-3/8	26-1/4	40	26-1/8	39-7/8	

HELPFUL LINKS



VIEW PRODUCT ONLINE

For full warranty terms and conditions, please refer to the Warranty Information section on Aspen's official website.



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Learn more about Aspen's A2L Refrigerant Technology for R32 and R454B Systems.

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