



Unit shown with service panels removed. Representative drawing only. Some models may vary in appearance.



## FEATURES AND SPECIFICATIONS:

### 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 R-22 or R-410A when a proper metering device is used.

### MOTOR

Pre-programmed, 5-speed, 208V/240V ECM motors that ensure higher efficiency and increased energy savings by delivering constant torque during operation.

### LOW LEAKAGE CABINET

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

### MODULAR ELECTRIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available in 3,5,6,8, and 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 and 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. Automotive-style pull fuse protection on the circuit board to provide low voltage and transformer protection.

### DX COIL

High efficiency rifled aluminum tubes/enhanced aluminum fins provide maximum heat transfer. All coils factory leak tested with two-stage pressure decay and mass spectrometer process 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 3/4" FPT drain connections, or alternate right side primary. Access door allows for coil cleaning.

### OPTIONS

See options menu.

## ASK FOR ASPEN

LEW Spec-2024-10-V001

In keeping with its commitment to continuous improvement, Aspen Manufacturing reserves the right to make changes without notice and incurring obligation.

### HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	NOMINAL COOLING (BTU)	ELECTRIC HEAT KIT MODEL	PERFORMANCE DATA				ELECTRICAL DATA			
			HEATING		HEATING CAPACITY		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
			(KW)		(MBTUH)					
			208V	240V	208V	240V	208V	240V	208V	240V
LEW30A LEW30D LEW30F	18,000 - 30,000	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	30	30
		F(C,T)S06	4.6	6.0	13.5	17.9	30	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	50	60
LEW30B LEW30C LEW30E	18,000 - 30,000	F(C,T)S00	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	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
LEW36A LEW36C	18,000 - 36,000	F(C,T)M00	0.0	0.0	0.0	0.0	5.1	5.1	15	15
		F(C,T)M03	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
LEW36B LEW36D	18,000 - 36,000	F(C,T)M00	0.0	0.0	0.0	0.0	4.5	4.5	15	15
		F(C,T)M03	2.3	3.0	7.8	10.2	18	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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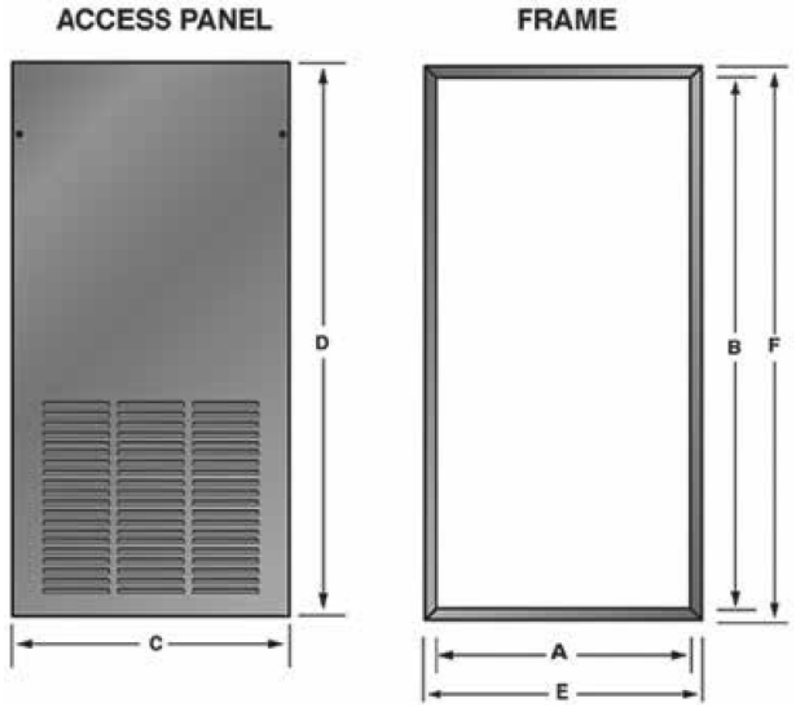
BLOWER DATA									
MODEL	SPEED TAP	MOTOR			CFM V EXTERNAL STATIC*†				
		HP	AMPS	VOLTAGE	0.10	0.20	0.30	0.40	0.50
LEW30B LEW30C	TAP 1	1/3	2.8	240	909	864	840	800	782
	TAP 2				723	690	652	631	600
	TAP 3				600	656	539	502	480
	TAP 4				723	690	652	631	600
	TAP 5				909	864	840	800	782
LEW30D LEW30E LEW30F	TAP 1				670	645	615	590	570
	TAP 2				800	780	750	730	695
	TAP 3				875	850	820	790	760
	TAP 4				980	955	930	900	875
	TAP 5				1065	1035	1015	995	970
LEW30A	TAP 1				655	630	605	580	560
	TAP 2				785	765	735	715	685
	TAP 3				860	835	805	775	745
	TAP 4				960	835	805	775	745
	TAP 5				1045	1015	995	975	950
LEW36A LEW36C	TAP 1	1/2	4.1	240	1365	1332	1303	1271	1240
	TAP 2				745	698	668	630	600
	TAP 3				898	873	853	827	880
	TAP 4				1174	1132	1106	1078	1047
	TAP 5				1365	1332	1303	1271	1240
LEW36B LEW36D	TAP 1				745	715	675	640	615
	TAP 2				940	910	875	840	805
	TAP 3				1100	1070	1025	995	965
	TAP 4				1220	1180	1155	1115	1085
	TAP 5				1385	1350	1330	1290	1270

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

AIR HANDLER CHASSIS NOMENCLATURE				
LEW	30	A	F	-001
LEW = 240V X13 Motor Vertical Wall Mount	NOMINAL TONNAGE (MBTUH)	Coil Code	<b>Metering device</b> 4 = non-bleed A/C or H/P R410 TXV B = 20% bleed A/C or H/P R22 TXV F = R-22 Flo-rater G = R410-A Flo-rater X = non-bleed A/C or H/P R22 TXV	OPTION CODE

ELECTRIC HEAT NOMENCLATURE			
F	C	S	03
Wall Mount Electric Heat	Interruption C = Circuit Breaker T = Terminal Block	S = 30 M = 36	Heat Strip 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW

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



### DIMENSION AND SPECIFICATIONS (FIG. 2)

PANEL MODEL	FOR USE WITH	FINISH	A"	B"	C"	D"	E"	F"	# OF PANELS
WAD-7(S/L)	LEW30B/30C/36A	Embossed	22-1/4	39-1/2	24-1/4	41-1/2	24-1/8	41-3/8	1
WAD-8(S/L)	LEW30E/36C			42-1/2		44-1/2		44-3/8	
WAD-18(S/L)	LEW30B/30C/36A	Smooth		39-1/2		41-1/2		41-3/8	
WAD-19(S/L)	LEW30E/36C			42-1/2		44-1/2		44-3/8	
WAD-20(S/L)	LEW30A	Embossed	20-3/4	38	22-3/4	40	22-1/8	39-7/8	
WAD-21(S/L)	LEW30D/30F/36B/36D		24-1/4		26-1/4		26-1/8		
WAD-22(S/L)	LEW30A	Smooth	20-3/4		22-3/4		22-1/8		
WAD-23(S/L)	LEW30D/30F/36B/36D		24-1/4		26-1/4		26-1/8		

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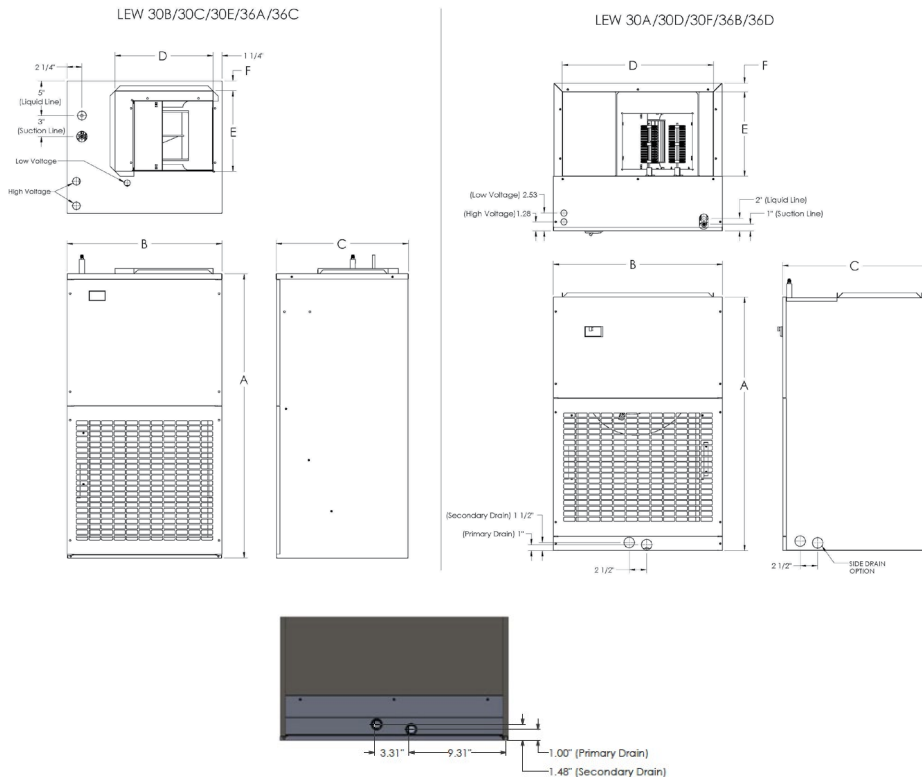
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DIMENSION AND SPECIFICATIONS (in. [mm]) FIG. 1

MODEL #	A	B	C	D	E	F	FILTER	PISTON	SHIP WEIGHT (LB)	SKID QTY
LEW30A*	36 [915]	20-1/2 [521]	15 [381]	18 [457]	9-1/4 [235]	1-1/4 [32]	14X18	0.049	80	4
LEW30B*	37-1/2 [953]	22 [559]	18-3/4 [476]	14 [356]	10 [254]	3-1/4 [83]	18X20			
LEW30C*	37-1/2 [953]	22 [559]	18-3/4 [476]	14 [356]	10 [254]	3-1/4 [83]		0.055	90	
LEW30D*	36 [915]	24 [610]	21 [533]	21-1/2 [546]	12 [305]	1-1/4 [32]	20X20	0.049		
LEW30E*	40-1/2 [1029]	22 [559]	18-3/4 [476]	14 [356]	11-1/2 [292]	1-3/8 [35]		0.059	102	
LEW30F*	36 [915]	24 [610]	21 [533]	21-1/2 [546]	12 [305]	1-1/4 [32]		0.055	90	
LEW36A*	37-1/2 [953]	22 [559]	18-3/4 [476]	14 [356]	10 [254]	3-1/4 [83]	18X20	0.049		
LEW36B*	36 [915]	24 [610]	21 [533]	21-1/2 [546]	12 [305]	1-1/4 [32]	20X20	0.059	102	
LEW36C*	40-1/2 [1029]	22 [559]	18-3/4 [476]	14 [356]	11-1/2 [292]	1-3/8 [35]		0.068		
LEW36D*	36 [915]	24 [610]	21 [533]	21-1/2 [546]	12 [305]	1-1/4 [32]		90		

Fig. 1



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