



Unit shown with service panels removed. Representative drawing only. Some models may vary in appearance. Due to continuous product improvement, specifications are subject to change without notice.

**FEATURES AND BENEFITS:**

**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 R-22, R-410A, R-454B, and R-32 when a proper metering device is used.
- In accordance to UL 60335 Refrigerant Detection Systems are factory-installed on A2L refrigerant ready air handlers.

**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-in-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.



**WANT MORE INFORMATION ON ASPEN'S LEW SERIES AIR HANDLERS?**  
SCAN QR CODE TO VISIT THIS PRODUCT ON OUR WEBSITE



*For complete warranty details, please visit our Warranty Information tab when you visit Aspen's website.*

*To view this coil's product information online for the most up-to-date information scan the QR Code.*

In keeping with its commitment to continuous improvement. Aspen Manufacturing reserves the right to make changes without notice and incurring obligation. To stay up-to-date with this product and Aspen's trusted line of coils, air handlers, and more, go to our website. LEW Spec-2024-10-V001

# SPECIFICATIONS & PERFORMANCE:

## HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	NOM. COOLING (BTU)	ELECTRIC HEAT KIT MODEL	PERFORMANCE DATA				ELECTRICAL DATA			
			HEATING (KW)		HEATING CAPACITY (MBTUH)		MIN. CIRCUIT AMPACITY (MCA)		MAX. BREAKER OR FUSE SIZE	
			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

## BLOWER DATA

MODEL	SPEED TAP	MOTOR			CFM V EXTERNAL STATIC*† (Wet Coil)				
		HP	AMPS	VOLTAGE	0.10	0.20	0.30	0.40	0.50
LEW30B LEW30C	TAP 1				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	1/3	2.8		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			240	860	835	805	775	745
	TAP 4				960	835	805	775	745
	TAP 5				1045	1015	995	975	950
LEW36A LEW36C	TAP 1				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	1/2	4.1		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
240V X13 MOTOR VERTICAL WALL MOUNT	NOMINAL TONNAGE (MBTUH)	COIL CODE	<b>A1 Metering device</b> 4 = Non-bleed A/C or H/P R410 TXV      G = R410-A Flo-rater B = 20% bleed A/C or H/P R22 TXV      X = Non-bleed A/C or H/P R22 TXV F = R-22 Flo-rater	OPTION CODE
			<b>A2L Metering device</b> D = Non-bleed A/C or H/P R32 TXV      M = R32 piston J = Non-bleed A/C or H/P R454B TXV      N = R454B piston K = 20% bleed A/C or H/P R454B TXV	

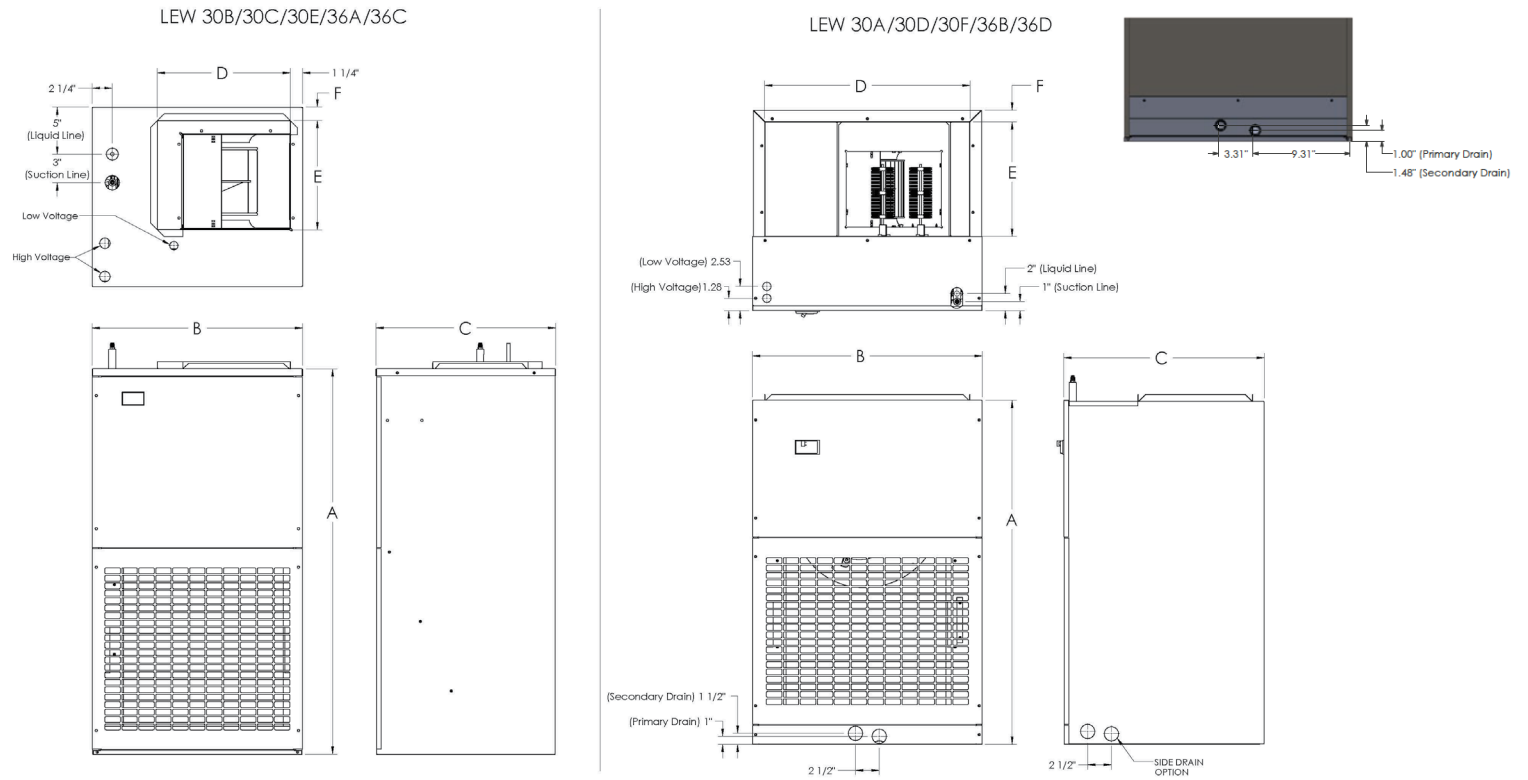
## ELECTRIC HEAT NOMENCLATURE

F	C	S	03
WALL MOUNT ELECTRIC HEAT	<u>INTERRUPTION</u> C = CIRCUIT BREAKER T = TERMINAL BLOCK	S = 30 M = 36	<u>HEAT STRIP</u> 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW

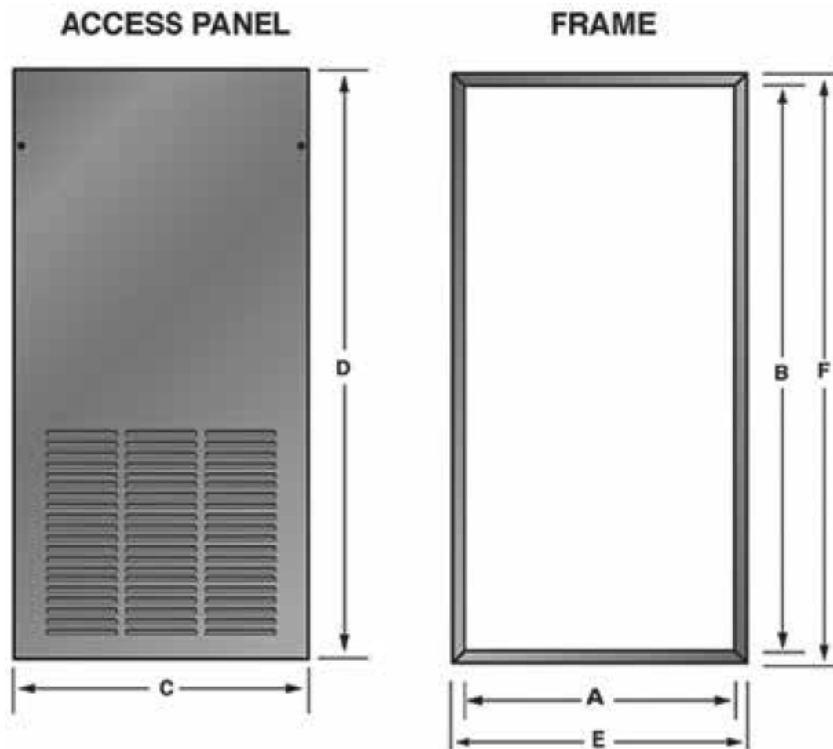
# DIMENSION AND SPECIFICATIONS (In. [mm]) - Figure 1

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	
LEW30B*	37-1/2 [953]	22 [559]	18-3/4 [476]	14 [356]	10 [254]	3-1/4 [83]	18X20	0.049	90	
LEW30C*	37-1/2 [953]	22 [559]	18-3/4 [476]	14 [356]	10 [254]	3-1/4 [83]	18X20	0.055	90	
LEW30D*	36 [915]	24 [610]	21 [533]	21-1/2 [546]	12 [305]	1-1/4 [32]	20X20	0.049	90	
LEW30E*	40-1/2 [1029]	22 [559]	18-3/4 [476]	14 [356]	11-1/2 [292]	1-3/8 [35]	20X20	0.059	102	4
LEW30F*	36 [915]	24 [610]	21 [533]	21-1/2 [546]	12 [305]	1-1/4 [32]	20X20	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	90	
LEW36B*	36 [915]	24 [610]	21 [533]	21-1/2 [546]	12 [305]	1-1/4 [32]	20X20	0.059	90	
LEW36C*	40-1/2 [1029]	22 [559]	18-3/4 [476]	14 [356]	11-1/2 [292]	1-3/8 [35]	20X20	0.068	102	
LEW36D*	36 [915]	24 [610]	21 [533]	21-1/2 [546]	12 [305]	1-1/4 [32]	20X20	0.068	90	

**Figure 1**



**Figure 2**



INSTALLATION CLEARANCES (In. [mm])		
	OPERATION	SERVICE
TOP	0	0
FRONT		30"
SIDES		0
REAR		0

**DIMENSION AND SPECIFICATIONS (In. [mm]) - Figure 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	
WAD-8(S/L)	LEW30E/36C	Embossed	22-1/4	42-1/2	24-1/4	44-1/2	24-1/8	44-3/8	
WAD-18(S/L)	LEW30B/30C/36A	Smooth	22-1/4	39-1/2	24-1/4	41-1/2	24-1/8	41-3/8	
WAD-19(S/L)	LEW30E/36C	Smooth	22-1/4	42-1/2	24-1/4	44-1/2	24-1/8	44-3/8	1
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	Embossed	24-1/4	38	26-1/4	40	26-1/8	39-7/8	
WAD-22(S/L)	LEW30A	Smooth	20-3/4	38	22-3/4	40	22-1/8	39-7/8	
WAD-23(S/L)	LEW30D/30F/36B/36D	Smooth	24-1/4	38	26-1/4	40	26-1/8	39-7/8	