LEW SERIES

VERTICAL WALL MOUNT, ALUMINUM TUBE, ELECTRIC HEAT

FEATURES, BENEFITS, DIMENSIONS, & SPECIFICATIONS



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.

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-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" NPT drain connections or alternate right side primary. Access door allows for coil cleaning.

Liquid Line: 3/8" ODS
 Suction Line: 7/8" ODS
 Drain Pan Connections: 3/4" NPT



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.





HEATING/COOLING PERFORMANCE & ELECTRICAL DATA										
		PERF	ELECTRICAL DATA							
MODEL	NOM. COOLING	ELECTRIC HEAT KIT	HEATING (KW)		HEATING CAPACITY (MBTUH)		MIN. CIRCUIT AMPACITY (MCA2)		MAX. BREAKER OR FUSE SIZE (MEU2)	
	(BTU)		208V	240V	208V	240V	208V	240V	208V	240V
		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
LEW 30A		F(C,T)S05	3.7	4.8	12.6	16.4	24.6	28	30	30
30D 30F		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
	30,000	F(C,T)S10	7.2	9.6	24.5	32.8	46.3	53	50	60
	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
LEW 30B		F(C,T)S05	3.7	4.8	12.6	16.4	25.1	28.5	30	30
30C 30E		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
		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
LEW		F(C,T)M05	3.7	4.8	12.6	16.4	26.8	30.1	30	35
36A/36C		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
	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
LEW		F(C,T)M05	3.7	4.8	12.6	16.4	26.1	29.5	30	35
36B 36D		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		CFM VS EXTERNAL STATIC*† (WET COIL)								
MODEL	SPEED TAP	HP	AMPS	VOLT	0.1	0.2	0.3	0.4	0.5	
	T1		909	864	840	800	782			
LEW	T2				723	690	652	631	600	
30B	Т3				600	656	539	502	480	
30C	T4				723	690	652	631	600	
	T5				909	864	840	800	782	
	T1				670	645	615	590	570	
LEW	T2				800	780	750	730	695	
30D 30E	Т3	1/3	2.8		875	850	820	790	760	
30F	T4				980	955	930	900	875	
	T5			240	1065	1035	1015	995	970	
	T1				655	630	605	580	560	
1 = 14	T2				785	765	735	715	685	
LEW 30A	T3				860	835	805	775	745	
307	T4				960	835	805	775	745	
	T5				1045	1015	995	975	950	
	T1				1365	1332	1303	1271	1240	
LEW	T2				745	698	668	630	600	
36A	Т3				898	873	853	827	880	
36C	T4				1174	1132	1106	1078	1047	
	T5	1/2	4.1		1365	1332	1303	1271	1240	
	T1	1/2	4.1		745	715	675	640	615	
LEW	T2				940	910	875	840	805	
36B	Т3				1100	1070	1025	995	965	
36D	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								
LEW	NOM. TONNAGE	COIL CODE*	METERING DEVICE	OPTION CODE				
LEVV	30/36	Α	F	-001				
240V X13 MOTOR VERTICAL WALL MOUNT	30 = 30,000 (MBTUH)	A-F (SLAB SIZE, DEPTH, ROWS)	A1 4 = R410A (TXV NON-BLEED A/C or H/P) X = R22 (TXV NON-BLEED A/C or H/P) B = R22 (TXV 20% BLEED A/C or H/P) F = R22 (PISTON) G = R410A (PISTON)	OPTION				
	36 = 36,000 (SLAB SIZE, DEPTH, ROWS)		A2L J = R454B (TXV NON-BLEED A/C or H/P) K = R454B (TXV 20% BLEED A/C or H/P) D = R32 (TXV NON-BLEED A/C or H/P) M = R32 (PISTON) N = R454B (PISTON)	CODE				

^{*}Coil Code = SLAB SIZE, DEPTH, ROWS

ELECTRIC HEAT NOMENCLATURE								
HEAT KIT SERIES	POWER CONNECTION	CABINET SIZE & NOM. TON.	HEAT STRIP					
F	С	S	03					
WALL MOUNT ELECTRIC HEAT	C = CIRCUIT BREAKER T = TERMINAL BLOCK	S (SMALL) = 30 M (MEDIUM) = 36	03 = 3 KW 08 = 8 KW 05 = 5 KW 10 = 10 KW 06 = 6 KW					

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-2025-04

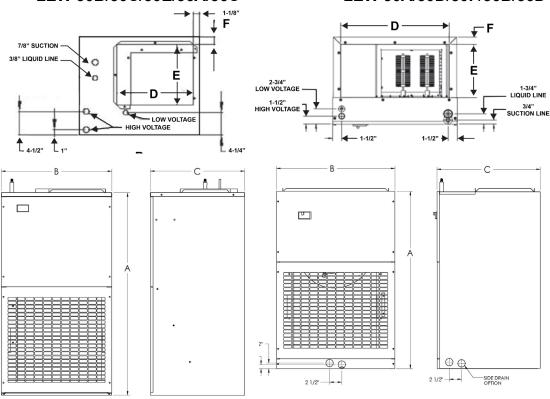


	DIMENSION AND SPECIFICATIONS (In.) - FIGURE 1											
MODEL	Α	В	С	D	Е	F	FILTER	PISTON	SHIP. INFO			
WODLL	^	ь			TILILIX	FISTOR	WEIGHT	QTY				
LEW30A*	36 [915]	20-1/2 [521]	15 [381]	18 [457]	9-1/4 [235]	1-1/4 [32]	14X18	0.049	80			
LEW30B*	37-1/2 [953]	22 [559]	18-3/4 [476]	14 [356]	10 [254]	3-1/4 [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	4		
LEW36A*	37-1/2 [953]	22 [559]	18-3/4 [476]	14 [356]	10 [254]	3-1/4 [83]	18X20	0.059	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

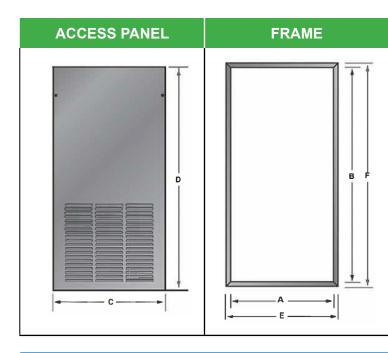
LEW 30B/30C/30E/36A/36C

LEW 30A/30D/30F/36B/36D



	PISTON SELECTION - NON-TXV										
	R22	F	R410A	G	R32	M	R454B	N			
TONNAGE	ORIFICE SIZE	PART#	ORIFICE SIZE	PART#	ORIFICE SIZE	PART#	ORIFICE SIZE	PART#			
1	0.041	3962	N/A	N/A	N/A	N/A	N/A	N/A			
1.5	0.055	3999	0.049	4006	0.042	4105	0.045	4033			
2	0.059	4000	0.055	3999	0.049	4006	0.052	4007			
2.5	0.068	3987	0.059	4000	0.053	3978	0.059	4000			
3	0.074	4001	0.068	3987	0.057	3984	0.065	3980			
3.5	0.080	3990	0.074	4001	0.063	3973	0.070	3993			
4	0.084	3991	0.080	3990	0.065	3980	0.076	3989			
5	0.092	3998	0.089	3960	0.074	4001	0.077	3995			





INSTALLATION CLEARANCES (In.)							
CABINET CLEARANCE AREA	OPERATION	SERVICE					
ТОР		0					
FRONT	0	30"					
SIDES		30					
REAR		0					

	DIMENSION & SPECIFICATIONS (In.) - FIGURE 2										
PANEL MODEL	FOR USE WITH	FINISH	Α	В	С	D	Е	F	# OF PANELS		
WAD-7(S/L)	LEW 30B/30C/ 36A	Embossed	22-5/8	39-7/8	24-1/4	41-1/2	24-1/8	41-3/8			
WAD-8(S/L)	LEW 30E/36C	Embossed	22-5/8	42-7/8	24-1/4	44-1/2	24-1/8	44-3/8			
WAD-18(S/L)	LEW 30B/30C/ 36A	Smooth	22-5/8	39-7/8	24-1/4	41-1/2	24-1/8	41-3/8			
WAD-19(S/L)	LEW 30E/36C	Smooth	22-5/8	42-7/8	24-1/4	44-1/2	24-1/8	44-3/8	1		
WAD-20(S/L)	LEW 30A	Embossed	21-1/8	38-3/8	22-3/4	40	22-5/8	39-7/8	'		
WAD-21(S/L)	LEW 30D/30F/ 36B/36D	Embossed	24-5/8	38-3/8	26-1/4	40	26-1/8	39-7/8			
WAD-22(S/L)	LEW 30A	Smooth	21-1/8	38-3/8	22-3/4	40	22-5/8	39-7/8			
WAD-23(S/L)	LEW 30D/30F/ 36B/36D	Smooth	24-5/8	38-3/8	26-1/4	40	26-1/8	39-7/8			

