



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

Upflow or horizontal right as shipped (field-convertible for downflow or horizontal left applications). Can be AHRI certified 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.

### LOW LEAKAGE CABINET

Less than 2% air leakage from cabinet when tested in accordance with ASHRAE standard 193. Unit must be installed according to installation instructions. Sturdy, fully insulated galvanized steel cabinet with knockout for duct return.

### AIR MOVING SYSTEM

Direct drive blowers circulate air quietly and efficiently. Three-speed motors allow for precise air volume selection. Rail mounted blowers provide easy removal for service and maintenance.

### ELECTRONIC CONTROL BOARD

An electronic board controls the functioning of the system reducing moving parts. The board provides a blower time delay to maximize heat/cool extraction and offers an integrated fuse for additional protection.

### ALL ALUMINUM COIL

High efficiency rifled aluminum tubes and 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. Available with either factory installed orifice or TXV metering device. Field-installable bolt-on TXVs are also available. Access door allows or easy coil cleaning.

### OPTIONS

See Options menu.



### WANT MORE INFORMATION ON ASPEN'S LAM 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. LAM Spec-2024-11-V001

# SPECIFICATIONS & PERFORMANCE:

## HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	ELECTRIC HEAT KIT MODEL	PERFORMANCE DATA						ELECTRICAL DATA			
		HEATING (KW)		HEAT KIT ONLY AMPS		HEATING CAPACITY (MBTUH)		MIN. CIRCUIT AMPACITY (MCA)		MAX. BREAKER OR FUSE SIZE	
		208V	240V	208V	240V	208V	240V	208V	240V	208V	240V
LAM24/ 25/26	E(C,T)S00	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3	15	15
	E(C,T)S03	2.3	3.0	11.1	12.5	7.8	10.2	15.8	17.9	20	20
	E(C,T)S05	3.8	5.0	18.3	20.8	13.0	17.1	23.9	27.3	25	30
	E(C,T)S08	6.1	8.0	29.3	33.3	20.8	27.3	38.3	43.9	40	45
	E(C,T)S10	7.6	10.0	36.5	41.7	25.9	34.1	45.5	52.3	50	60
LAM30/ 31/32	E(C,T)S00	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.3	15	15
	E(C,T)S03	2.3	3.0	11.1	12.5	7.8	10.2	16.8	18.9	20	25
	E(C,T)S05	3.8	5.0	18.3	20.8	13.0	17.1	24.9	28.3	30	30
	E(C,T)S08	6.1	8.0	29.3	33.3	20.8	27.3	39.3	44.9	45	50
	E(C,T)S10	7.6	10.0	36.5	41.7	25.0	34.1	46.6	53.3	50	60
	E(C,T)S15	11.3	15.0	54.3	62.5	38.6	51.2	46.5/21.6	53.3/25	50/25	60/25
LAM36/ 37/38	E(C,T)S00	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.3	15	15
	E(C,T)S03	2.3	3.0	11.1	12.5	7.8	10.2	16.8	18.9	20	25
	E(C,T)S05	3.8	5.0	18.3	20.8	13.0	17.1	24.9	28.3	30	30
	E(C,T)S08	6.1	8.0	29.3	33.3	20.8	27.3	39.3	44.9	45	50
	E(C,T)S10	7.6	10.0	36.5	41.7	25.0	34.1	46.6	53.3	50	60
	E(C,T)S15	11.3	15.0	54.3	62.5	38.6	51.2	46.5/21.6	53.3/25	50/25	60/25
LAM 42/43	F(C,T)L00	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	15	15
	E(C,T)L05	3.8	5.0	18.3	20.8	13.0	17.1	27.1	30.5	30	35
	E(C,T)L10	7.6	10.0	36.5	41.7	25.9	34.1	48.8	55.5	50	60
	E(C,T)L15	11.3	15.0	54.3	62.5	38.6	51.2	48.8/21.6	55.5/25	50/25	60/25
	E(C,T)L20	15.0	20.0	72.1	83.3	51.2	68.3	48.8/43.3	55.5/50	50/45	60/50
	E(C,T)L25	18.8	25.0	90.4	104.2	64.2	85.3	48.8/43.3 /21.6	59.5/50 /25	50/45 /25	60/50 /50
LAM 48/49	F(C,T)L00	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	15	15
	E(C,T)L05	3.8	5.0	18.3	20.8	13.0	17.1	27.1	30.5	30	35
	E(C,T)L10	7.6	10.0	36.5	41.7	25.9	34.1	48.8	55.5	50	60
	E(C,T)L15	11.3	15.0	54.3	62.5	38.6	51.2	48.8/21.6	55.5/25	50/25	60/25
	E(C,T)L20	15.0	20.0	72.1	83.3	51.2	68.3	48.8/43.3	55.5/50	50/45	60/50
	E(C,T)L25	18.8	25.0	90.4	104.2	64.2	85.3	48.8/43.3 /21.6	59.5/50 /25	50/45 /25	60/50 /25
LAM60/ 61/62	F(C,T)L00	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	15	15
	E(C,T)L05	3.8	5.0	18.3	20.8	13.0	17.1	27.1	30.5	30	35
	E(C,T)L10	7.6	10.0	36.5	41.7	25.9	34.1	48.8	55.5	50	60
	E(C,T)L15	11.3	15.0	54.3	62.5	38.6	51.2	48.8/21.6	55.5/25	50/25	60/25
	E(C,T)L20	15.0	20.0	72.1	83.3	51.2	68.3	48.8/43.3	55.5 / 50	50/45	60/50
	E(C,T)L25	18.8	25.0	90.4	104.2	64.2	85.3	48.8/43.3 /21.6	59.5/50 /25	50/45 /25	60/50 /25

## ELECTRIC HEAT KIT NOMENCLATURE

E	C	S	03
ELECTRIC HEAT	<u>INTERRUPTION</u> C = CIRCUIT BREAKER T = TERMINAL BLOCK	S = 24-38 L = 42-62	<u>HEAT STRIP</u> 00 = 0 KW 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW 15 = 15 KW 20 = 20 KW 25 = 25 KW

## BLOWER DATA

MODEL	MOTOR				CFM V EXTERNAL STATIC*				
	MOTOR SPEED	HP	AMPS	VOLTAGE	0.1	0.2	0.3	0.4	0.5
LAM 24/25/26	LOW	1/5	1.8	240	835	800	790	750	695
	HIGH				915	880	875	825	770
LAM 30/31/32/36/37/38	LOW	1/3	2.6	240	1130	1100	1050	1000	960
	HIGH				1410	1350	1280	1200	1160
LAM 42/43/48/49/60/61/62	LOW	3/4	4.4	240	1520	1500	1485	1460	1440
	MID				1700	1675	1640	1620	1575
	HIGH				2060	2020	1980	1935	1885

## AIR HANDLER CHASSIS NOMENCLATURE

LAM	18	D	G	000
240V PSC MULTI-POSITION AIR HANDLER	NOMINAL TONNAGE (MBTUH)	Coil size (slab size, depth, rows)	<b>A1 Metering device</b> 4 = Non-bleed A/C or H/P R410 TXV      F = R-22 Flo-rater 6 = 20% bleed A/C or H/P R410 TXV      G = R410 Flo-rater B = 20% bleed A/C or H/P R22 TXV      X = Non-bleed A/C or H/P R22 TXV <hr/> <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	OPTION CODE

## LEM DIMENSIONS (In.) - Figure 1

Model	A	B	C	D	E	F	G	J	K	FILTER SIZE	SHIP. WEIGHT	SKID QTY
LAM24/25+E*	21 [533]	40 [1016]	20-1/2 [521]	18-3/4 [476]	12 [305]	8-1/4 [209]	12-1/4 [311]	18-1/2 [470]	18-1/2 [470]	16X20	100	4
LAM30+E*	21 [533]	49-1/4 [1251]		18-3/4 [476]	12 [305]	8-1/4 [209]	14-1/4 [362]	18-1/2 [470]		16X20	118	
LAM26/32/ 36/38+E*	21 [533]	49-1/4 [1251]		18-3/4 [476]	12 [305]	10-1/4 [260]	16-1/4 [412]	18-1/2 [470]		16X20	118	
LAM42+E*	24-1/2 [622]	57 [1448]		22-1/4 [565]	14-3/4 [375]	11 [279]	16 [406]	22 [559]		20X20	153	
LAM48+E*	24-1/2 [622]	57 [1448]		22-1/4 [565]	14-3/4 [375]	13 [330]	18 [457]	22 [559]		20X20	180	
LAM43/49/ 60/62+E*	24-1/2 [622]	57 [1448]		22-1/4 [565]	14-3/4 [375]	13 [330]	18 [457]	22 [559]		20X20	180	
LAM61+E*	24-1/2 [622]	57 [1448]		22-1/4 [565]	14-3/4 [375]	15 [381]	20 [508]	22 [559]		20X20	200	

**Figure 1**

**SUCTION LINE:**

1.5T to 3.0T = 3/4"

3.5T to 5.0T = 7/8"

**LIQUID LINE:** 3/8"

