

LAM SERIES

MULTI-POSITION, ALUMINUM COIL

FEATURES, BENEFITS, DIMENSIONS, & SPECIFICATIONS



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

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 for easy coil cleaning.

WARRANTY Ten-year limited warranty.

OPTIONS See options menu.

APPLICATION VERSATILITY

Upflow or horizontal right as shipped (field-convertible for down-flow 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



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-2025-04

HEATING/COOLING PERFORMANCE & ELECTRICAL DATA												
MODEL	PERFORMANCE DATA								ELECTRICAL DATA			
	NOM. COOL. (BTUs)	ELECTRIC HEAT KIT	HEATING (KW)		HEAT KIT (A)		HEATING CAPACITY (MBTUH)		MIN. CIRCUIT AMPACITY (MCA2)		MAX. BREAKER OR FUSE SIZE (MEU2)	
			208V	240V	208V	240V	208V	240V	208V	240V	208V	240V
LAM 24/25/26	24,000	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
LAM 30/31/32	30,000	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 36/37/38	36,000	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	42,000	E(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
LAM 48/49	48,000	E(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	60,000	E(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

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BLOWER DATA									
MODEL	PSC MOTOR				CFM VS EXTERNAL STATIC (WET COIL)				
	SPEED TAP	HP	AMP	VOLT	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	1/5	1.8		915	880	875	825	770
LAM 30/31/32/36/37/38	LOW	1/3	2.6		1130	1100	1050	1000	960
	HIGH	1/3	2.6		1410	1350	1280	1200	1160
LAM 42/43/48/49/60/61/62	LOW	3/4	4.4		1520	1500	1485	1460	1440
	MID	3/4	4.4		1700	1675	1640	1620	1575
	HIGH	3/4	4.4		2060	2020	1980	1935	1885

AIR HANDLER CHASSIS NOMENCLATURE			
LAM	NOM. TONNAGE	METERING DEVICE	OPTION CODE
	18	G	-000
240V PSC MULTI-POSITION AIR HANDLER	24 = 24,000 30 = 30,000 36 = 36,000 42 = 42,000 60 = 60,000 (MBTUH)	A1 4 = R410A (TXV NON-BLEED A/C or H/P) 6 = R410A (TXV 20% 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 CODE
		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)	

ELECTRIC HEAT KIT NOMENCLATURE			
HEAT KIT SERIES	POWER CONNECTION	CABINET SIZE & NOM. TON.	HEAT STRIP
E	C	S	03
ELECTRIC HEAT	C = CIRCUIT BREAKER T = TERMINAL BLOCK	S = 24-38 L = 42-62	00 = 0 KW 10 = 10 KW 03 = 3 KW 15 = 15 KW 05 = 5 KW 20 = 20 KW 06 = 6 KW 25 = 25 KW 08 = 8 KW

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LAM DIMENSIONS (In.) - FIGURE 1

MODEL	A	B	C	D	E	F	G	J	K	FILTER	SHIPPING INFO	
											WEIGHT	QTY
LAM 24/25+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
LAM 30+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	
LAM 26/32/36/38+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	
LAM 42+E*	24-1/2 [622]	57 [1448]		22-1/4 [565]	14-3/4 [375]	11 [279]	16 [406]	22 [559]		20X20	153	
LAM 48+E*	24-1/2 [622]	57 [1448]		22-1/4 [565]	14-3/4 [375]	13 [330]	18 [457]	22 [559]		20X20	180	
LAM 43/49/60/62+E*	24-1/2 [622]	57 [1448]		22-1/4 [565]	14-3/4 [375]	13 [330]	18 [457]	22 [559]		20X20	180	
LAM 61+E*	24-1/2 [622]	57 [1448]		22-1/4 [565]	14-3/4 [375]	15 [381]	20 [508]	22 [559]		20X20	200	

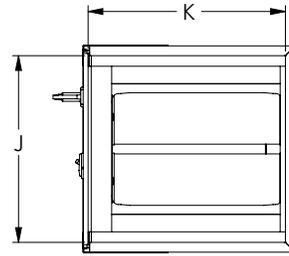
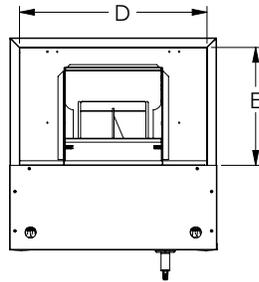
FIGURE 1

SUCTION LINE:

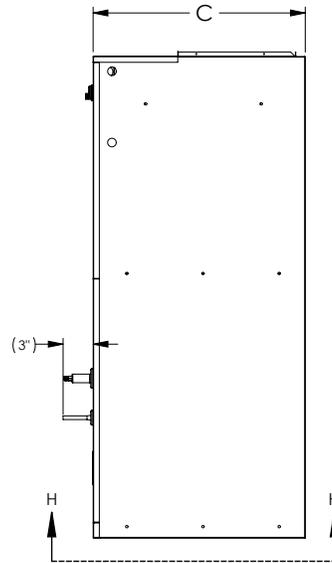
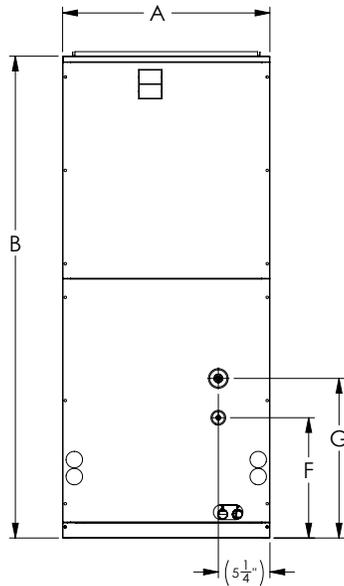
1.5T to 3.0T = 3/4"

3.5T to 5.0T = 7/8"

LIQUID LINE: 3/8"



VIEW H-H



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