



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 left as shipped (field convertible for downflow or horizontal right).

- 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

X-13 has 5 speed taps. Multi-speed option available with option code. Motors are pre-programmed at the factory.

CABINET

Sturdy, low profile galvanized steel cabinet with painted front panels. Cabinet fully insulated with 1/2" micro mat non-hygroscopic insulation to prevent sweating and mold growth, to encapsulate glass fibers, and to provide excellent R-value. Stick pins ensure insulation remains in place. Units ship with disposable filter in filter rack.

MODULAR ELECTRIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available with 3 to 30 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. Electrical connections can be made from the top or left. Disconnect does not protrude through the wall panel. Fan time delay relay standard.

BLOWER

Direct drive multi-speed blowers circulate air quietly and efficiently and allow for precise air volume selection. Five motor speeds can be easily selected via motor terminals. Blowers mounted on rails so they can be easily removed for service.

WARRANTY

Five-year limited parts warranty.

OPTIONS

See options menu.



WANT MORE INFORMATION ON ASPEN'S AEL 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. AEL Spec-2024-12

SPECIFICATIONS & PERFORMANCE:

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	ELECTRIC HEAT KIT	PERFORMANCE DATA					ELECTRICAL DATA			
		NOM. COOLING (BTU)	HEATING (KW)		HEATING (KBTUH)		MIN. CIRCUIT AMPACITY (MCA)		MAX. BREAKER OR FUSE SIZE	
			208V	240V	208V	240V	208V	240V	208V	240V
AELS	E(C,T)S00	18,000 - 24,000	0.0	0.0	0.0	0.0	3.5	3.5	15.0	15.0
	E(C,T)S03		2.3	3.0	7.8	10.2	17.0	19.1	20.0	20.0
	E(C,T)S05		3.6	4.8	12.6	16.4	25.1	28.5	25.0	30.0
	E(C,T)S08		6.0	8.0	20.8	27.3	39.6	45.2	40.0	45.0
	E(C,T)S10		7.2	9.6	25.3	32.8	46.8	53.5	50.0	60.0
AELM	E(C,T)S00	30,000 - 36,000	0.0	0.0	0.0	0.0	5.1	5.1	15.0	15.0
	E(C,T)S03		2.3	3.0	7.8	10.2	18.6	20.8	20.0	25.0
	E(C,T)S05		3.6	4.8	12.6	16.4	26.8	30.1	30.0	30.0
	E(C,T)S08		6.0	8.0	20.8	27.3	41.2	46.8	45.0	50.0
	E(C,T)S10		7.2	9.6	25.3	32.8	48.4	55.1	50.0	60.0
	E(C,T)S15		11.3	14.4	38.5	49.1	48.4/21.6	55.1/25	50/25	60/25
AELL	E(C,T)L00	42,000 48,000 60,000	0.0	0.0	0.0	0.0	9.5	9.5	20.0	20.0
	E(C,T)L08		6.1	8.0	7.8	10.2	45.6	51.2	45.0	60.0
	E(C,T)L10		7.4	9.6	12.6	16.4	52.8	59.5	60.0	60.0
	E(C,T)L15		11.3	14.4	38.6	49.1	52.8/21.6	59.5/25	60/25	60/25
	E(C,T)L20		14.4	19.2	49.1	65.5	52.8/43.3	59.5/50	60/45	60/50
	E(C,T)L25		18.0	24.0	61.4	81.9	52.8/43.3/21.6	59.5/50/25	60/45/25	60/50/25
	E(C,T)L30		21.6	28.8	73.7	98.26	52.8/43.3/43.3	59.5/50/50	60/45/45	60/50/50

*Dry Coil with filter in place. CFM is based on a 3 row coil. For approximate CFM with a 4 row multiply CFM by .96

BLOWER DATA

MODEL	SPEED TAP	MOTOR			CFM V EXTERNAL STATIC*				
		HP	AMPS	VOLTAGE	0.10	0.20	0.30	0.40	0.50
AELS	TAP 1				650	590	540	500	470
	TAP 2				685	650	600	575	540
	TAP 3	1/3	2.8	650	885	850	810	775	750
	TAP 4				1075	1040	1000	960	930
	TAP 5				1300	1250	1210	1170	1130
AELM	TAP 1				990	980	930	800	750
	TAP 2				1100	1050	1020	1000	950
	TAP 3	1/2	4.1	990	1275	1240	1200	1175	1150
	TAP 4				1450	1410	1380	1350	1310
	TAP 5				1575	1550	1525	1490	1465
AELL	TAP 1				1340	1200	1050	865	775
	TAP 2				1480	1375	1230	1100	980
	TAP 3	1	7.6	1340	1725	1650	1630	1590	1540
	TAP 4				1900	1865	1830	1775	1740
	TAP 5				2120	2075	2015	1975	1940

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.

AEL Spec-2024-12

AIR HANDLER CHASSIS NOMENCLATURE

AAL	S	-001
240V X13 MOTOR MULTI-POSITION ELECTRIC FURNACE	S = 18 & 24 M = 30 & 36 L = 42, 48 & 60	OPTION CODE

ELECTRIC HEAT KIT NOMENCLATURE

E	C	S	03
ELECTRIC HEAT	<u>INTERRUPTION</u> C = CIRCUIT BREAKER T = TERMINAL BLOCK P = SINGLE POINT HOOKUP 3 = 3-PHASE CIRCUIT BREAKER 4 = 3-PHASE TERMINAL BLOCK	<u>TONNAGE</u> S = 18-36 L = 42-60	<u>HEAT STRIP</u> 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW 15 = 15 KW 20 = 20 KW 24 = 24 KW 25 = 25 KW 30 = 30 KW

DIMENSIONS AND SHIPPING SPECIFICATIONS (In. [mm]) - Figure 1

MODEL	WIDTH (A)	HEIGHT (B)	DUCT OPENING		BOTTOM OPENING	FILTER SIZE	SHIP WEIGHT (LB)	SKID QTY
			C	D	E			
AELS	21	26	18-3/4	12	18-1/2	16X20	69	
AELM	21	26	18-3/4	12	18-1/2	16X20	78	8
AELL	24-1/2	32	22-1/4	10-1/2	22	20X20	89	

Figure 1

