

GAM SERIES

MULTI-POSITION ELECTRIC HEAT DX COOL AIR HANDLERS

Product Dimensions & Specifications



WARRANTY

One year limited parts warranty

OPTIONS

See options menu

MANUFACTURED IN THE USA

Representative image only.
Some models may vary in appearance.
Due to continuous product improvement,
specifications are subject to change
without notice.



Rev. Date: 04/05/21

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STANDARD FEATURES

APPLICATION VERSATILITY

Upflow or horizontal right as shipped (field-convertible for down-flow or horizontal left applications).

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.

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.

BLOWER

Direct drive multi-speed blowers circulate air quietly and efficiently. 3-speed motors allow for precise air volume selection. Motor speeds can be easily selected via motor terminals. Blowers mounted on rails so they can be easily removed for service.

DX COIL

High efficiency rifled copper tubes/enhanced aluminum fins provide maximum heat transfer. All coils immersion tested at 500 psi then nitrogen pressurized and factory sealed for maximum reliability. Liquid-line Schrader allows pre-installation pressure testing. Available with either orifice or TXV metering device factory installed. Field-installable bolt-on TXVs are also available. Rugged GLP drain pan holds minimal condensate while eliminating the possibility of corrosion. Drain pan is UV safe. Galvanized metal drain pan (on 60/61 models only) with bottom primary and secondary drain connections or alternate right side primary. All connections 3/4" FPT. Access door allows for coil cleaning.



HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	HEAT KIT	HEATING CAPACITY (MBTUH)		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
		208V	240V	208V	240V	208V	240V
GAM 18/19+	E(C,T)S00	0.0	0.0	2.3	2.3	15	15
	E(C,T)S03	7.8	10.2	15.8	17.9	20	20
	E(C,T)S05	13.0	17.1	23.9	27.3	25	30
	E(C,T)S06	15.4	20.5	29.3	33.5	30	35
	E(C,T)S08	20.8	27.3	38.3	43.9	40	45
	E(C,T)S10	25.9	34.1	45.5	52.3	50	60
GAM 24/25 +	E(C,T)S00	0.0	0.0	2.3	2.3	15	15
	E(C,T)S03	7.8	10.2	15.8	17.9	20	20
	E(C,T)S05	13.0	17.1	23.9	27.3	25	30
	E(C,T)S06	15.4	20.5	29.3	33.5	30	35
	E(C,T)S08	20.8	27.3	38.3	43.9	40	45
	E(C,T)S10	25.9	34.1	45.5	52.3	50	60
GAM 30/31 +	E(C,T)S00	0.0	0.0	3.3	3.3	15	15
	E(C,T)S03	7.8	10.2	16.8	18.9	20	20
	E(C,T)S05	13.0	17.1	24.9	28.3	25	30
	E(C,T)S06	15.4	20.5	30.3	34.5	35	35
	E(C,T)S08	20.8	27.3	39.3	44.9	40	45
	E(C,T)S10	25.9	34.1	46.5	53.3	50	60
	E(C,T)S15	38.6	51.2	46.5/21.6	53.3/25	50/25	60/25
GAM 36/37 +	E(C,T)S00	0.0	0.0	3.3	3.3	15	15
	E(C,T)S03	7.8	10.2	16.8	18.9	20	20
	E(C,T)S05	13.0	17.1	24.9	28.3	25	30
	E(C,T)S06	15.4	20.5	30.3	34.5	35	35
	E(C,T)S08	20.8	27.3	39.3	44.9	40	45
	E(C,T)S10	25.9	34.1	46.5	53.3	50	60
	E(C,T)S15	38.6	51.2	46.5/21.6	53.3/25	50/25	60/25
GAM 42/43 +	E(C,T)L00	0.0	0.0	5.5	5.5	15	15
	E(C,T)L03	7.8	10.2	19.0	21.1	25	25
	E(C,T)L05	13.0	17.1	27.1	30.5	30	35
	E(C,T)L06	15.4	20.5	32.5	36.8	35	40
	E(C,T)L08	20.8	27.3	41.6	47.2	45	50
	E(C,T)L10	25.9	34.1	48.8	55.5	50	60
	E(C,T)L15	38.6	51.2	48.8/21.6	55.5/25	50/25	60/25
	E(C,T)L20	51.2	95.6	48.8/43.3	55.5/50	50/45	60/50
	E(C,T)L25	64.2	85.3	48.8/43.3/21.6	55.5/50/25	50/45/25	60/50/25
	E(C,T)L30	76.8	102.4	48.8/43.3/43.3	55.5/50/50	50/45/45	60/50/50
GAM 48/49 +	E(C,T)L00	0.0	0.0	5.5	5.5	15	15
	E(C,T)L03	7.8	10.2	19.0	21.1	25	25
	E(C,T)L05	13.0	17.1	27.1	30.5	30	35
	E(C,T)L06	15.4	20.5	32.5	36.8	35	40
	E(C,T)L08	20.8	27.3	41.6	47.2	45	50
	E(C,T)L10	25.9	34.1	48.8	55.5	50	60
	E(C,T)L15	38.6	51.2	48.8/21.6	55.5/25	50/25	60/25
	E(C,T)L20	51.2	95.6	48.8/43.3	55.5/50	50/45	60/50
	E(C,T)L25	64.2	85.3	48.8/43.3/21.6	55.5/50/25	50/45/25	60/50/25
	E(C,T)L30	76.8	102.4	48.8/43.3/43.3	55.5/50/50	50/45/45	60/50/50
GAM-60/61/62 +	E(C,T)L00	0.0	0.0	5.5	5.5	15	15
	E(C,T)L03	7.8	10.2	19.0	21.1	25	25
	E(C,T)L05	13.0	17.1	27.1	30.5	30	35
	E(C,T)L06	15.4	20.5	32.5	36.8	35	40
	E(C,T)L08	20.8	27.3	41.6	47.2	45	50
	E(C,T)L10	25.9	34.1	48.8	55.5	50	60
	E(C,T)L15	38.6	51.2	48.8/21.6	55.5/25	50/25	60/25
	E(C,T)L20	51.2	95.6	48.8/43.3	55.5/50	50/45	60/50
	E(C,T)L25	64.2	85.3	48.8/43.3/21.6	55.5/50/25	50/45/25	60/50/25
	E(C,T)L30	76.8	102.4	48.8/43.3/43.3	55.5/50/50	50/45/45	60/50/50

208/240V- 3 PHASE CIRCUIT BREAKER

MODEL	PERFORMANCE DATA				ELECTRICAL DATA				
	NOMINAL COOLING (BTUS)	HEATING (KW)		HEATING CAPACITY (MBTUH)		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
		208V	204V	208V	204V	208V	204V	208V	204V
GAM42-62+E312	42,000 48,000 60,000	9.0	12.0	30.7	40.9	36.0	42.0	40.0	50.0
GAM42-62+E315		11.3	15.0	38.4	51.2	44.0	50.0	50.0	50.0
GAM42-62+E324		18.0	24.0	61.4	81.9	55	50/45	60	50/40
GAM42-62+E330		22.5	30.0	76.8	102.4	44/39	50/45	50/40	50/50

BLOWER DATA

MODEL	MOTOR HP	MOTOR AMPS	MOTOR VOLTAGE	MOTOR SPEED	CFM V. EXTERNAL STATIC*				
					0.10	0.20	0.30	0.40	0.50
GAM 18/19/24/25	1/5	1.8	240	LOW	835	800	790	750	695
				HIGH	915	880	875	825	770
GAM 30/31/36/37	1/3	2.6		LOW	1130	1100	1050	1000	960
				HIGH	1410	1350	1280	1200	1160
GAM 42/43/48/49/60/61/62	3/4	4.4		LOW	1520	1500	1485	1460	1440
				MID	1700	1675	1640	1620	1575
			HIGH	2060	2020	1980	1935	1885	

* Wet coil

AIR HANDLER CHASSIS NOMENCLATURE

GAM	18	F	-001
GAM = 240V PSC Motor Multi-Position Air Handler	Nominal tonnage (MBTUH)	<u>Metering Device</u> 4 = R410A non-bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P TXV F = R22 Flo-rater G = R410A Flo-rater X = R22 non-bleed A/C or H/P TXV	Option Code

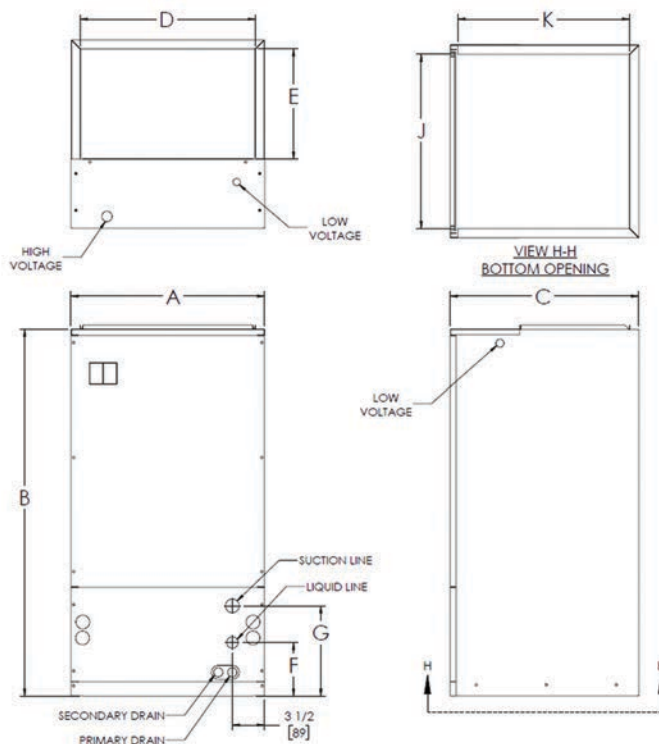
ELECTRIC HEAT KIT NOMENCLATURE

E	C	S	03
Electric Heat	<u>Interruption</u> C = Circuit Breaker T = Terminal Block P = Circuit Breaker w/Single Point	S = 18-37 L = 42-61	Heat strip 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW 15 = 15 KW 20 = 20 KW 25 = 25 KW 30 = 30 KW

DIMENSIONS AND SPECIFICATIONS (In. [mm]) (Fig 1)

MODEL	A	B	C	D	E	F	G	J	K	FILTER SIZE	PISTON SIZE	SHIP WEIGHT (LBS)	SKID QTY
GAM18+E*	21 [533]	40 [1016]	20-1/2 [521]	18-3/4 [476]	12 [305]	7-1/4 [184]	10-1/4 [260]	18-1/2 [470]	18-1/2 [470]	16X20	0.055	99	4
GAM19/24/25+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	0.059	100	4
GAM30+E*	21 [533]	49-1/4 [1251]	20-1/2 [521]	18-3/4 [476]	12 [305]	8-1/4 [209]	14-1/4 [362]	18-1/2 [470]	18-1/2 [470]	16X20	0.068	118	4
GAM36+E*	21 [533]	49-1/4 [1251]	20-1/2 [521]	18-3/4 [476]	12 [305]	10-1/4 [260]	16-1/4 [412]	18-1/2 [470]	18-1/2 [470]	16X20	0.068	118	4
GAM31/37+E*	21 [533]	49-1/4 [1251]	20-1/2 [521]	18-3/4 [476]	12 [305]	10-1/4 [260]	16-1/4 [412]	18-1/2 [470]	18-1/2 [470]	16X20	0.074	147	4
GAM42+E*	24-1/2 [622]	57 [1448]	20-1/2 [521]	22-1/4 [565]	14-3/4 [375]	11 [279]	16 [406]	22 [559]	18-1/2 [470]	20X20	0.080	153	4
GAM48+E*	24-1/2 [622]	57 [1448]	20-1/2 [521]	22-1/4 [565]	14-3/4 [375]	13 [330]	18 [457]	22 [559]	18-1/2 [470]	20X20	0.084	180	4
GAM43/49/60/62+E*	24-1/2 [622]	57 [1448]	20-1/2 [521]	22-1/4 [565]	14-3/4 [375]	13 [330]	18 [457]	22 [559]	18-1/2 [470]	20X20	0.084	180	4
GAM61+E*	24-1/2 [622]	57 [1448]	20-1/2 [521]	22-1/4 [565]	14-3/4 [375]	15 [381]	20 [508]	22 [559]	18-1/2 [470]	20X20	0.092	200	4

Fig 1



Copper stub out diameter: Suction: 3/4" 18-37, 7/8" 43-62, Liquid: 3/8"



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