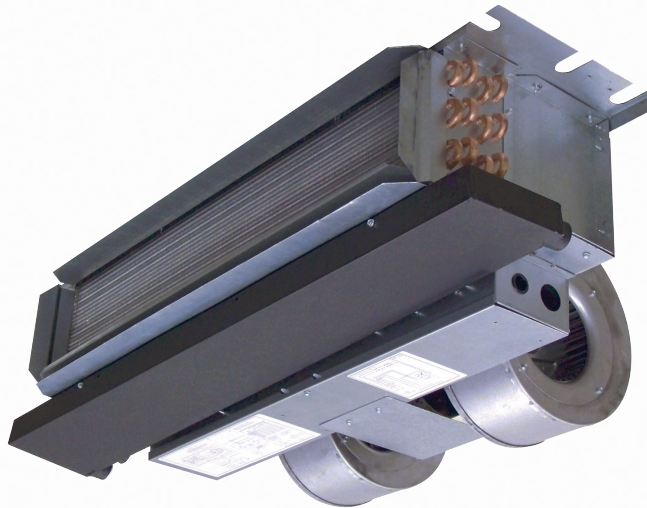


# GES SERIES

## HIGH EFFICIENCY ECM UNCASED CEILING MOUNT ELECTRIC HEAT DX COOL AIR HANDLER

### Product Dimensions & Specifications



#### WARRANTY

One year limited parts warranty

#### OPTIONS

See options menu

#### MANUFACTURED IN THE USA

#### STANDARD FEATURES

##### APPLICATION VERSATILITY

Built in mounting tabs for ceiling or furrdown mounting. Louvered ceiling access panel has separate frame that attaches to ceiling joists. Solid access panel available for use with end return installations. Compatible with most brands of air conditioners or heat pumps.

##### MOTOR

Constant torque ECM allows motor speed control with embedded software. Motors are pre-programmed at the factory.

##### ELECTRIC HEAT KITS

Heat kits available in 3, 5, 6, 8 & 10 KW. Models with electric heat include sequencers and temperature limit switches for safe, efficient operation. Heat elements are replaceable without removing blowers. Easily accessible controls for quick service. Disconnect does not protrude through the wall panel.

##### ELECTRONIC CIRCUIT BOARD

Electronic circuit board provides 30 secs ON/OFF blower time delay extracting more heat/cool from the coil.

##### DX COIL

High efficiency rifled copper tube/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 is also available. Primary & secondary condensate drain. All drain connections are 3/4" MPT. Powder-painted metal drain pan. Access door allows for coil cleaning. Certified for use with either R22 or R410A.

##### LOW LEAKAGE

Less than 2% air leakage from cabinet when installed in enclosure and tested in accordance with ASHRAE 193. Unit must be installed in accordance with AirMark installation instructions. Sturdy, fully insulated galvanized enclosure with ducted return available as option.

Representative image only.

Some models may vary in appearance.

Due to continuous product improvement, specifications are subject to change without notice.



Rev. Date: 02/09/18

© 2018 AirMark

# AIRMARK

## HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	HEAT KIT	PERFORMANCE DATA				ELECTRICAL DATA				
		NOMINAL COOLING (BTUS)	HEATING KW		HEATING KBTUH		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
			208V	240V	208V	240V	208V	240V	208V	240V
GES 18/19/20	HTS00	18,000	0.0	0.0	0.0	0.0	5.0	5.0	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	18.5	20.6	20.0	25.0
	HTS05		3.7	4.8	12.6	16.4	26.6	30.0	30.0	30.0
	HTS06		4.6	6.0	15.7	20.5	32.0	36.3	35.0	40.0
	HTS08		6.1	8.0	20.8	27.3	41.1	46.7	45.0	50.0
	HTS10		7.4	9.6	25.3	32.8	48.3	55.0	50.0	60.0
GES 24/25/26/27/28	HTS00	24,000	0.0	0.0	0.0	0.0	5.0	5.0	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	18.5	20.6	20.0	25.0
	HTS05		3.7	4.8	12.6	16.4	26.6	30.0	30.0	30.0
	HTS06		4.6	6.0	15.7	20.5	32.0	36.3	35.0	40.0
	HTS08		6.1	8.0	20.8	27.3	41.1	46.7	45.0	50.0
	HTS10		7.4	9.6	25.3	32.8	48.3	55.0	50.0	60.0
GES 30/31/32	HTS00	30,000	0.0	0.0	0.0	0.0	5.0	5.0	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	18.5	20.6	20.0	25.0
	HTS05		3.7	4.8	12.6	16.4	26.6	30.0	30.0	30.0
	HTS06		4.6	6.0	15.7	20.5	32.0	36.3	35.0	40.0
	HTS08		6.1	8.0	20.8	27.3	41.1	46.7	45.0	50.0
	HTS10		7.4	9.6	25.3	32.8	48.3	55.0	50.0	60.0
GES 36/37	HTS00	36,000	0.0	0.0	0.0	0.0	5.0	5.0	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	18.5	20.6	20.0	25.0
	HTS05		3.7	4.8	12.6	16.4	26.6	30.0	30.0	30.0
	HTS06		4.6	6.0	15.7	20.5	32.0	36.3	35.0	40.0
	HTS08		6.1	8.0	20.8	27.3	41.1	46.7	45.0	50.0
	HTS10		7.4	9.6	25.3	32.8	48.3	55.0	50.0	60.0

## AIR HANDLER CHASSIS NOMENCLATURE

G	E	S	18	G	-001
AirMark Air Handler	Voltage & Motor E = 240V Constant Torque ECM	Configuration S = Uncased Ceiling Mount	Nominal Tonnage (KBTUH)	Metering Device 4 = R410A non-bleed A/C or H/P TXV 6 = R410A 20% 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

H	T	S	10
H = Fits GAS, GAT, GES, GET	T = Terminal Block	S = Small Cabinet (18 - 37)	Heat Strip 00 = NO Heat 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW

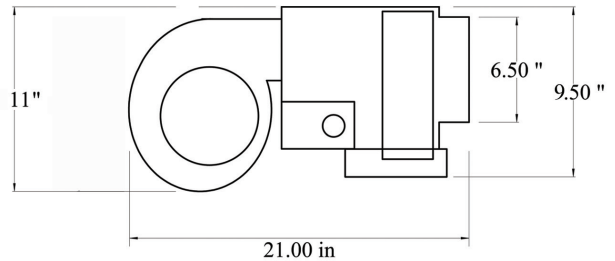
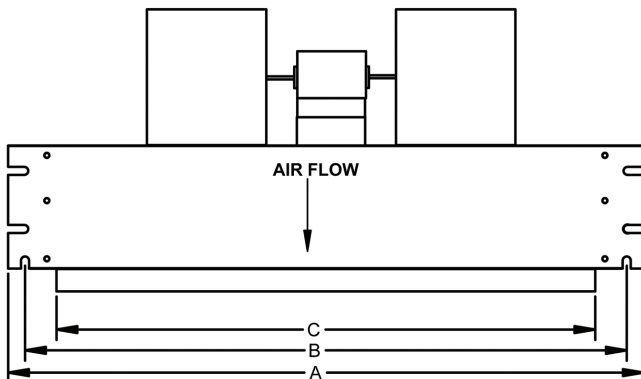
## BLOWER DATA

UNIT MODEL	SPEED TAP	MOTOR AMPS	MOTOR HP	CFM VS. STATIC PRESSURE							
				0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4
GES 18/19	HIGH	0.9	1/2	732	711	690	645	620	600	570	543
	MEDIUM	0.8		630	610	590	564	531	502	480	460
	LOW	0.7		590	560	530	500	485	460	440	420
GES 20/24	HIGH	0.9		732	711	690	645	620	600	570	543
	MEDIUM	0.8		630	610	590	564	531	502	480	460
	LOW	0.7		590	560	530	500	485	460	440	420
GES 25	HIGH	1.4		960	934	920	900	880	865	850	810
	MEDIUM	1.0		850	835	825	815	810	770	730	710
	LOW	0.9		785	775	750	732	710	690	670	645
GES 26/30	HIGH	1.4		950	930	910	900	880	865	850	810
	MEDIUM	1.0		850	835	825	815	810	770	730	710
	LOW	0.9		785	775	750	732	710	690	670	645
GES 28	HIGH	1.4		960	934	920	900	880	865	850	810
	MEDIUM	1.0		850	835	825	815	810	770	730	710
	LOW	0.9		785	775	750	732	710	690	670	645
GES 31/36	HIGH	2.0		1240	1200	1180	1160	1150	1080	1040	1030
	MEDIUM	1.9		1100	1085	1070	1040	1030	1010	1000	980
	LOW	1.6		950	940	930	920	900	865	850	845
GES 32	HIGH	1.9		1100	1085	1070	1040	1030	1010	1000	980
	MEDIUM	1.7		1070	1042	1030	1010	1000	980	970	920
	LOW	1.5		950	940	930	920	900	865	850	845
GES 37	HIGH	2.1		1240	1200	1180	1160	1150	1080	1040	1030
	MEDIUM	1.9		1100	1085	1070	1040	1030	1010	1000	980
	LOW	1.7		1070	1042	1030	1010	1000	980	970	920

Units should not be applied to a system with less than 350 CFM/Ton airflow.  
Add 0.05 static when enclosure and/or ceiling panel are used.

## CHASSIS DIMENSIONS

UNIT MODEL	A"	B"	C"	Weight (lbs)	Skid Qty.
GES 18/19/24	37 1/4	34-5/8	30	135	8
GES 20/25	43 1/4	40-5/8	36	145	5
GES 26/30/31/36	49 1/4	46 5/8	42	155	4
GES 28/32/37	56 1/4	53 5/8	48	175	5



# Access Door

## VERSATILITY

Equipped with hidden frame feature. Fastens to the outside wall surface and does not have to perfectly match the hole opening. Frame screws are not visible after installation. Available in either solid (S) or louvered (L) style.

## MATERIALS

Galvanized steel construction with smooth powder paint finish.

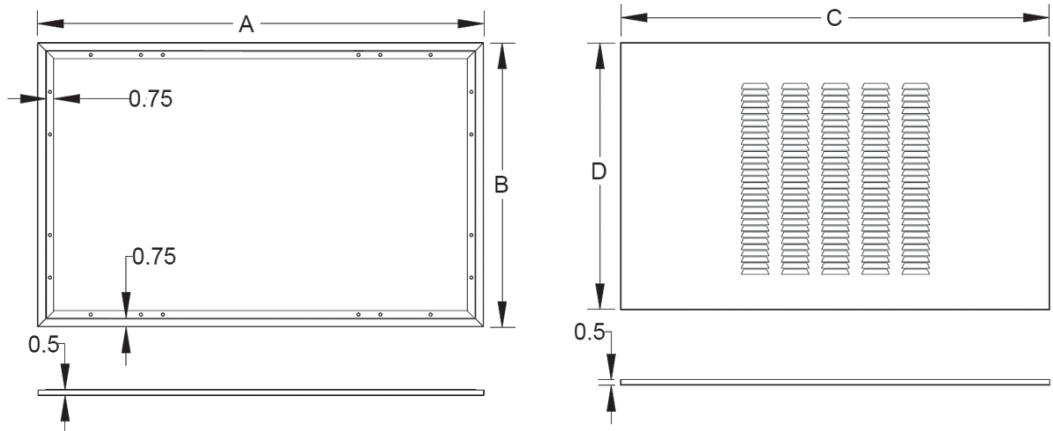
## FILTER

20" x 20" x 1" field supplied.

## WARRANTY

One-year limited parts warranty.

ACCESS DOOR DIMENSIONS					
FOR USE WITH	PANEL MODEL	GAS ACCESS DOOR AND FRAME			
		A"	B"	C"	D"
GES 18/19/24	GAD-1(S/L)	43-1/2	27-1/2	41-1/2	26
GES 20/25	GAD-5(S/L)	49-1/2	27-1/2	47-1/2	26
GES 26/30/31/36	GAD-2(S/L)	55-1/2	27-1/2	53-1/2	26
GES 28/32/37	GAD-6(S/L)	63-1/2	27-1/2	61-1/2	26



373 Atascocita Rd  
 Humble, TX 77396  
 Phone 800.423.9007  
 Fax 281.441.6510  
[www.airmark-ac.com](http://www.airmark-ac.com)