



AIRMARK

Fan Coils & Air Handlers Product Catalog





- 120V/240V motors
- PSC and ECM high efficiency constant torque motors
- Heavy-gauge, galvanized steel construction
- High efficiency rifled copper tubes/enhanced aluminum fins provide maximum heat transfer
- Compatible with most brands of air conditioners or heat pumps.
- Easy slide-out blower and coil assembly for installation and service
- 100% factory leak and performance tested
- ETL Certified

Ceiling Mount

- Cased and uncased options available
- Electric and hydronic heating
- Can be ordered with or without pump

Cooling Capacity (Tons):

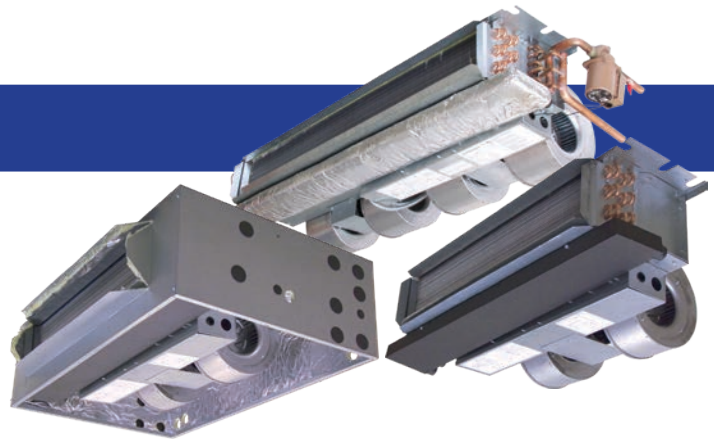
- 1.5, 2.0, 2.5, 3.0

Electric Heat (Kw):

- 0, 3, 5, 6, 8, 10

Hydronic Heat :

- Up to 51,000 BTUH HW heat



Multi-Position & Wall Mount

- Electric and hydronic heat
- DX Cool
- Modular electric and hydronic heat kits (can be ordered separately) with or without pump.

Multi-Position Cooling Capacity (Tons):

- 1.5 - 5.0

Wall Mount Cooling Capacity (Tons):

- 1.5, 2.0, 2.5, 3.0

Electric Heat (Kw):

- 0, 3, 5, 6, 8, 10

Hydronic Heat:

- Up to 116,300 BTUH HW heat



Ratings

- AirMark products are certified to meet the U.S. Department of Energy (DOE) requirements. Capacity and SEER values are calculated using the methodology in Section 430.23(M) of 10CFR Part 430. The calculation procedure utilizes test data collected in accordance with ANSI/AHRI 210/240-2008 and has been validated by an independent test in accordance with DOE standards.



To Place an Order

1. All orders **MUST** include the following information:

- ✓ Please address all AirMark orders to: APK Manufacturing LLC
- ✓ Unique quote reference number
- ✓ Account # & P.O.#
- ✓ "Requested" ship date – If none, order will be placed and shipped ASAP
- ✓ COMPLETE model #, including "Option Codes" – if standard, fill in the spaces with 000
- ✓ Contact name, phone and e-mail – **MUST** include all three.
- ✓ **ANY** notes regarding special pricing, terms, shipping etc. – with supporting documentation.

2. Send Order To:

Email orders: orderentry@airmark-ac.com

Fax orders: (281) 441-6510*

*Alternate Fax (281) 441-1863 is available if difficulties are encountered with primary Fax number.
If faxing an order, it is customer's responsibility to confirm order placement.
Email orders are encouraged and preferred.

Phone orders not accepted.

To Obtain a Quote Call Your Local Sales Representative

APK Manufacturing LLC
373 Atascocita Road
Humble, TX 77396
800.423.9007



NOMENCLATURE 4

MULTI-POSITION AIR HANDLERS 5

GAM SERIES (PSC, ELECTRIC).....	5
GBM SERIES (PSC, HYDRONIC).....	9
GEM SERIES (X13, ELECTRIC).....	13
GFM SERIES (X13, HYDRONIC).....	17

WALL MOUNT AIR HANDERS 21

GAW SERIES (PSC, ELECTRIC).....	21
GBW SERIES (PSC, HYDRONIC).....	25
GEW SERIES (X13, ELECTRIC).....	29
GFW SERIES (X13, HYDRONIC).....	34

CEILING MOUNT AIR HANDLERS 38

GAS SERIES (PSC, ELECTRIC, UNCASSED)	38
GAT SERIES (PSC, ELECTRIC, CASSED).....	42
GBS SERIES (PSC, HYDRONIC, UNCASSED).....	46
GBT SERIES (PSC, HYDRONIC, CASSED).....	49
GES SERIES (X13, ELECTRIC, UNCASSED)	52
GET SERIES (X13, ELECTRIC, CASSED).....	56
GFS SERIES (X13, HYDRONIC, UNCASSED).....	60
GFT SERIES (X13, HYDRONIC, CASSED)	63
IAQ INDOOR AIR QUALITY CEILING ACCESS PANELS	66

COILS 67

SG SERIES (CASSED/UNCASSED UPFLOW/DOWNFLOW, CASSED MULTI-POSITION)	67
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G Series Air Handler Nomenclature

G	A	M	18	4	-000
AirMark Air Handler					
Voltage					
A = 240V PSC Motor					
B = 120V PSC Motor					
E = 240V Constant Torque EC Motor					
F = 120V Constant Torque EC Motor					
Configuration					
M = Multi-Position					
T = Cased Ceiling Mount					
S = Uncased Ceiling Mount					
W = Wall Mount					
Nominal tonnage (MBTUH)					
Metering Device					
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 = R-410A Flo-rater					
B = 20% bleed A/C or H/P R22 TXV					
X = non-bleed A/C or H/P R22 TXV					
Option Code					

Electric Heat Kit Nomenclature

E	C	S	10
E = Fits GAM, GEM Series			
F = Fits GAW, GEW			
H = Fits GAS, GAT, GES*, GET*			
Power Connection			
3 = 3-phase Circuit Breaker			
P = Circuit Breaker W/Single Point Block			
4 = 3-phase Terminal Block			
T = Terminal Block			
C = Circuit Breaker			
L = Large Cabinet (42 - 61)			
S = Small Cabinet (18 - 36)			
Heat Strip			
00 = NO Heat			
08 = 8 KW			
20 = 20 KW			
03 = 3 KW			
10 = 10 KW			
24 = 24 KW (3-phase Circuit Only)			
05 = 5 KW			
12 = 12 KW (3-phase Circuit Only)			
25 = 25 KW			
06 = 6 KW			
15 = 15 KW			
30 = 30 KW			

Hydronic Heat Kit Nomenclature

W	C	2	S	P
W = Fits GBM, GFM Series				
U = Fits GBW, GFW				
Z = Fits GBS, GFT, GBS, GFT				
Power Connection				
3 = 3-phase Circuit Breaker				
C = Circuit Breaker				
T = Terminal Block				
Hydronic Coil Rows				
2				
3				
4				
Coil Dimensions				
X = Fits Extra Large or Extra Small Chassis				
L = Fits Large Chassis				
M = Fits Medium Chassis				
S = Fits Small Chassis				
Pump				
L = Less Pump and Check Valve				
P = with Standard Pump and Check Valve				
R = with 009 High Pressure Drop Pump				
8 = with 008 High Pressure Drop Pump				

Please refer to individual product specifications for additional details and a list of available options and accessories.

GAM SERIES

MULTI-POSITION ELECTRIC HEAT DX COOL AIR HANDLERS

GAM

MULTI-POSITION

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
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
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
GAM-60/61/62 +	E(C,T)L30	76.8	102.4	48.8/43.3/43.3	55.5/50/50	50/45/45	60/50/50
	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

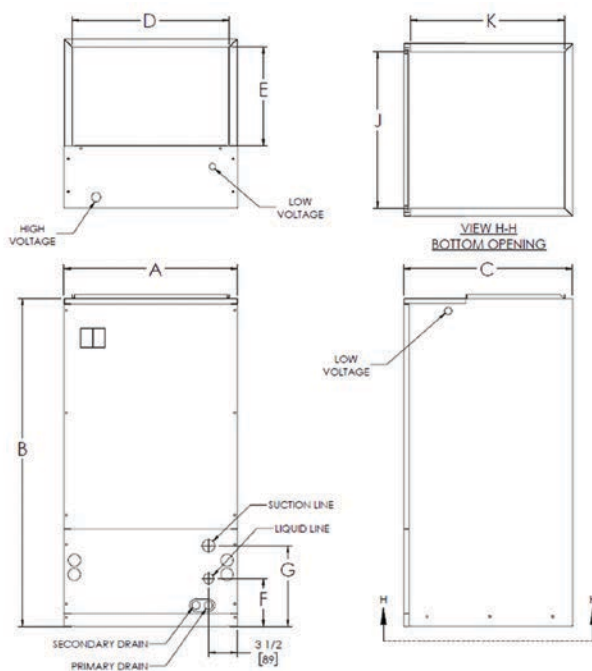
ELECTRIC HEAT KIT NOMENCLATURE

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"

WARNING
Cancer and
Reproductive Harm
www.P65Warnings.ca.gov

AIRMARK

373 Atascocita Rd
Humble, TX 77396
Phone 800.423.9007
Fax 281.441.6510
www.airmark-ac.com

GBM SERIES

MULTI-POSITION HYDRONIC AIR HANDLERS

GBM

MULTI-POSITION

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: 12/02/20
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STANDARD FEATURES

APPLICATION VERSATILITY

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

LOW LEAKAGE CABINET

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

ELECTRONIC CONTROL BOARD

An electronic board controls the functioning of the system reducing moving parts. The board provides for various hot water supply source connections and the blower time delay to maximize heat/cool extraction. As an enhanced feature the pump circulates hot water every 6 hours to prevent coil freeze during off cycle.

MODULAR HYDRONIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available in 2, 3 & 4 row. Modules are easily installed in the field using Molex plugs or can be ordered factory-installed. Freeze stat is wired into circulating pump control circuit. 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 for increased efficiency. Totally lead free constructed coil. Suitable for potable applications.

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 on 60/61 models holds minimal condensate while eliminating the possibility of corrosion. Drain pan is UV safe. All drain connections are 3/4" FPT. Access door allows for coil cleaning.



GBM

MULTI-POSITION

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

Model	PERFORMANCE DATA								ELECTRICAL DATA	
	Nominal Cooling	Hydronic Heat Kit Model	Rows	Coil P.D.	Heating Capacity BTU/HR Standard pump at 3.5 GPM Nominal Airflow				MINIMUM CIRCUIT AMPACITY (MCA)	MAX BREAKER OR FUSE SIZE
					3.5 GPM	Entering Water Temp				
				120		140	160	180		
GBM18/19	18,000	W*2SP	2	2.7	17770	24900	32250	39600	4.1	15
		W*3SP	3	2.1	21600	30500	39450	48400		
GBM24/25	24,000	W*2SP	2	2.7	20200	28500	36950	45400	4.1	15
		W*3SP	3	2.1	25000	35300	45800	56300		
GBM30/31	30,000	W*2SP	2	2.5	22100	31300	40645	49990	7.4	15
		W*3SP	3	1.9	27700	39100	50750	62400		
		W*4SP	4	1.1	31000	43900	57000	70100		
GBM36/37	36,000	W*2SP	2	2.5	23700	33500	43550	53600	7.4	15
		W*3SP	3	1.9	29800	42100	54700	67300		
		W*4SP	4	1.1	33500	47400	61600	75800		
GBM42/43	42,000	W*2LP	2	2.5	30200	42600	55300	68000	12.5	25
		W*3LP	3	1.9	36300	51400	65000	78600		
		W*4LP	4	1.1	43600	61600	77250	92900		
GBM48/49	48,000	W*2LP	2	2.1	31700	44800	58100	71400	12.5	25
		W*3LP	3	1.6	38200	54000	67300	80600		
		W*4LP	4	0.9	45900	64900	81450	98000		
GBM60/61	60,000	W*2LP	2	1.7	32900	46600	60500	74400	12.5	25
		W*3LP	3	1.3	39700	56200	70100	84000		
		W*4LP	4	0.8	47800	67600	84900	102200		
GBM23	24000	W*2SP	2	2.7	20200	28500	36950	45400	4.1	15
		W*3SP	3	2.1	25000	35300	45800	56300		
GBM35	36000	W*2MP	2	2.5	27040	38215	49610	61005	7.4	15
		W*3MP	3	1.9	33185	46900	59540	72180		
		W*4MP	4	1.1	38750	54805	69815	84820		
GBM47	48000	W*3XP	3	1.3	38195	54020	65095	76170	12.5	25
		W*4XP	4	0.8	48200	68125	83380	98640		
Model	PERFORMANCE DATA								ELECTRICAL DATA	
	Nominal Cooling	Hydronic Heat Kit Model	Rows	Coil P.D.	Heating Capacity BTU/HR High Pressure Drop pump at 5 GPM Nominal Airflow				MINIMUM CIRCUIT AMPACITY (MCA)	MAX BREAKER OR FUSE SIZE
					5 GPM	Entering Water Temp				
				120		140	160	180		
GBM18/19	18,000	W*2S8	2	3.9	18700	26400	34150	41900	4.1	15
		W*3S8	3	2.9	22900	32300	41750	51200		
GBM24/25	24,000	W*2S8	2	3.9	22600	31600	40550	49500	4.1	15
		W*3S8	3	2.9	26900	38000	49150	60300		
GBM30/31	30,000	W*2S8	2	3.5	23900	33800	43800	53800	7.4	15
		W*3S8	3	2.6	30100	42500	55100	67700		
		W*4S8	4	1.5	34000	48000	62300	76600		
GBM36/37	36,000	W*2S8	2	3.5	25800	36500	47350	58200	7.4	15
		W*3S8	3	2.6	32800	46300	60000	73700		
		W*4S8	4	1.5	37200	52600	68200	83800		
GBM42/43	42,000	W*2L8	2	3.5	33200	46800	60650	74500	12.5	25
		W*3L8	3	2.6	40500	57300	70850	84400		
		W*4L8	4	1.5	49000	69300	86450	103600		
GBM48/49	48,000	W*2L8	2	3	34900	49300	63900	78500	12.5	25
		W*3L8	3	2.2	42750	60450	74825	89200		
		W*4L8	4	1.3	52000	73500	91725	109950		
GBM60/61	60,000	W*2L8	2	2.5	36600	51800	67150	82500	12.5	25
		W*3L8	3	1.9	45000	63600	78800	94000		
		W*4L8	4	1.1	55000	77700	97000	116300		
GBM23	24000	W*2S8	2	3.9	22600	31600	40550	49500	4.1	15
		W*3S8	3	2.9	26900	38000	49150	60300		
GBM35	36000	W*2M8	2	3.5	29625	41875	54295	66715	7.4	15
		W*3M8	3	2.6	36870	52095	65800	79505		
		W*4M8	4	1.5	43535	61545	78050	94560		
GBM47	48000	W*3X8	3	1.9	43295	61300	73190	85075	12.5	25
		W*4X8	4	1.1	58360	78230	95070	111900		

HYDRONIC HEAT KIT NOMENCLATURE

W	C	2	S	P
Water Heat (Hydronic)	<u>Interruption</u> C = Circuit Breaker T = Terminal Block	<u>Row</u> 2 3 4	S = GBM18,19,23,24,25,30,31,36,37 M = GBM35 L = GBM42,43,48,49,60,61 X = GBM47	L = Less Pump and Check Valve P = with Standard Pump and Check Valve R = with 009 High Pressure Drop Pump 8 = with 008 High Pressure Drop Pump

BLOWER DATA

MODEL	MOTOR SPEED	MOTOR HP	MOTOR AMPS	MOTOR VOLTAGE	CFM V. EXTERNAL STATIC*				
					0.10	0.20	0.30	0.40	0.50
GBM18/19/24/25	LOW	1/5	2.8	120	780	740	700	645	585
	HIGH				850	800	745	685	620
GBM23	LOW				825	780	735	675	630
	HIGH				865	815	780	705	640
GBM 30/31/36/37	LOW	1/3	5.4		1000	980	920	870	800
	HIGH				1210	1190	1160	1130	1070
GBM35	LOW				1115	1075	1035	980	920
	HIGH				1235	1180	1135	1070	1000
GBM 42/43/48/49/60/61	LOW	3/4	9.5		1360	1340	1310	1280	1230
	MED				1530	1470	1420	1360	1310
	HIGH				1730	1670	1600	1540	1480
GBM47	LOW				1350	1315	1300	1245	1205
	MED				1500	1450	1400	1350	1315
	HIGH				1670	1615	1560	1515	1450

* Dry coil with filter in place

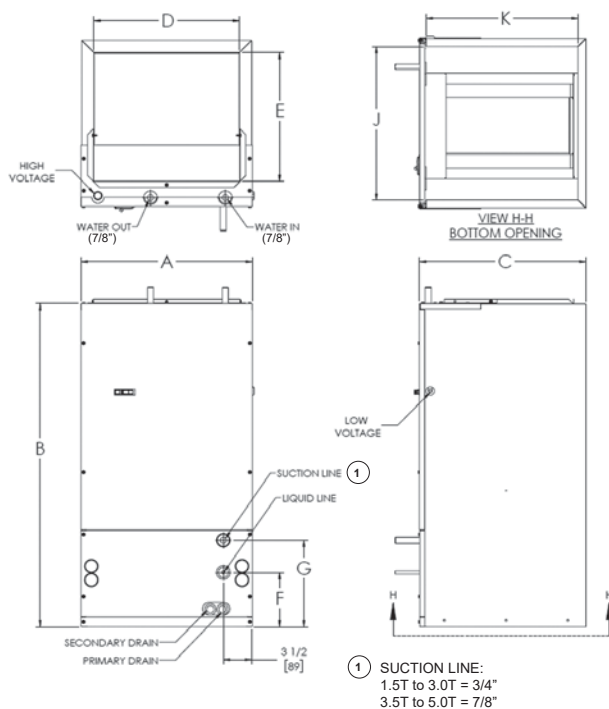
AIR HANDLER CHASSIS NOMENCLATURE

GBM	18	F	-001
GBM = 120V PSC Motor Multi-Position Hydronic 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

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
GBM18+W*	21 [533]	49-1/4 [1251]	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
GBM19/24/25+W*	21 [533]	49-1/4 [1251]	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
GBM30+W*	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
GBM36+W*	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
GBM31/37+W*	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
GBM42+W*	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
GBM48+W*	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
GBM43/49/60+W*	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
GBM61+W*	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
GBM23+W*	21 [533]	40 [1016]	20-1/2 [521]	18 [457]	16 [406]	6-3/4 [171]	10-3/4 [273]	18-1/2 [470]	18-1/2 [470]	16X20	0.059	100	4
GBM35+W*	21 [533]	42 [1067]	23 [584]	18 [457]	19 [483]	8-3/4 [222]	12-3/4 [324]	18 [457]	20 [513]	20X20	0.068	170	4
GBM47+W*	21 [533]	48 [1219]	28 [711]	18 [457]	24 [610]	11-3/4 [298]	15-3/4 [400]	18 [457]	25 [660]	20X25	0.084	200	4

Figure 1



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GEM

MULTI-POSITION

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). For use with either R22 or R410A when proper metering device is used.

MOTOR

Constant torque ECM speeds and torques are controlled by software embedded in the motor to maintain constant torque. Motors are pre-programmed at the factory.

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.

MODULAR ELECTRIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available from 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. Fan time delay relay standard for increased efficiency.

BLOWER

Direct drive blowers circulate air quietly and efficiently. Motor speeds and torques programmed in the motor. Blowers mounted on rails so they can be easily removed for service.

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.

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, UV safe, GLP drain pan holds minimal condensate while eliminating the possibility of corrosion. All drain connections are 3/4" FPT. Access door allows for coil cleaning.

AIRMARK

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)		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
		208V	240V	208V	240V	208V	240V	208V	240V	208V	240V
GEM 18/19	E(C,T)S00	0.0	0.0	0.0	0.0	0.0	0.0	3.5	3.5	15	15
	E(C,T)S03	2.3	3.0	11.1	12.5	7.8	10.2	17.0	19.1	20	20
	E(C,T)S05	3.8	5.0	18.3	20.8	13.0	17.1	25.1	28.5	25	30
	E(C,T)S08	6.1	8.0	29.3	33.3	20.8	27.3	39.6	45.2	40	45
	E(C,T)S10	7.6	10.0	36.5	41.7	25.9	34.1	46.8	53.5	50	60
GEM 24/25	E(C,T)S00	0.0	0.0	0.0	0.0	0.0	0.0	3.5	3.5	15	15
	E(C,T)S03	2.3	3.0	11.1	12.5	7.8	10.2	17.0	19.1	20	20
	E(C,T)S05	3.8	5.0	18.3	20.8	13.0	17.1	25.1	28.5	25	30
	E(C,T)S08	6.1	8.0	29.3	33.3	20.8	27.3	39.6	45.2	40	45
	E(C,T)S10	7.6	10.0	36.5	41.7	25.9	34.1	46.8	53.5	50	60
GEM 30/31	E(C,T)S00	0.0	0.0	0.0	0.0	0.0	0.0	5.1	5.1	15	15
	E(C,T)S03	2.3	3.0	11.1	12.5	7.8	10.2	18.6	20.8	20	25
	E(C,T)S05	3.8	5.0	18.3	20.8	13.0	17.1	26.8	30.1	30	30
	E(C,T)S08	6.1	8.0	29.3	33.3	20.8	27.3	41.3	46.8	45	50
	E(C,T)S10	7.6	10.0	36.5	41.7	25.9	34.1	48.4	55.1	50	60
	E(C,T)S15	11.3	15.0	54.3	62.5	38.6	51.2	48.4/21.6	55.1/25	50/25	60/25
GEM 36/37	E(C,T)S00	0.0	0.0	0.0	0.0	0.0	0.0	5.1	5.1	15	15
	E(C,T)S03	2.3	3.0	11.1	12.5	7.8	10.2	18.6	20.8	20	25
	E(C,T)S05	3.8	5.0	18.3	20.8	13.0	17.1	26.8	30.1	30	30
	E(C,T)S08	6.1	8.0	29.3	33.3	20.8	27.3	41.3	46.8	45	50
	E(C,T)S10	7.6	10.0	36.5	41.7	25.9	34.1	48.4	55.1	50	60
	E(C,T)S15	11.3	15.0	54.3	62.5	38.6	51.2	48.4/21.6	55.1/25	50/25	60/25
GEM 42/43	F(C,T)L00	0.0	0.0	0.0	0.0	0.0	0.0	9.5	9.5	20	20
	E(C,T)L05	3.8	5.0	18.3	20.8	13.0	17.1	31.1	34.5	35	40
	E(C,T)L10	7.6	10.0	36.5	41.7	25.9	34.1	52.8	59.5	60	60
	E(C,T)L15	11.3	15.0	54.3	62.5	38.6	51.2	52.8/21.6	59.5/25	60/25	60/25
	E(C,T)L20	15.0	20.0	72.1	83.3	51.2	68.3	52.8/43.3	59.5/50	60/45	60/50
	E(C,T)L25	18.8	25.0	90.4	104.2	64.2	85.3	52.8/ 43.3/21.6	59.5/50/25	60/45/25	60/50/25
	E(C,T)L30	22.5	30.0	108.2	125.0	76.8	102.4	52.8/ 43.3/43.3	59.5/50/50	60/45/45	60/50/50
GEM 48/49	F(C,T)L00	0.0	0.0	0.0	0.0	0.0	0.0	9.5	9.5	20	20
	E(C,T)L05	3.8	5.0	18.3	20.8	13.0	17.1	31.1	34.5	35	40
	E(C,T)L10	7.6	10.0	36.5	41.7	25.9	34.1	52.8	59.5	60	60
	E(C,T)L15	11.3	15.0	54.3	62.5	38.6	51.2	52.8/21.6	59.5/25	60/25	60/25
	E(C,T)L20	15.0	20.0	72.1	83.3	51.2	68.3	52.8/43.3	59.5/50	60/45	60/50
	E(C,T)L25	18.8	25.0	90.4	104.2	64.2	85.3	52.8/ 43.3/21.6	59.5/50/25	60/45/25	60/50/25
	E(C,T)L30	22.5	30.0	108.2	125.0	76.8	102.4	52.8/ 43.3/43.3	59.5/50/50	60/45/45	60/50/50
GEM 60/61/62	F(C,T)L00	0.0	0.0	0.0	0.0	0.0	0.0	9.5	9.5	20	20
	E(C,T)L05	3.8	5.0	18.3	20.8	13.0	17.1	31.1	34.5	35	40
	E(C,T)L10	7.6	10.0	36.5	41.7	25.9	34.1	52.8	59.5	60	60
	E(C,T)L15	11.3	15.0	54.3	62.5	38.6	51.2	52.8/21.6	59.5/25	60/25	60/25
	E(C,T)L20	15.0	20.0	72.1	83.3	51.2	68.3	52.8/43.3	59.5/50	60/45	60/50
	E(C,T)L25	18.8	25.0	90.4	104.2	64.2	85.3	52.8/ 43.3/21.6	59.5/50/25	60/45/25	60/50/25
	E(C,T)L30	22.5	30.0	108.2	125.0	76.8	102.4	52.8/ 43.3/43.3	59.5/50/50	60/45/45	60/50/50

BLOWER DATA											
MODEL	SPEED TAP	MOTOR AMPS	MOTOR BHP	MOTOR HP	CFM V. EXTERNAL STATIC*						
					0.10	0.20	0.30	0.40	0.50	0.60	0.70
GEM 18/19/24/25	T5	1.7	0.23	1/3	932	894	862	827	800	762	
	T4	0.9	0.12		750	706	674	627	600	561	
	T3	0.7	0.10		600	565	539	502	480	449	
	T2	17.0	2.32		932	894	862	827	800	762	
	T1	0.9	0.12		750	706	674	627	600	561	
GEM 30/31/36/37	T5	2.2	0.30	1/2	1291	1280	1252	1227	1200	1171	
	T4	1.4	0.19		1122	1091	1066	1034	1000	982	
	T3	1.2	0.16		898	873	853	827	800	786	
	T2	1.0	0.14		745	698	668	630	600	558	
	T1	2.2	0.30		1291	1280	1252	1227	1200	1171	
GEM 42/43/48/49/60/61/62	T5	6.3	0.86	1	2018	1987	1961	1922	1889	1856	1823
	T4	4.0	0.55		1738	1696	1667	1636	1598	1566	1527
	T3	2.9	0.40		1546	1521	1482	1439	1396	1360	1321
	T2	2.3	0.31		1367	1342	1303	1260	1217	1181	1142
	T1	6.3	0.86		2018	1987	1961	1922	1889	1856	1823

*Wet coil

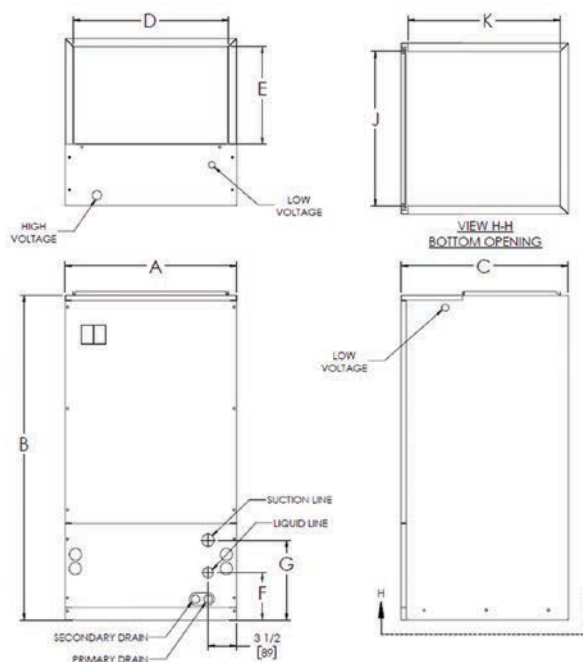
AIR HANDLER CHASSIS NOMENCLATURE			
GEM	18	F	-001
GEM = 240V Constant Torque ECM Multi-Position Air Handler	Nominal tonnage (MBTUH)	<u>Metering device</u> 4 = R410A non-bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P TXV F = R22 Flo-rater G = R410A Flo-rater X = R22 non-bleed A/C or H/P TXV	Option 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	<u>Heat Strip</u> 00 = NO Heat 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
GEM18+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
GEM19/24/25+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
GEM30+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
GEM36+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
GEM31/37+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
GEM42+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
GEM48+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
GEM43/49/60/62+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
GEM61+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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Product Dimensions & Specifications



WARRANTY

One year limited parts warranty

OPTIONS

See options menu

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Some models may vary in appearance.

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



Rev. Date: 12/02/20

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STANDARD FEATURES

APPLICATION VERSATILITY

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

MOTOR

Constant torque ECM speeds and torques are controlled by software embedded in the motor to maintain constant torque. Motors are pre-programmed at the factory.

LOW LEAKAGE CABINET

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

MODULAR HYDRONIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available in 2, 3 & 4 row. Heat kits are easily installed in the field using Molex plugs or can be ordered factory-installed. Freeze stat is standard, wired into circulating pump control circuit. 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 for increased efficiency. Heat kits are available with or without circulating pump and check valve. Units are provided with auxiliary relay for remote pump. Schrader ports are standard on water-out manifold, hose bib available as an option.

BLOWER

Direct drive multi-speed blowers circulate air quietly and efficiently and allow for precise air volume selection. Motor speeds and torques programmed in the motor. Blowers mounted on rails so they can be easily removed for service.

ELECTRONIC CONTROL BOARD

An electronic board controls the functioning of the system reducing moving parts. The board provides for various hot water supply source connections and the blower time delay to maximize heat/cool extraction. As an enhanced feature the pump circulates hot water every 6 hours to prevent coil freeze during off cycle.

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, UV safe, GLP drain pan holds minimal condensate while eliminating the possibility of corrosion. Galvanized metal drain pan with bottom primary and secondary drain connections or alternate right side primary. All connections 3/4" FPT. Access door allows for coil cleaning.

AIRMARK

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

Model	PERFORMANCE DATA								ELECTRICAL DATA	
	Nominal Cooling	Hydronic Heat Kit Model	Rows	Coil P.D.	Heating Capacity BTU/HR Standard pump at 3.5 GPM Nominal Airflow				MINIMUM CIRCUIT AMPACITY (MCA)	MAX BREAKER OR FUSE SIZE
					3.5 GPM	Entering Water Temp				
				120		140	160	180		
GFM18/19	18,000	W*2SP	2	2.7	17770	24900	32250	39600	6.6	15
		W*3SP	3	2.1	21600	30500	39450	48400		
GFM24/25	24,000	W*2SP	2	2.7	20200	28500	36950	45400	6.6	15
		W*3SP	3	2.1	25000	35300	45800	56300		
GFM30/31	30,000	W*2SP	2	2.5	22100	31300	40645	49990	9.1	20
		W*3SP	3	1.9	27700	39100	50750	62400		
		W*4SP	4	1.1	31000	43900	57000	70100		
GFM36/37	36,000	W*2SP	2	2.5	23700	33500	43550	53600	9.1	20
		W*3SP	3	1.9	29800	42100	54700	67300		
		W*4SP	4	1.1	33500	47400	61600	75800		
GFM42/43	42,000	W*2LP	2	2.5	30200	42600	55300	68000	14.3	25
		W*3LP	3	1.9	36300	51400	65000	78600		
		W*4LP	4	1.1	43600	61600	77250	92900		
GFM48/49	48,000	W*2LP	2	2.1	31700	44800	58100	71400	14.3	25
		W*3LP	3	1.6	38200	54000	67300	80600		
		W*4LP	4	0.9	45900	64900	81450	98000		
GFM60/61	60,000	W*2LP	2	1.7	32900	46600	60500	74400	14.3	25
		W*3LP	3	1.3	39700	56200	70100	84000		
		W*4LP	4	0.8	47800	67600	84900	102200		
GFM23	24000	W*2SP	2	2.7	20200	28500	36950	45400	6.6	15
		W*3SP	3	2.1	25000	35300	45800	56300		
GFM35	36000	W*2MP	2	2.5	27040	38215	49610	61005	9.1	15
		W*3MP	3	1.9	33185	46900	59540	72180		
		W*4MP	4	1.1	38750	54805	69815	84820		
GFM47	48000	W*3XP	3	1.3	38195	54020	65095	76170	14.3	25
		W*4XP	4	0.8	48200	68125	83380	98640		
Model	PERFORMANCE DATA								ELECTRICAL DATA	
	Nominal Cooling	Hydronic Heat Kit Model	Rows	Coil P.D.	Heating Capacity BTU/HR High Pressure Drop pump at 5 GPM Nominal Airflow				MINIMUM CIRCUIT AMPACITY (MCA)	MAX BREAKER OR FUSE SIZE
					5 GPM	Entering Water Temp				
				120		140	160	180		
GFM18/19	18,000	W*2S8	2	3.9	18700	26400	34150	41900	6.6	15
		W*3S8	3	2.9	22900	32300	41750	51200		
GFM24/25	24,000	W*2S8	2	3.9	22600	31600	40550	49500	6.6	15
		W*3S8	3	2.9	26900	38000	49150	60300		
GFM30/31	30,000	W*2S8	2	3.5	23900	33800	43800	53800	9.1	20
		W*3S8	3	2.6	30100	42500	55100	67700		
		W*4S8	4	1.5	34000	48000	62300	76600		
GFM36/37	36,000	W*2S8	2	3.5	25800	36500	47350	58200	9.1	20
		W*3S8	3	2.6	32800	46300	60000	73700		
		W*4S8	4	1.5	37200	52600	68200	83800		
GFM42/43	42,000	W*2L8	2	3.5	33200	46800	60650	74500	14.3	25
		W*3L8	3	2.6	40500	57300	70850	84400		
		W*4L8	4	1.5	49000	69300	86450	103600		
GFM48/49	48,000	W*2L8	2	3	34900	49300	63900	78500	14.3	25
		W*3L8	3	2.2	42750	60450	74825	89200		
		W*4L8	4	1.3	52000	73500	91725	109950		
GFM60/61	60,000	W*2L8	2	2.5	36600	51800	67150	82500	14.3	25
		W*3L8	3	1.9	45000	63600	78800	94000		
		W*4L8	4	1.1	55000	77700	97000	116300		
GFM23	24000	W*2S8	2	3.9	22600	31600	40550	49500	4.1	15
		W*3S8	3	2.9	26900	38000	49150	60300		
GFM35	36000	W*2M8	2	3.5	29625	41875	54295	66715	7.4	15
		W*3M8	3	2.6	36870	52095	65800	79505		
		W*4M8	4	1.5	43535	61545	78050	94560		
GFM47	48000	W*3X8	3	1.9	43295	61300	73190	85075	14.3	25
		W*4X8	4	1.1	55360	78230	95070	111900		

BLOWER DATA										
MODEL	SPEED TAP	MOTOR AMPS	MOTOR BHP	MOTOR HP	MOTOR VOLTAGE	CFM V. EXTERNAL STATIC*				
						0.10	0.20	0.30	0.40	0.50
GFM 18/19/24/25	TAP 5	3.3	0.45	1/3	120	900	853	797	738	673
	TAP 4	1.7	0.23			670	646	613	592	553
	TAP 3	1.4	0.19			500	476	452	421	400
	TAP 2	1.3	0.18			400	381	360	339	312
	TAP 1	1	0.14			900	853	797	738	673
GFM23	TAP 5	3	0.41	1/5		895	860	815	770	705
	TAP 4	2.7	0.37			825	795	770	750	700
	TAP 3	2.2	0.3			770	735	705	685	665
	TAP 2	1.9	0.26			705	675	655	615	595
	TAP 1	1.6	0.22			655	615	605	580	540
GFM 30/31/36/37	TAP 5	4.4	0.6	1/2		1150	1087	1030	975	910
	TAP 4	3.5	0.48			1080	1048	1010	960	895
	TAP 3	2.7	0.37			900	862	825	796	745
	TAP 2	2	0.27			700	663	632	600	552
	TAP 1	1.5	0.2			500	473	449	421	395
GFM35	TAP 5	4.8	0.66	1/2		1245	1190	1130	1085	1020
	TAP 4	3.6	0.49			1170	1130	1085	1045	1000
	TAP 3	2.6	0.36			935	910	865	840	805
	TAP 2	2.2	0.3			815	785	745	715	685
	TAP 1	1.8	0.25			685	655	605	580	520
GFM 42/43/48/60/61	TAP 5	8	1.09	1		1850	1806	1752	1700	1652
	TAP 4	6.7	0.92			1704	1656	1600	1532	1479
	TAP 3	4.7	0.64			1494	1461	1426	1400	1364
	TAP 2	4	0.55			1350	1310	1272	1229	1175
	TAP 1	3.5	0.48			676	652	621	600	559
GFM47	TAP 5	8.4	1.15	1		1950	1880	1845	1805	1780
	TAP 4	8	1.09			1765	1740	1725	1685	1660
	TAP 3	5.7	0.78			1500	1480	1450	1415	1385
	TAP 2	4	0.55			1245	1205	1185	1150	1105
	TAP 1	3	0.41			1010	900	825	765	705

* Dry coil

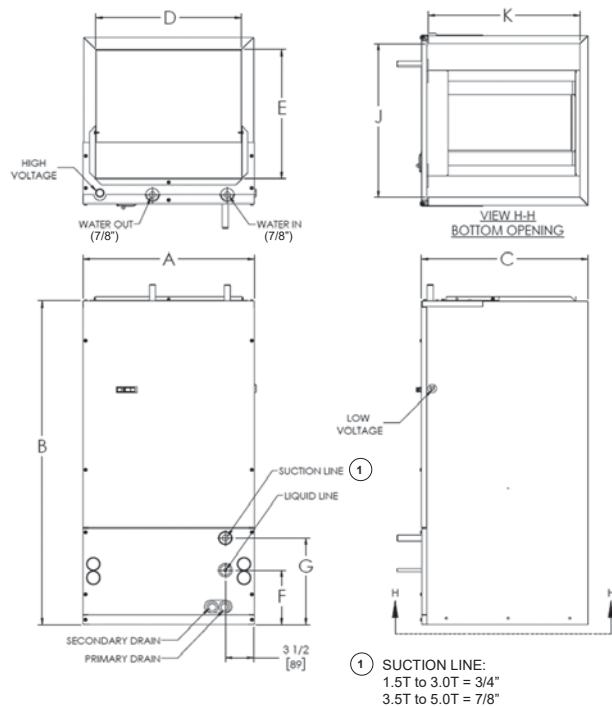
AIR HANDLER CHASSIS NOMENCLATURE			
GFM	18	G	-001
GFM = 120V Constant Torque ECM Multi-Position Air Handler	Nominal tonnage (MBTUH)	<u>Metering device</u> 4 = R410A non-bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P TXV F = R22 Flo-rater G = R410A Flo-rater X = R22 non-bleed A/C or H/P TXV	Option Code

HYDRONIC HEAT KIT NOMENCLATURE				
W	C	2	S	P
Water heat (hydronic)	<u>Interruption</u> C = Circuit Breaker T = Terminal Block	<u>Row</u> 2 3 4	S = GFM18,19,23,24,25,30,31,36,37 M = GFM35 L = GFM42,43,48,49,60,61 X = GFM47	L = Less Pump and Check Valve P = with Standard Pump and Check Valve R = with 009 High Pressure Drop Pump 8 = with 008 High Pressure Drop Pump

DIMENSIONS AND SPECIFICATIONS (In. [mm])

MODEL	A	B	C	D	E	F	G	J	K	FILTER SIZE	PISTON SIZE	SHIP WEIGHT (LBS)	SKID QTY
GFM18+W*	21 [533]	49-1/4 [1251]	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
GFM19/24/25+W*	21 [533]	49-1/4 [1251]	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
GFM30+W*	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
GFM36+W*	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
GFM31/37+W*	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
GFM42+W*	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
GFM48+W*	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
GFM43/49/60+W*	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
GFM61+W*	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
GFM23+W*	21 [533]	40 [1016]	20-1/2 [521]	18 [457]	16 [406]	6-3/4 [171]	10-3/4 [273]	18-1/2 [470]	18-1/2 [470]	16X20	0.059	100	4
GFM35+W*	21 [533]	42 [1067]	23 [584]	18 [457]	19 [483]	8-3/4 [222]	12-3/4 [324]	18 [457]	20 [533]	20X20	0.068	170	4
GFM47+W*	21 [533]	48 [1219]	28 [711]	18 [457]	24 [610]	11-3/4 [298]	15-3/4 [400]	18 [457]	25 [660]	20X25	0.084	200	4

Figure 1



WARNING
Cancer and
Reproductive Harm
www.P65Warnings.ca.gov

AIRMARK

373 Atascocita Rd
Humble, TX 77396
Phone 800.423.9007
Fax 281.441.6510
www.airmark-ac.com

GAW SERIES

WARRANTY

One year limited parts warranty

OPTIONS

See options menu

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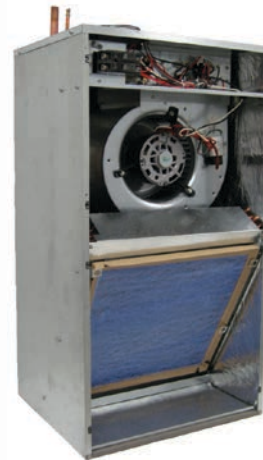
Representative image only.
Some models may vary in appearance.
Due to continuous product improvement,
specifications are subject to change
without notice.



Rev. Date: 03/08/19
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VERTICAL WALL MOUNT ELECTRIC HEAT DX COIL AIR HANDLERS

Product Dimensions & Specifications



STANDARD FEATURES

APPLICATION VERSATILITY

Front or bottom return air position. Offset hanging brackets attach to unit and wall to allow hanging inside closet. For use with either R22 or R410A when proper metering device is used.

LOW LEAKAGE CABINET

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

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.

MODULAR ELECTRIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available in 0, 3, 5, 8, & 10 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 for increased efficiency.

BLOWER

Direct drive multi-speed blowers circulate air quietly and efficiently. Motor speeds can be easily selected via motor terminals. Swing mounted blowers 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 check style flowrater or TXV metering device factory installed. Field-installable TXVs are also available. Galvanized metal drain pan with bottom primary and secondary drain connections or alternate right side primary. All connections 3/4" FPT. Access door allows for coil cleaning.

AIRMARK

GAW

WALL MOUNT

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	HEAT KIT	PERFORMANCE DATA					ELECTRICAL DATA			
		NOMINAL COOLING (BTUS)	HEATING (KW)		HEATING CAPACITY (MBTUH)		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
			208V	240V	208V	240V	208V	240V	208V	240V
GAW18	F[C,T]S00	18,000	0.0	0.0	0.0	0.0	1.8	1.8	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	15.3	17.4	20.0	20.0
	F[C,T]S05		3.7	4.8	12.6	16.4	23.4	26.8	25.0	30.0
	F(C,T)S06		4.6	6.0	13.5	17.9	28.8	33.0	30.0	35.0
	F[C,T]S08		6.0	8.0	20.5	27.3	37.8	43.4	40.0	45.0
	F[C,T]S10		7.2	9.6	24.5	32.8	45.0	51.8	45.0	60.0
GAW19/20	F[C,T]S00	18,000	0.0	0.0	0.0	0.0	1.7	1.7	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	15.2	17.3	20.0	20.0
	F[C,T]S05		3.7	4.8	12.6	16.4	23.3	26.7	25.0	30.0
	F(C,T)S06		4.6	6.0	13.5	17.9	28.8	33.0	30.0	35.0
	F[C,T]S08		6.0	8.0	20.5	27.3	37.7	43.4	40.0	45.0
	F[C,T]S10		7.2	9.6	24.5	32.8	45.0	51.7	45.0	60.0
GAW23/24	F[C,T]S00	24,000	0.0	0.0	0.0	0.0	1.8	1.8	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	15.3	17.4	20.0	20.0
	F[C,T]S05		3.7	4.8	12.6	16.4	23.4	26.8	25.0	30.0
	F(C,T)S06		4.6	6.0	13.5	17.9	28.8	33.0	30.0	35.0
	F[C,T]S08		6.0	8.0	20.5	27.3	37.8	43.4	40.0	45.0
	F[C,T]S10		7.2	9.6	24.5	32.8	45.0	51.8	45.0	60.0
GAW25/26	F[C,T]S00	24,000	0.0	0.0	0.0	0.0	1.7	1.7	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	15.2	17.3	20.0	20.0
	F[C,T]S05		3.7	4.8	12.6	16.4	23.3	26.7	25.0	30.0
	F(C,T)S06		4.6	6.0	13.5	17.9	28.8	33.0	30.0	35.0
	F[C,T]S08		6.0	8.0	20.5	27.3	37.7	43.4	40.0	45.0
	F[C,T]S10		7.2	9.6	24.5	32.8	45.0	51.7	45.0	60.0
GAW30/31	F[C,T]S00	30,000	0.0	0.0	0.0	0.0	3.3	3.3	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	16.8	18.9	20.0	20.0
	F[C,T]S05		3.7	4.8	12.6	16.4	24.9	28.3	25.0	30.0
	F(C,T)S06		4.6	6.0	13.5	17.9	30.3	34.5	35.0	40.0
	F[C,T]S08		6.0	8.0	20.5	27.3	39.3	44.9	40.0	45.0
	F[C,T]S10		7.2	9.6	24.5	32.8	46.5	53.3	50.0	60.0
GAW36/37	F[C,T]S00	36,000	0.0	0.0	0.0	0.0	3.3	3.3	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	16.8	18.9	20.0	20.0
	F[C,T]S05		3.7	4.8	12.6	16.4	24.9	28.3	25.0	30.0
	F(C,T)S06		4.6	6.0	13.5	17.9	30.3	34.5	35.0	40.0
	F[C,T]S08		6.0	8.0	20.5	27.3	39.3	44.9	40.0	45.0
	F[C,T]S10		7.2	9.6	24.5	32.8	46.5	53.3	50.0	60.0

BLOWER DATA

MODEL	MOTOR SPEED	MOTOR HP	MOTOR AMPS	MOTOR VOLTAGE	CFM V. EXTERNAL STATIC* †				
					0.10	0.20	0.30	0.40	0.50
GAW18/23/24	LOW	1/5	1.40	240	834	795	746	687	620
	HIGH				930	888	823	749	680
GAW19/25	LOW	1/5	1.35	240	740	710	685	650	615
	HIGH				930	880	830	770	710
GAW 20/26	LOW	1/5	1.35	240	727	696	674	640	604
	HIGH				909	866	814	757	696
GAW 30/36	LOW	1/3	2.6	240	1123	1094	1062	1034	1000
	HIGH				1396	1358	1313	1261	1200
GAW 31/37	LOW	1/3	2.6	240	1154	1100	1042	982	901
	HIGH				1256	1193	1113	1057	982

* Wet coil with filter; † - For 208 V multiply by 0.90

AIR HANDLER CHASSIS NOMENCLATURE

GAW	18	F	-001
GAW = 240V PSC Motor Vertical Wall Mount	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

F	C	S	05
Wall Mount Electric Heat	Interruption C = Circuit Breaker T = Terminal Block	S = 18 - 37	Heat strip 00 = NO Heat 03 = 3 KW 05 = 5 KW 08 = 8 KW 10 = 10KW

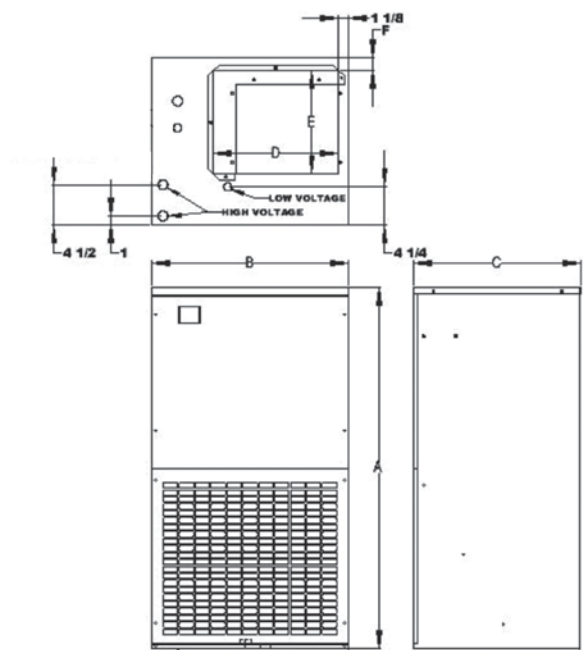
DIMENSIONS AND SPECIFICATIONS (In. [mm]) (Fig 1)

MODEL	A	B	C	D	E	F	FILTER SIZE	PISTON SIZE	SHIP WEIGHT (LBS)	SKID QTY
GAW18*	37 1/2 [953]	22 [559]	18 3/4 [476]	14 [356]	10 [254]	3 1/4 [83]	20X20	0.049	90	4
GAW19*	36 [915]	20 1/2 [521]	15 [381]	18 [457]	9 1/4 [235]	1 1/4 [32]	14X18	0.049	80	4
GAW20*	36 [915]	20 1/2 [521]	15 [381]	18 [457]	9 1/4 [235]	1 1/4 [32]	14X18	0.049	80	4
GAW23*	37 1/2 [953]	22 [559]	18 3/4 [476]	14 [356]	10 [254]	3 1/4 [83]	20X20	0.049	90	4
GAW24*	37 1/2 [953]	22 [559]	18 3/4 [476]	14 [356]	10 [254]	3 1/4 [83]	20X20	0.049	90	4
GAW25*	36 [915]	20 1/2 [521]	15 [381]	18 [457]	9 1/4 [235]	1 1/4 [32]	14X18	0.055	80	4
GAW26*	36 [915]	20 1/2 [521]	15 [381]	18 [457]	9 1/4 [235]	1 1/4 [32]	14X18	0.055	80	4
GAW30*	40.5 [1029]	22 [559]	18 3/4 [476]	14 [356]	11 1/2 [292]	1 3/8 [35]	20X20	0.059	102	4
GAW31*	36 [915]	24 [610]	21 [533]	21 1/2 [546]	12 [305]	1 1/4 [32]	20X20	0.059	90	4
GAW36*	40.5 [1029]	22 [559]	18 3/4 [476]	14 [356]	11 1/2 [292]	1 3/8 [35]	20X20	0.068	102	4
GAW37*	36 [915]	24 [610]	21 [533]	21 1/2 [546]	12 [305]	1 1/4 [32]	20X20	0.068	90	4

Fig 1

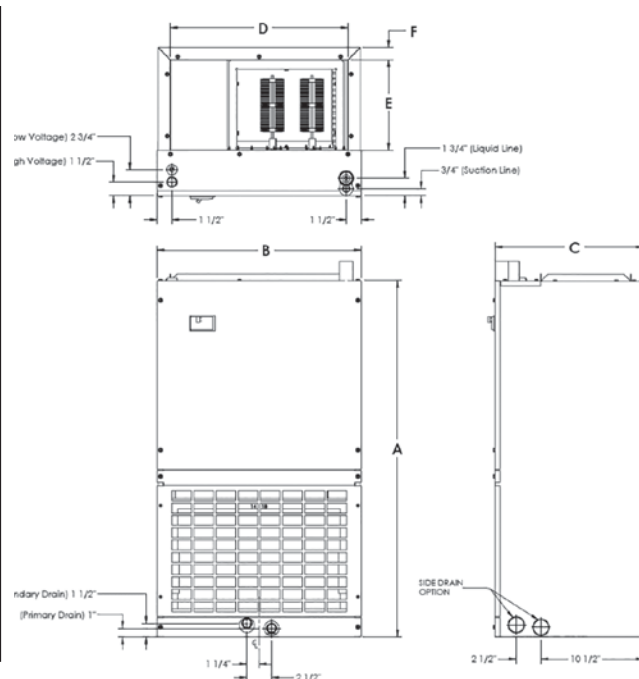
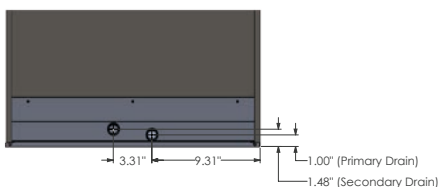
GAW 18/23/24/30/36

GAW 19/20/25/26/31/37



20" x 9" BOTTOM RETURN

Note: Code may require installer to use conduit inside cabinet to electrical enclosure.



Copper stub out diameter: Suction: 3/4", Liquid: 3/8"

INSTALLATION CLEARANCES

	OPERATION	SERVICE
TOP	0"	0"
FRONT	0"	30"
SIDES	0"	0"
REAR	0"	0"

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 powder paint and smooth finish. Can be latex painted in the field.

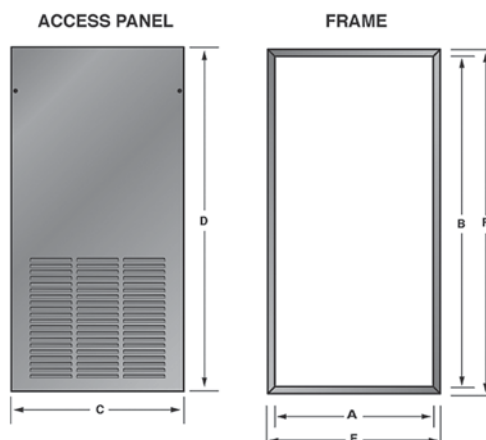
FILTER

20" x 20" x 1" field supplied.

WARRANTY

One-year limited parts warranty.

Fig 2



ACCESS PANEL DIMENSIONS AND SPECIFICATIONS (Fig 2)

PANEL MODEL	FOR USE WITH	FINISH	OPENING SIZE		PANEL DIMENSION		FRAME DIMENSION		# OF PANELS
			A"	B"	C"	D"	E"	F"	
WAD-7(S/L)	GAW 18/23/24	Embossed	22 1/4	39 1/2	24 1/4	41 1/2	24 1/8	41 3/8	1
WAD-8(S/L)	GAW 30/36	Embossed	22 1/4	42 1/2	24 1/4	44 1/2	24 1/8	44 3/8	1
WAD-18(S/L)	GAW 18/23/24	Smooth	22 1/4	39 1/2	24 1/4	41 1/2	24 1/8	41 3/8	1
WAD-19(S/L)	GAW 30/36	Smooth	22 1/4	42 1/2	24 1/4	44 1/2	24 1/8	44 3/8	1
WAD-20(S/L)	GAW 19/20/25/26	Embossed	20 3/4	38	22 3/4	40	22 5/8	39 7/8	1
WAD-21(S/L)	GAW 31/37	Embossed	24 1/4	38	26 1/4	40	26 1/8	39 7/8	1
WAD-22(S/L)	GAW 19/20/25/26	Smooth	20 3/4	38	22 3/4	40	22 5/8	39 7/8	1
WAD-23(S/L)	GAW 31/37	Smooth	24 1/4	38	26 1/4	40	26 1/8	39 7/8	1

WARNING
Cancer and
Reproductive Harm
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373 Atascocita Rd
Humble, TX 77396
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GBW SERIES

WARRANTY

One year limited parts warranty

OPTIONS

See options menu

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IN THE USA**

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



Rev. Date: 02/22/19
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WALL MOUNT HYDRONIC HEAT DX COOL AIR HANDLERS

Product Dimensions & Specifications



STANDARD FEATURES

APPLICATION VERSATILITY

Front or bottom return air. Offset hanging brackets attach to unit and wall to allow hanging inside closet. Can be DOE matched with most brands of air conditioners or heat pumps. ETL listed for use with either R22 or R410A when a proper metering device is used.

LOW LEAKAGE CABINET

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

ELECTRONIC CONTROL BOARD

An electronic board controls the functioning of the system reducing moving parts. The board provides for various hot water supply source connections and the blower time delay to maximize heat/cool extraction. As an enhanced feature the pump circulates hot water every 6 hours to prevent coil freeze during off cycle.

MODULAR HYDRONIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available in 2, 3 & 4 row, providing 16,000 to 59,000 BTU's of heat. Heat kits are easily installed in the field using molex plugs or can be ordered factory-installed. Freeze stat is standard, wired into circulating pump control circuit. 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 for increased efficiency. Heat kits are available with or without bronze circulating pump and check valve. Units are provided with auxiliary relay for remote pump. Schrader ports are standard on water-out manifold, hose bib available as an option. Totally lead free constructed coil. Suitable for potable applications.

BLOWER

Direct drive multi-speed blowers circulate air quietly and efficiently. Motor speeds can be easily selected via motor terminals. Swing mounted blowers 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 factory installed check style flowrater or TXV metering device. Field-installable TXVs are also available. Galvanized metal drain pan with bottom primary and secondary drain connections or alternate right side primary. All connections 3/4" FPT. Access door allows for coil cleaning.

AIRMARK

GBW

WALL MOUNT

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

UNIT MODEL	PERFORMANCE DATA							ELECTRICAL DATA	
	HYDRONIC HEAT KIT MODEL	NOMINAL COOLING (BTUS)	HEATING COIL	Hydronic Coil Delta P.	Heating Capacity(BTU) @ 3.5 GPM			MINIMUM CIRCUIT AMPACITY (MCA)	MAX BREAKER OR FUSE SIZE
			ROW	Ft .Water	ENTERING WATER TEMP				
					120°	140°	180°		
GBW 18	U(C,T)2S(P,L)	18,000	2	3	18,800	26,600	42,300	4.1	15
	U(C,T)3S(P,L)		3	1.8	21,600	30,400	48,500		
GBW 24	U(C,T)2S(P,L)	24,000	2	3	21,000	30,100	48,000	4.1	15
	U(C,T)3S(P,L)		3	1.8	24,700	34,800	55,600		
GBW 30	U(C,T)2S(P,L)	30,000	2	3	23,200	32,800	52,500	7.4	15
	U(C,T)3S(P,L)		3	1.8	27,000	38,200	61,100		
	U(C,T)4S(P,L)		4	1.1	28,300	40,100	64,000		
GBW 36	U(C,T)2S(P,L)	36,000	2	3	24,700	35,000	56,000	7.4	15
	U(C,T)3S(P,L)		3	1.8	29,900	41,000	65,500		
	U(C,T)4S(P,L)		4	1.1	30,400	43,000	68,800		

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
GBW18 & GBW 24	1/5	2.8	120	LOW	772	736	690	633	574
				HIGH	829	784	732	663	600
GBW30 & GBW36	1/3	5.4		LOW	1000	980	920	870	800
				HIGH	1210	1190	1160	1130	1070

* Dry coil

AIR HANDLER CHASSIS NOMENCLATURE

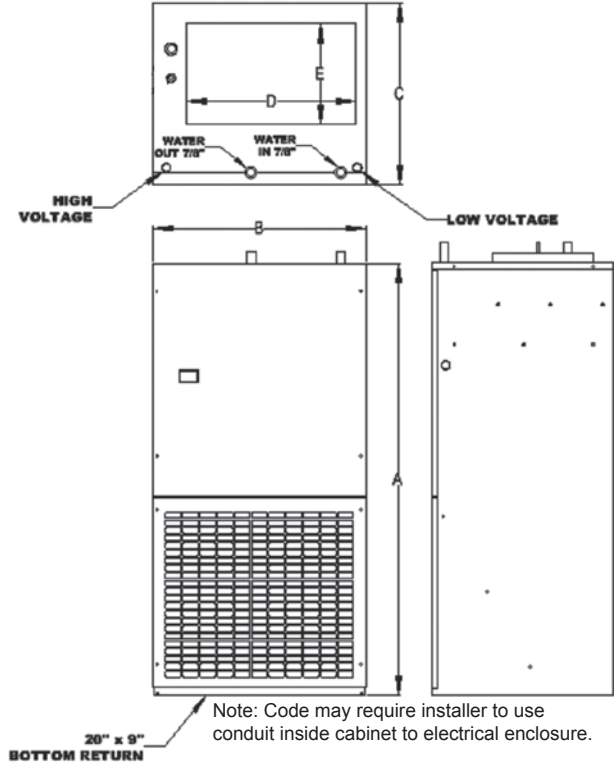
GBW	18	F	-001
GBW = 120V PSC Motor Vertical Wall Mount	Nominal tonnage (MBTUH)	<u>Metering device</u> 4 = R410A non-bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P TXV F = R22 Flo-rater G = R410A Flo-rater X = R22 non-bleed A/C or H/P TXV	Option Code

HYDRONIC HEAT KIT NOMENCLATURE

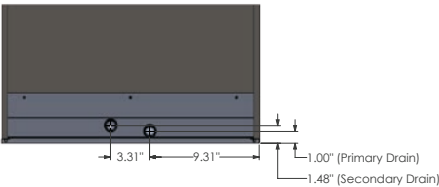
U	C	2	S	P
Wall Mount Hydronic Heat	<u>Interruption</u> C = Circuit Breaker T = Terminal Block	<u># of rows</u> 2 = 2 rows 3 = 3 rows 4 = 4 rows	S = 18 - 36	P = Taco 006 Bronze Pump 8 = Taco 008 Bronze Pump L = Less pump

DIMENSIONS AND SPECIFICATIONS (In. [mm]) (Fig 1)									
MODEL	A	B	C	D	E	FILTER SIZE	PISTON SIZE	SHIP WEIGHT (LBS)	SKID QTY
GBW18*	44-1/2 (113)	22 (56)	18-3/4 [48]	17-5/8 (45)	10-1/2 (27)	20X20	0.055	110	4
GBW24*	44-1/2 (113)	22 (56)	18-3/4 [48]	17-5/8 (45)	10-1/2 (27)	20X20	0.059	110	4
GBW30*	44-1/2 (113)	22 (56)	18-3/4 [48]	17-5/8 (45)	10-1/2 (27)	20X20	0.068	118	4
GBW36*	44-1/2 (113)	22 (56)	18-3/4 [48]	17-5/8 (45)	10-1/2 (27)	20X20	0.074	118	4

Fig 1



INSTALLATION CLEARANCES		
	OPERATION	SERVICE
TOP	0"	0"
FRONT	0"	30"
SIDES	0"	0"
REAR	0"	0"



Copper stub out diameter: DX - Suction: 3/4", Liquid: 3/8";
Hydronic – Water In/Out: 7/8"

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 powder paint and smooth finish. Can be latex painted in the field.

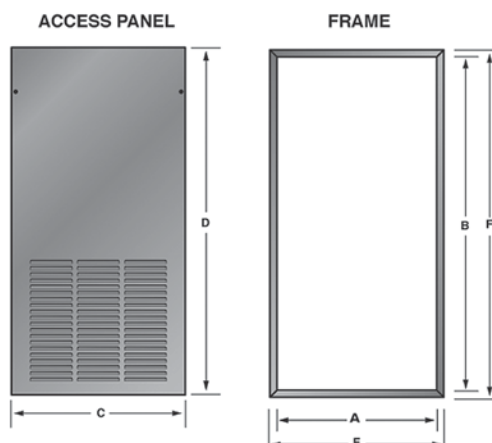
FILTER

20" x 20" x 1" field supplied.

WARRANTY

One-year limited parts warranty.

Fig 2



ACCESS PANEL DIMENSIONS AND SPECIFICATIONS (Fig 2)

PANEL MODEL	FOR USE WITH	FINISH	OPENING SIZE		PANEL DIMENSION		FRAME DIMENSION		# OF PANELS
			A"	B"	C"	D"	E"	F"	
WAD-9(S/L)	GBW	Embossed	22 1/4	46	24 1/4	48	24 1/8	47 7/8	1
WAD-10(S/L)	GBW	Embossed	22 1/4	52	24 1/4	54	24 1/8	53 7/8	1
WAD-16(S/L)	GBW	Smooth	22 1/4	52	24 1/4	54	24 1/8	53 7/8	1
WAD-17(S/L)	GBW	Smooth	22 1/4	46	24 1/4	48	24 1/8	47 7/8	1

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GEW SERIES

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Rev. Date: 10/29/20
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HIGH EFFICIENCY VERTICAL WALL MOUNT ELECTRIC HEAT DX COIL AIR HANDLERS

Product Dimensions & Specifications



STANDARD FEATURES

APPLICATION VERSATILITY

Front or bottom return air position. Offset hanging brackets attach to unit and wall to allow hanging inside closet. Can be DOE matched with most brands of air conditioners or heat pumps. ETL listed for use with either R22 or R410A when a proper metering device is used.

MOTOR

Constant torque ECM speeds and torques are controlled by software embedded in the motor to maintain constant torque. Motors are pre-programmed at the factory.

LOW LEAKAGE CABINET

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

MODULAR ELECTRIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available in 3, 5, 8, & 10 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 for increased efficiency.

BLOWER

Direct drive multi-speed blowers circulate air quietly and efficiently. Motor speeds can be easily selected via motor terminals. Swing mounted blowers can be easily removed for service.

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.

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 check style flowrate or TXV metering device factory installed. Field-installable TXVs are also available. Galvanized metal drain pan with bottom primary and secondary drain connections or alternate right side primary. All connections 3/4" FPT. Access door allows for coil cleaning.

AIRMARK

GEW

WALL MOUNT

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	HEAT KIT	PERFORMANCE DATA					ELECTRICAL DATA			
		NOMINAL COOLING (BTUS)	HEATING (KW)		HEATING CAPACITY (MBTUH)		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
			208V	240V	208V	240V	208V	240V	208V	240V
GEW18	F[C,T]S00	18,000	0.0	0.0	0.0	0.0	3.5	3.5	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	17.0	19.1	20.0	20.0
	F[C,T]S05		3.7	4.8	12.6	16.4	25.1	28.5	25.0	30.0
	F[C,T]S06		4.6	6.0	13.5	17.9	30.5	34.8	30.0	35.0
	F[C,T]S08		6.0	8.0	20.5	27.3	39.6	45.2	40.0	45.0
	F[C,T]S10		7.2	9.6	24.5	32.8	46.8	53.5	50.0	60.0
GEW19/20	F[C,T]S00	18,000	0.0	0.0	0.0	0.0	3.0	3.0	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	16.5	18.6	20.0	20.0
	F[C,T]S05		3.7	4.8	12.6	16.4	24.6	28.0	25.0	30.0
	F[C,T]S06		4.6	6.0	13.5	17.9	30.0	34.3	30.0	35.0
	F[C,T]S08		6.0	8.0	20.5	27.3	39.1	44.7	40.0	45.0
	F[C,T]S10		7.2	9.6	24.5	32.8	46.3	53.0	50.0	60.0
GEW23/24	F[C,T]S00	24,000	0.0	0.0	0.0	0.0	3.5	3.5	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	17.0	19.1	20.0	20.0
	F[C,T]S05		3.7	4.8	12.6	16.4	25.1	28.5	25.0	30.0
	F[C,T]S06		4.6	6.0	13.5	17.9	30.5	34.8	30.0	35.0
	F[C,T]S08		6.0	8.0	20.5	27.3	39.6	45.2	40.0	45.0
	F[C,T]S10		7.2	9.6	24.5	32.8	46.8	53.5	50.0	60.0
GEW25/26	F[C,T]S00	24,000	0.0	0.0	0.0	0.0	3.0	3.0	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	16.5	18.6	20.0	20.0
	F[C,T]S05		3.7	4.8	12.6	16.4	24.6	28.0	25.0	30.0
	F[C,T]S06		4.6	6.0	13.5	17.9	30.0	34.3	30.0	35.0
	F[C,T]S08		6.0	8.0	20.5	27.3	39.1	44.7	40.0	45.0
	F[C,T]S10		7.2	9.6	24.5	32.8	46.3	53.0	50.0	60.0
GEW30	F[C,T]S00	30,000	0.0	0.0	0.0	0.0	5.1	5.1	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	18.6	20.8	20.0	25.0
	F[C,T]S05		3.7	4.8	12.6	16.4	26.8	30.1	30.0	30.0
	F[C,T]S06		4.6	6.0	13.5	17.9	32.2	36.4	35.0	40.0
	F[C,T]S08		6.0	8.0	20.5	27.3	41.2	46.8	45.0	50.0
	F[C,T]S10		7.2	9.6	24.5	32.8	48.4	55.1	50.0	60.0
GEW31	F[C,T]S00	30,000	0.0	0.0	0.0	0.0	4.5	4.5	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	18.0	20.1	20.0	25.0
	F[C,T]S05		3.7	4.8	12.6	16.4	26.1	29.5	30.0	30.0
	F[C,T]S06		4.6	6.0	13.5	17.9	31.6	35.8	35.0	40.0
	F[C,T]S08		6.0	8.0	20.5	27.3	40.6	46.2	45.0	50.0
	F[C,T]S10		7.2	9.6	24.5	32.8	47.8	54.5	50.0	60.0
GEW36	F[C,T]S00	36,000	0.0	0.0	0.0	0.0	5.1	5.1	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	18.6	20.8	20.0	25.0
	F[C,T]S05		3.7	4.8	12.6	16.4	26.8	30.1	30.0	30.0
	F[C,T]S06		4.6	6.0	13.5	17.9	32.2	36.4	35.0	40.0
	F[C,T]S08		6.0	8.0	20.5	27.3	41.2	46.8	45.0	50.0
	F[C,T]S10		7.2	9.6	24.5	32.8	48.4	55.1	50.0	60.0
GEW37	F[C,T]S00	36,000	0.0	0.0	0.0	0.0	4.5	4.5	15.0	15.0
	F[C,T]S03		2.3	3.0	7.8	10.2	18.0	20.1	20.0	25.0
	F[C,T]S05		3.7	4.8	12.6	16.4	26.1	29.5	30.0	30.0
	F[C,T]S06		4.6	6.0	13.5	17.9	31.6	35.8	35.0	40.0
	F[C,T]S08		6.0	8.0	20.5	27.3	40.6	46.2	45.0	50.0
	F[C,T]S10		7.2	9.6	24.5	32.8	47.8	54.5	50.0	60.0

BLOWER DATA									
MODEL	SPEED TAP	MOTOR AMPS	MOTOR BHP	MOTOR HP	CFM V. EXTERNAL STATIC*†				
					0.10	0.20	0.30	0.40	0.50
GEW 18/23/24	T1	2.1	0.29	1/3	909	864	840	800	782
	T2	1.3	0.18		723	690	652	631	600
	T3	1.0	0.14		600	565	539	502	480
	T4	1.3	0.18		723	690	652	631	600
	T5	2.1	0.29		909	864	840	800	782
GEW 19/25	T1	1.1	0.15		670	645	615	590	570
	T2	1.7	0.23		800	780	750	730	695
	T3	1.9	0.26		875	850	820	790	760
	T4	2.2	0.30		980	955	930	900	875
	T5	2.5	0.34		1065	1035	1015	995	970
GEW 20/26	T1	1.0	0.14		655	630	605	580	560
	T2	1.6	0.22		785	765	735	715	685
	T3	1.8	0.25		860	835	805	775	745
	T4	2.1	0.29		960	935	910	885	860
	T5	2.4	0.33		1045	1015	995	975	950
GEW 30/36	T1	3.2	0.44	1/2	1365	1332	1303	1271	1240
	T2	1.5	0.20		745	698	668	630	600
	T3	2.0	0.27		898	873	853	827	800
	T4	2.7	0.37		1174	1132	1106	1078	1047
	T5	3.2	0.44		1365	1332	1303	1271	1240
GEW 31/37	T1	1.6	0.22		745	715	675	640	615
	T2	2.4	0.33		940	910	875	840	805
	T3	2.6	0.36		1100	1070	1025	995	965
	T4	2.9	0.40		1220	1180	1155	1115	1085
	T5	3.2	0.44		1385	1350	1330	1290	1270

* Wet coil with filter †For 208 operation multiply by 0.90

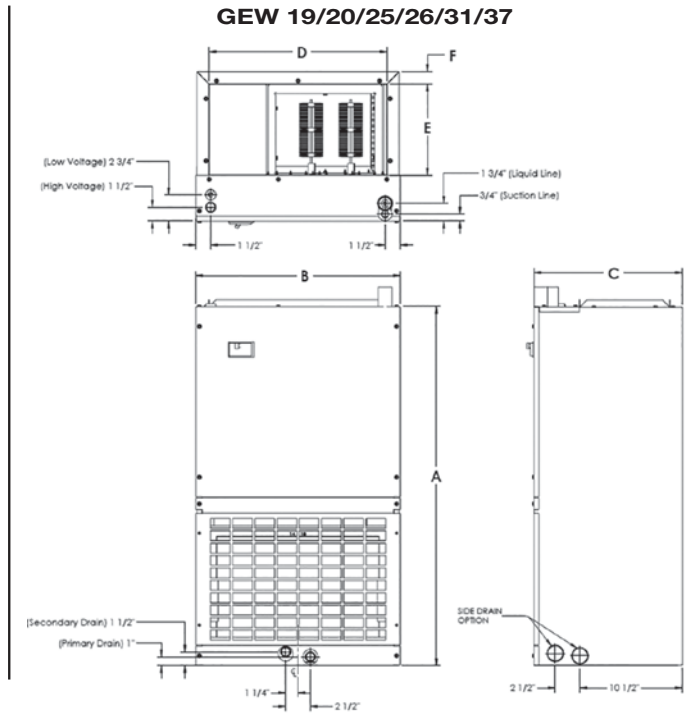
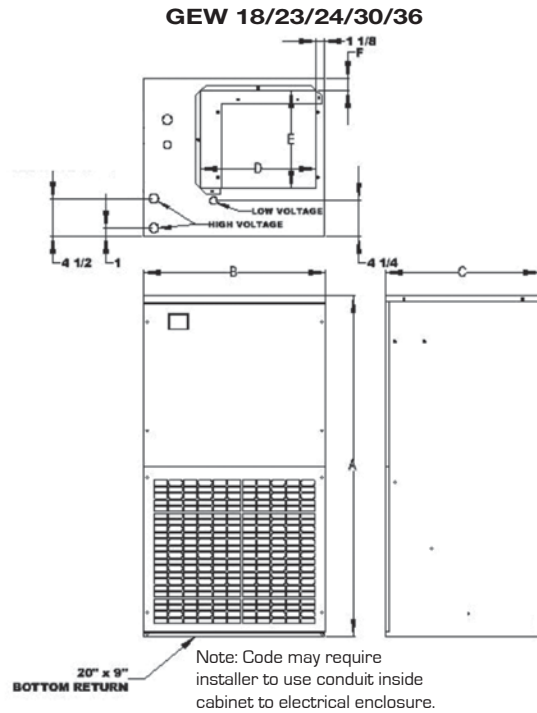
AIR HANDLER CHASSIS NOMENCLATURE			
GEW	18	F	-001
GEW = 240V Constant Torque ECM Vertical Wall Mount	Nominal tonnage (MBTUH)	<u>Metering device</u> 4 = R410A non-bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P TXV F = R22 Flo-rater G = R410A Flo-rater X = R22 non-bleed A/C or H/P TXV	Option Code

ELECTRIC HEAT KIT NOMENCLATURE			
F	C	S	03
Wall Mount Electric Heat	<u>Interruption</u> C = Circuit Breaker T = Terminal Block	S = 18-37	<u>Heat Strip</u> 00 = NO Heat 03 = 3 KW 05 = 5 KW 08 = 8 KW 10 = 10 KW

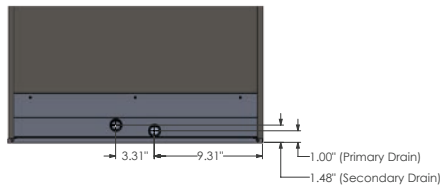
DIMENSIONS AND SPECIFICATIONS (In. [mm]) (Fig 1)

MODEL	A	B	C	D	E	F	FILTER SIZE	PISTON SIZE	SHIP WEIGHT (LBS)	SKID QTY
GEW18*	37 1/2 [953]	22 [559]	18 3/4 [476]	14 [356]	10 [254]	3 1/4 [83]	20X20	0.049	90	4
GEW19*	36 [915]	20 1/2 [521]	15 [381]	18 [457]	9 1/4 [235]	1 1/4 [32]	14X18	0.049	80	4
GEW20*	36 [915]	20 1/2 [521]	15 [381]	18 [457]	9 1/4 [235]	1 1/4 [32]	14X18	0.049	80	4
GEW23*	37 1/2 [953]	22 [559]	18 3/4 [476]	14 [356]	10 [254]	3 1/4 [83]	20X20	0.049	90	4
GEW24*	37 1/2 [953]	22 [559]	18 3/4 [476]	14 [356]	10 [254]	3 1/4 [83]	20X20	0.049	90	4
GEW25*	36 [915]	20 1/2 [521]	15 [381]	18 [457]	9 1/4 [235]	1 1/4 [32]	14X18	0.055	80	4
GEW26*	36 [915]	20 1/2 [521]	15 [381]	18 [457]	9 1/4 [235]	1 1/4 [32]	14X18	0.055	80	4
GEW30*	40.5 [1029]	22 [559]	18 3/4 [476]	14 [356]	11 1/2 [292]	1 3/8 [35]	20X20	0.059	102	4
GEW31*	36 [915]	24 [610]	21 [533]	21 1/2 [546]	12 [305]	1 1/4 [32]	20X20	0.059	90	4
GEW36*	40.5 [1029]	22 [559]	18 3/4 [476]	14 [356]	11 1/2 [292]	1 3/8 [35]	20X20	0.068	102	4
GEW37*	36 [915]	24 [610]	21 [533]	21 1/2 [546]	12 [305]	1 1/4 [32]	20X20	0.068	90	4

Fig 1



Copper stub out diameter: Suction: 3/4", Liquid: 3/8"



INSTALLATION CLEARANCES		
	OPERATION	SERVICE
TOP	0"	0"
FRONT	0"	30"
SIDES	0"	0"
REAR	0"	0"

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 powder paint and smooth finish. Can be latex painted in the field.

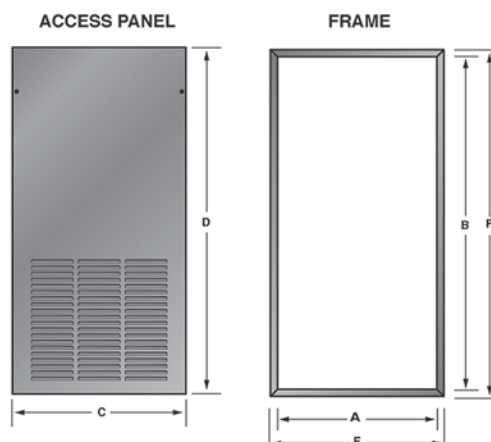
FILTER

20" x 20" x 1" field supplied.

WARRANTY

One-year limited parts warranty.

Fig 2



ACCESS PANEL DIMENSIONS AND SPECIFICATIONS (Fig 2)									
PANEL MODEL	FOR USE WITH	FINISH	OPENING SIZE		PANEL DIMENSION		FRAME DIMENSION		# OF PANELS
			A"	B"	C"	D"	E"	F"	
WAD-7(S/L)	GEW 18/23/24	Embossed	22 1/4	39 1/2	24 1/4	41 1/2	24 1/8	41 3/8	1
WAD-8(S/L)	GEW 30/36	Embossed	22 1/4	42 1/2	24 1/4	44 1/2	24 1/8	44 3/8	1
WAD-18(S/L)	GEW 18/23/24	Smooth	22 1/4	39 1/2	24 1/4	41 1/2	24 1/8	41 3/8	1
WAD-19(S/L)	GEW 30/36	Smooth	22 1/4	42 1/2	24 1/4	44 1/2	24 1/8	44 3/8	1
WAD-20(S/L)	GEW 19/20/25/26	Embossed	20 3/4	38	22 3/4	40	22 5/8	39 7/8	1
WAD-21(S/L)	GEW 31/37	Embossed	24 1/4	38	26 1/4	40	26 1/8	39 7/8	1
WAD-22(S/L)	GEW 19/20/25/26	Smooth	20 3/4	38	22 3/4	40	22 5/8	39 7/8	1
WAD-23(S/L)	GEW 31/37	Smooth	24 1/4	38	26 1/4	40	26 1/8	39 7/8	1



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GFW SERIES

WARRANTY

One year limited parts warranty

OPTIONS

See options menu

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Due to continuous product improvement,
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Rev. Date: 08/20/19

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HIGH EFFICIENCY WALL MOUNT HYDRONIC HEAT DX COOL AIR HANDLERS

Product Dimensions & Specifications



STANDARD FEATURES

APPLICATION VERSATILITY

Front or bottom return air. Offset hanging brackets included standard attach to unit and wall to allow hanging inside closet. Can be DOE matched with most brands of air conditioners or heat pumps. ETL listed for use with either R22 or R410A when a proper metering device is used.

MOTOR

Constant torque ECM speeds and torques are controlled by software embedded in the motor to maintain constant torque. Motors are pre-programmed at the factory.

LOW LEAKAGE CABINET

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

MODULAR HYDRONIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available in 2, 3 & 4 row, providing 16,000 to 59,000 BTU's of heat. Heat kits are easily installed in the field using molex plugs or can be ordered factory-installed. Freeze stat is standard, wired into circulating pump control circuit. 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 for increased efficiency. Heat kits are available with or without circulating pump and check valve. Units are provided with auxiliary relay for remote pump. Schrader ports are

standard on water-out manifold, hose bib available as an option. Totally lead free constructed coil. Suitable for potable applications.

BLOWER

Direct drive multi-speed blowers circulate air quietly and efficiently. Motor speeds can be easily selected via motor terminals. Swing mounted blowers can be easily removed for service.

ELECTRONIC CONTROL BOARD

An electronic board controls the functioning of the system reducing moving parts. The board provides for various hot water supply source connections and the blower time delay to maximize heat/cool extraction. As an enhanced feature the pump circulates hot water every 6 hours to prevent coil freeze during off cycle.

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 factory installed check style flowrater or TXV metering device. Field-installable TXVs are also available. Galvanized metal drain pan with bottom primary and secondary drain connections or alternate right side primary. All connections 3/4" FPT. Access door allows for coil cleaning.

AIRMARK

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA									
MODEL	HYDRONIC HEAT KIT	PERFORMANCE DATA						ELECTRICAL DATA	
		NOMINAL COOLING (BTUS)	HEATING COIL		HEATING CAPACITY [BTU] @ 3.5 GPM			MINIMUM CIRCUIT AMPACITY (MCA)	MAX BREAKER OR FUSE SIZE
					ENTERING WATER TEMP				
			ROWS	SIZE	120°	140°	180°		
GFW18	U(C,T)2S(P,L)	18,000	2	18"x10-1/2	18,800	26,600	42,300	6.6	15
	U(C,T)3S(P,L)		3		21,600	30,400	48,500		
GFW24	U(C,T)2S(P,L)	24,000	2		21,000	30,100	48,000	6.6	15
	U(C,T)3S(P,L)		3		24,700	34,800	55,600		
GFW30	U(C,T)2S(P,L)	30,000	2		23,200	32,800	52,500	9.1	15
	U(C,T)3S(P,L)		3		27,000	38,200	61,100		
	U(C,T)4S(P,L)		4		28,300	40,100	64,000		
GFW36	U(C,T)2S(P,L)	36,000	2		24,700	35,000	56,000	9.1	15
	U(C,T)3S(P,L)		3		29,900	41,000	65,500		
	U(C,T)4S(P,L)		4		30,400	43,000	68,800		

BLOWER DATA										
MODEL	SPEED TAP	MOTOR AMPS	MOTOR BHP	MOTOR HP	MOTOR VOLTAGE	CFM V. EXTERNAL STATIC*				
						0.10	0.20	0.30	0.40	0.50
GFW18 & GFW 24	TAP 5	4.1	0.56	1/3	120	900	851	800	742	682
	TAP 4	2.9	0.4			652	630	591	556	530
	TAP 3	1.7	0.23			500	476	452	421	400
	TAP 2	1.4	0.19			400	381	360	339	312
	TAP 1	4.1	0.56			900	851	800	742	682
GFW30 & GFW36	TAP 5	6	0.82	1/2		1150	1087	1030	975	910
	TAP 4	4.4	0.6			1080	1048	1010	960	895
	TAP 3	3	0.41			900	862	825	796	745
	TAP 2	2	0.27			700	663	632	600	552
	TAP 1	1.5	0.2			500	473	449	421	395

*Dry coil with filter

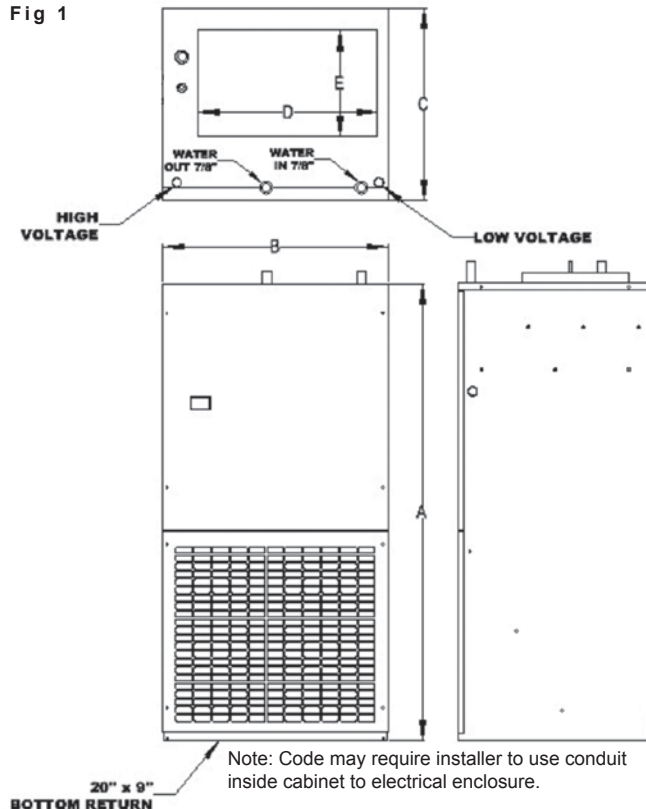
AIR HANDLER CHASSIS NOMENCLATURE			
GFW	18	G	-001
GFW = 115V Constant Torque ECM Vertical Wall Mount	Nominal tonnage (MBTUH)	Metering device 4 = R410A non-bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P TXV F = R22 Flo-rater G = R410A Flo-rater X = R22 non-bleed A/C or H/P TXV	Option Code

HYDRONIC HEAT KIT NOMENCLATURE				
U	C	2	S	P
Wall Mount Hydronic Heat	<u>Interruption</u> C = Circuit Breaker T = Terminal Block	<u># of rows</u> 2 = 2 rows 3 = 3 rows 4 = 4 rows	S = 18 - 36	P = Taco 006 Bronze Pump 8 = Taco 008 Bronze Pump L = less pump

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

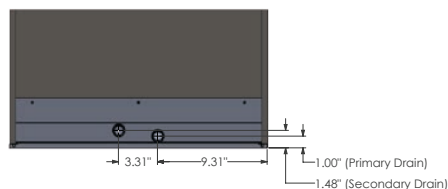
MODEL	HEIGHT A	WIDTH B	DEPTH C	D	E	FILTER SIZE	PISTON SIZE	SHIP WEIGHT (LBS)	SKID QTY
GFW18*	44-1/2 (113)	22 (56)	18 3/4 (48)	17 5/8 (45)	10-1/2 (27)	20X20	0.055	110	4
GFW24*	44-1/2 (113)	22 (56)	18 3/4 (48)	17 5/8 (45)	10-1/2 (27)	20X20	0.059	110	4
GFW30*	44-1/2 (113)	22 (56)	18 3/4 (48)	17 5/8 (45)	10-1/2 (27)	20X20	0.068	118	4
GFW36*	44-1/2 (113)	22 (56)	18 3/4 (48)	17 5/8 (45)	10-1/2 (27)	20X20	0.074	118	4

Fig 1



INSTALLATION CLEARANCES

	OPERATION	SERVICE
TOP	0"	0"
FRONT	0"	30"
SIDES	0"	0"
REAR	0"	0"



Copper stub out diameter: DX - Suction: 3/4", Liquid: 3/8";
Hydronic – Water In/Out: 7/8"

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 powder paint and smooth finish. Can be latex painted in the field.

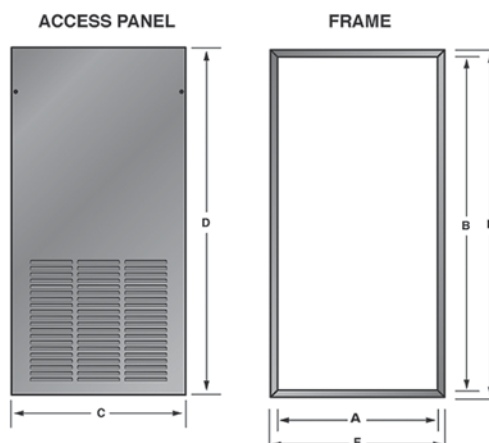
FILTER

20" x 20" x 1" field supplied.

WARRANTY

One-year limited parts warranty.

Fig 2



ACCESS PANEL DIMENSIONS AND SPECIFICATIONS (Fig 2)

PANEL MODEL	FOR USE WITH	FINISH	OPENING SIZE		PANEL DIMENSION		FRAME DIMENSION		# OF PANELS
			A"	B"	C"	D"	E"	F"	
WAD-9(S/L)	GFW	Embossed	22 1/4	46	24 1/4	48	24 1/8	47 7/8	1
WAD-10(S/L)	GFW	Embossed	22 1/4	52	24 1/4	54	24 1/8	53 7/8	1
WAD-16(S/L)	GFW	Smooth	22 1/4	52	24 1/4	54	24 1/8	53 7/8	1
WAD-17(S/L)	GFW	Smooth	22 1/4	46	24 1/4	48	24 1/8	47 7/8	1

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GAS
SERIESUNCASED CEILING MOUNT ELECTRIC HEAT
DX COOL AIR HANDLER

Product Dimensions & Specifications



WARRANTY

One year limited parts warranty

OPTIONS

See options menu

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Rev. Date: 02/22/19
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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

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

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. Easily accessible controls for quick service.

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.

DX COIL

High efficiency rifed 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. 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.

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
GAS 18/19/20	HTS00	18,000	0.0	0.0	0.0	0.0	1.8	1.8	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	15.3	17.4	20.0	20.0
	HTS05		3.7	4.8	12.6	16.4	23.4	26.8	25.0	30.0
	HTS06		4.6	6.0	15.7	20.5	28.8	33.0	30.0	35.0
	HTS08		6.1	8.0	20.8	27.3	37.8	43.4	40.0	45.0
	HTS10		7.4	9.6	25.3	32.8	45.0	51.8	45.0	60.0
GAS 24/25	HTS00	24,000	0.0	0.0	0.0	0.0	1.8	1.8	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	15.3	17.4	20.0	20.0
	HTS05		3.7	4.8	12.6	16.4	23.4	26.8	25.0	30.0
	HTS06		4.6	6.0	15.7	20.5	28.8	33.0	30.0	35.0
	HTS08		6.1	8.0	20.8	27.3	37.8	43.4	40.0	45.0
	HTS10		7.4	9.6	25.3	32.8	45.0	51.8	45.0	60.0
GAS 26/28	HTS00	24,000	0.0	0.0	0.0	0.0	2.7	2.7	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	16.2	18.3	20.0	20.0
	HTS05		3.7	4.8	12.6	16.4	24.3	27.7	25.0	30.0
	HTS06		4.6	6.0	15.7	20.5	29.7	33.9	30.0	35.0
	HTS08		6.1	8.0	20.8	27.3	38.8	44.4	40.0	45.0
	HTS10		7.4	9.6	25.3	32.8	46.0	52.7	50.0	60.0
GAS 30/31/32	HTS00	30,000	0.0	0.0	0.0	0.0	2.7	2.7	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	16.2	18.3	20.0	20.0
	HTS05		3.7	4.8	12.6	16.4	24.3	27.7	25.0	30.0
	HTS06		4.6	6.0	15.7	20.5	29.7	33.9	30.0	35.0
	HTS08		6.1	8.0	20.8	27.3	38.8	44.4	40.0	45.0
	HTS10		7.4	9.6	25.3	32.8	46.0	52.7	50.0	60.0
GAS 36/37	HTS00	36,000	0.0	0.0	0.0	0.0	2.7	2.7	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	16.2	18.3	20.0	20.0
	HTS05		3.7	4.8	12.6	16.4	24.3	27.7	25.0	30.0
	HTS06		4.6	6.0	15.7	20.5	29.7	33.9	30.0	35.0
	HTS08		6.1	8.0	20.8	27.3	38.8	44.4	40.0	45.0
	HTS10		7.4	9.6	25.3	32.8	46.0	52.7	50.0	60.0

BLOWER DATA

UNIT MODEL	SPEED TAP	MOTOR HP	CFM VS. STATIC PRESSURE							
			0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4
GAS 18/19/24	HIGH	1/4	880	800	770	740	705	670	640	610
	LOW		732	711	690	645	620	600	570	543
GAS 20/25	HIGH		990	960	910	870	815	760	730	690
	LOW		820	790	765	732	690	650	610	595
GAS 26	HIGH	1/3	1040	1008	956	914	856	798	767	725
	LOW		861	830	803	769	725	683	640	625
GAS 28	HIGH		1040	1008	956	914	856	798	767	725
	LOW		861	830	803	769	725	683	641	625
GAS 30	HIGH		1085	1045	1000	950	900	850	800	740
	LOW		965	925	880	850	800	750	700	650
GAS 31	HIGH		1230	1150	1110	1070	1020	980	940	890
	LOW		1057	1010	980	940	910	870	830	775
GAS 32	HIGH		1350	1325	1285	1225	1190	1140	1090	1050
	LOW		1040	1030	1010	990	960	940	900	850
GAS 36/37	HIGH		1350	1325	1285	1225	1190	1140	1090	1050
	LOW		1040	1030	1010	990	960	940	900	850

Note: 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.

GAS

CEILING MOUNT

AIR HANDLER CHASSIS NOMENCLATURE

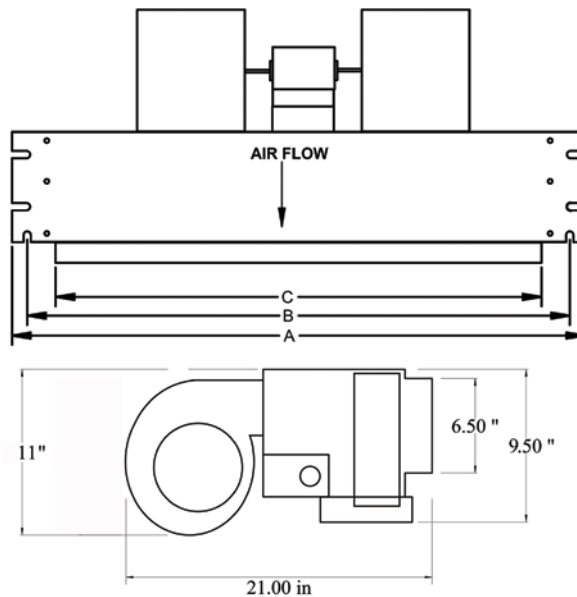
G	A	S	18	G	-001
AirMark Air Handler	<u>Voltage</u> A = 240V PSC Motor	<u>Configuration</u> S = Uncased Ceiling Mount	Nominal Tonnage (KBTUH)	<u>Metering Device</u> 4 = R410A non-bleed A/C or H/P TXV 6 = R410A 20% bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P TXV F = R22 Flo-rater G = R410A Flo-rater 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)	<u>Heat Strip</u> 00 = NO Heat 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW

ENCLOSURES DIMENSIONS

UNIT MODEL	A"	B"	C"	Weight (lbs)	Skid Qty.
GAS 18/19/24	37 1/4	34-5/8	30	125	8
GAS 20/25/30	43 1/4	40-5/8	36	135	8
GAS 26/31/36	49 1/4	46 5/8	42	145	8
GAS 28/32/37	56 1/4	53 5/8	48	155	8



Copper stub out diameter: Suction: 3/4", Liquid: 3/8"

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.

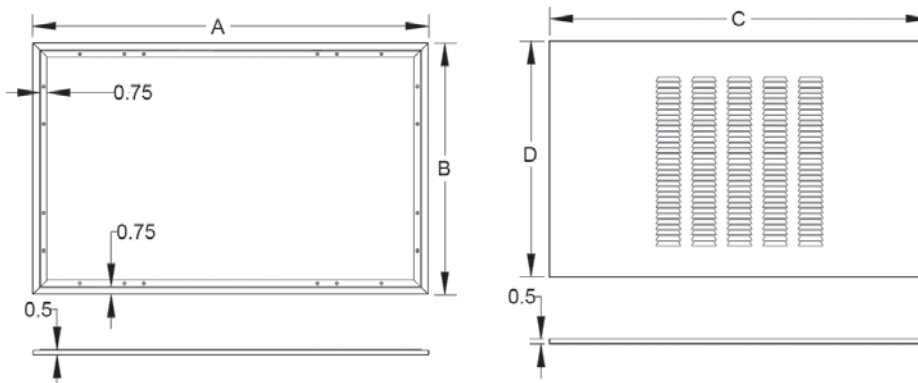
FILTER

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				FILTERS (QTY)
		A"	B"	C"	D"	
GAS 18/19/24	GAD-1(S/L)	43-1/2	27-1/2	41-1/2	26	1
GAS 20/25/30	GAD-5(S/L)	49-1/2	27-1/2	47-1/2	26	2
GAS 26/31/36	GAD-2(S/L)	55-1/2	27-1/2	53-1/2	26	2
GAS 28/32/37	GAD-6(S/L)	63-1/2	27-1/2	61-1/2	26	2



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DX COOL AIR HANDLER

Product Dimensions & Specifications



WARRANTY

One year limited parts warranty

OPTIONS

See options menu

**MANUFACTURED
IN THE USA**

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



Rev. Date: 02/22/19
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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

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

LOW LEAKAGE CABINET

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

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. Easily accessible controls for quick service.

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 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. Primary & secondary condensate drain. All drain connections are 3/4" NPT. Powder-painted metal drain pan. Access door allows for coil cleaning. Certified for use with either R22 or R410A.

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
GAT 18/19/20	HTS00	18,000	0.0	0.0	0.0	0.0	1.8	1.8	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	15.3	17.4	20.0	20.0
	HTS05		3.7	4.8	12.6	16.4	23.4	26.8	25.0	30.0
	HTS06		4.6	6.0	15.7	20.5	28.8	33.0	30.0	35.0
	HTS08		6.1	8.0	20.8	27.3	37.8	43.4	40.0	45.0
	HTS10		7.4	9.6	25.3	32.8	45.0	51.8	45.0	60.0
GAT 24/25	HTS00	24,000	0.0	0.0	0.0	0.0	1.8	1.8	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	15.3	17.4	20.0	20.0
	HTS05		3.7	4.8	12.6	16.4	23.4	26.8	25.0	30.0
	HTS06		4.6	6.0	15.7	20.5	28.8	33.0	30.0	35.0
	HTS08		6.1	8.0	20.8	27.3	37.8	43.4	40.0	45.0
	HTS10		7.4	9.6	25.3	32.8	45.0	51.8	45.0	60.0
GAT 26/28	HTS00	24,000	0.0	0.0	0.0	0.0	2.7	2.7	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	16.2	18.3	20.0	20.0
	HTS05		3.7	4.8	12.6	16.4	24.3	27.7	25.0	30.0
	HTS06		4.6	6.0	15.7	20.5	29.7	33.9	30.0	35.0
	HTS08		6.1	8.0	20.8	27.3	38.8	44.4	40.0	45.0
	HTS10		7.4	9.6	25.3	32.8	46.0	52.7	50.0	60.0
GAT 30/31/32	HTS00	30,000	0.0	0.0	0.0	0.0	2.7	2.7	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	16.2	18.3	20.0	20.0
	HTS05		3.7	4.8	12.6	16.4	24.3	27.7	25.0	30.0
	HTS06		4.6	6.0	15.7	20.5	29.7	33.9	30.0	35.0
	HTS08		6.1	8.0	20.8	27.3	38.8	44.4	40.0	45.0
	HTS10		7.4	9.6	25.3	32.8	46.0	52.7	50.0	60.0
GAT 36/37	HTS00	36,000	0.0	0.0	0.0	0.0	2.7	2.7	15.0	15.0
	HTS03		2.3	3.0	7.8	10.2	16.2	18.3	20.0	20.0
	HTS05		3.7	4.8	12.6	16.4	24.3	27.7	25.0	30.0
	HTS06		4.6	6.0	15.7	20.5	29.7	33.9	30.0	35.0
	HTS08		6.1	8.0	20.8	27.3	38.8	44.4	40.0	45.0
	HTS10		7.4	9.6	25.3	32.8	46.0	52.7	50.0	60.0

BLOWER DATA										
UNIT MODEL	SPEED TAP	MOTOR HP	CFM VS. STATIC PRESSURE							
			0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4
GAT 18/19/24	HIGH	1/4	880	800	770	740	705	670	640	610
	LOW		732	711	690	645	620	600	570	543
GAT 20/25	HIGH		990	960	910	870	815	760	730	690
	LOW		820	790	765	732	690	650	610	595
GAT 26	HIGH	1/3	1040	1008	956	914	856	798	767	725
	LOW		861	830	803	769	725	683	640	625
GAT 28	HIGH		1040	1008	956	914	856	798	767	725
	LOW		861	830	803	769	725	683	641	625
GAT 30	HIGH		1085	1045	1000	950	900	850	800	740
	LOW		965	925	880	850	800	750	700	650
GAT 31	HIGH		1230	1150	1110	1070	1020	980	940	890
	LOW		1057	1010	980	940	910	870	830	775
GAT 32	HIGH		1350	1325	1285	1225	1190	1140	1090	1050
	LOW		1040	1030	1010	990	960	940	900	850
GAT 36/37	HIGH		1350	1325	1285	1225	1190	1140	1090	1050
	LOW		1040	1030	1010	990	960	940	900	850

Note: 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.

AIR HANDLER CHASSIS NOMENCLATURE

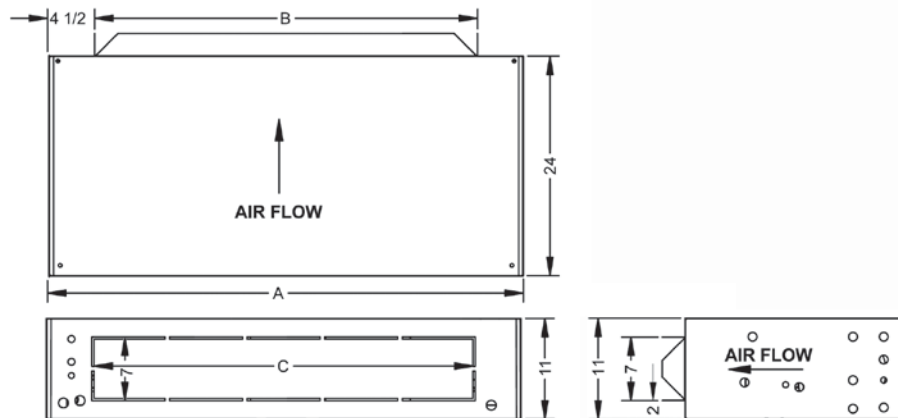
G	A	T	18	G	-001
AirMark Air Handler	<u>Voltage</u> A = 240V PSC Motor B = 120V PSC Motor	<u>Configuration</u> T = Cased Ceiling Mount	Nominal Tonnage (KBTUH)	<u>Metering Device</u> 4 = R410A non-bleed A/C or H/P TXV 6 = R410A 20% bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P TXV F = R22 Flo-rater 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)	<u>Heat Strip</u> 00 = NO Heat 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW

ENCLOSURES DIMENSIONS

UNIT MODEL	A"	B"	C"	Weight (lbs)	Skid Qty.
GAT 18/19/24	40	30	30	125	5
GAT 20/25/30	46	36	36	135	5
GAT 26/31/36	52	42	42	145	5
GAT 28/32/37	60	48	48	155	5



Copper stub out diameter: Suction: 3/4", Liquid: 3/8"

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

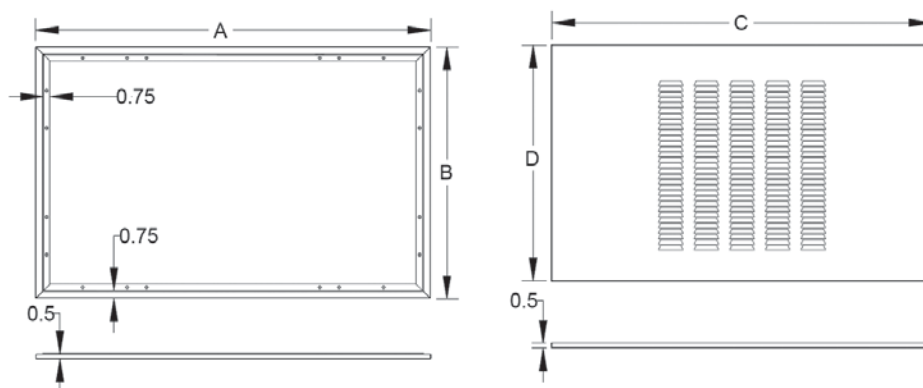
20" x 20" x 1" field supplied.

WARRANTY

One-year limited parts warranty.

ACCESS DOOR DIMENSIONS

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



CAP KIT PART NUMBER

Part Number	Model Number	Enclosure Size
CAP-1	GAT18/19/24	40"X24"X11"
CAP-2	GAT20/25/30	46"X24"X11"
CAP-3	GAT 26/31/36	52"X24"X11"
CAP-4	GAT 28/32/37	60"X24"X11"

Note: CAP kit is an insulated panel that covers the entire bottom opening and is utilized for optional ducted return configuration

WARNING
Cancer and
Reproductive Harm
www.P65Warnings.ca.gov

AIRMARK 

373 Atascocita Rd
Humble, TX 77396
Phone 800.423.9007
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www.airmark-ac.com

GBS
SERIESUNCASED CEILING MOUNT HYDRONIC HEAT
DX COIL AIR HANDLER

Product Dimensions & Specifications



WARRANTY

One year limited parts warranty

OPTIONS

See options menu

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Rev. Date: 03/08/19
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STANDARD FEATURES

- Factory installed service switch
- Factory installed freeze protection
- Rifled copper tube/enhanced aluminum fins DX and hydronic coils for more efficient heat transfer
- Schrader valve on DX and hydronic coils for "hiss-test" leak check
- Low leak cabinet design*

APPLICATION VERSATILITY

Built-in mounting tabs for ceiling or furdow mounting. Compatible with most brands of air conditioners and heat pumps. Optional louvered ceiling access panel has separate frame that attached to ceiling joists. Optional solid ceiling panel available for use with ducted return. Less than 2% air leakage (* when tested in accordance with ASHRAE standard 193 and AirMark installation instructions.)

MOTOR

Direct drive blowers circulate air quietly and efficiently. Multiple speeds allow for precise air volume selection. Air moving system is plated mounted to allow for easy removal and service.

ELECTRONIC CONTROLS

Electronic board controls the functioning of system, increasing system reliability. Standard factory in-

stalled freeze stat wired into circulating pump control circuit. Standard factory installed fan time delay relay for increased efficiency and maximize capacity. Standard factory installed pump cycle timer circulates hot water every four hours to prevent coil freeze during off-cycle.

DX/HYDRONIC COILS

High efficiency rifled copper tube and enhanced aluminum fins provide maximum heat transfer. All coils are immersion tested at 500 PSI and nitrogen charged for maximum reliability. Schrader valve allows for "hiss-test" pre-installation pressure test. Available with factory installed orifice or TXV. Primary and secondary DX condensate drain with 3/4" NPT connections. Powder-painted galvanized drain pan. Certified for use with R22 or R410A. Lead free construction. Hydronic coils suitable for potable water applications.

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.



HEATING AND COOLING PERFORMANCE & ELECTRICAL DATA

MODEL	PERFORMANCE DATA					
	NOMINAL COOLING (BTUS)	HEATING GPM	PRESS. DROP (FT. WTR)	BTU (1000) AT ENTERING WATER TEMPERATURE °F		
				120	140	180
GBS 18	18,000	1	0.7	10.3	14.4	22.6
		2	2.0	12.0	16.8	26.4
		3	3.3	12.9	18.0	28.3
GBS 19/24	24,000	2	2.1	14.7	20.6	32.4
		3	4.1	15.9	22.2	34.9
		4	6.6	16.5	23.1	36.3
GBS 25	24,000	2	2.2	15.7	22.0	34.6
		3	4.3	17.0	23.8	37.4
		4	6.8	17.6	24.7	38.8
GBS 30	30,000	2	2.2	17.3	24.2	38.0
		3	4.3	18.8	26.3	41.3
		4	6.8	19.6	27.5	43.2
GBS 31/36	36,000	2	2.8	19.7	27.6	43.4
		3	5.4	21.7	30.4	47.8
		4	8.5	22.8	31.9	50.1

NOTES: Heat BTUH is at 70 degree EAT. 120 degree and 180 degree data is supplied for boiler applications. Heat BTUH output will not exceed output of water heater.

BLOWER DATA

MODEL	SPEED TAP	AMP	VOLT	HP	CFM VS. STATIC PRESSURE				
					0.1	0.2	0.3	0.4	0.5
GBS 18	HIGH	2.5	120	1/4	820	750	685	615	540
	LOW				715	670	610	555	460
GBS 19/24	HIGH	2.5		1/4	890	825	755	675	605
	LOW				765	715	665	605	520
GBS 25	HIGH	3.8		1/3	975	900	830	745	680
	LOW				900	840	770	690	620
GBS 30	HIGH	2.3		1/5 (2)	1055	965	865	755	605
	LOW				1015	915	815	705	565
GBS 31/36	HIGH	2.3		1/5 (2)	1235	1150	1040	925	830
	LOW				1050	980	900	800	680

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.

GBS 30, GBS31 and GBS 36 have two motors and four blowers.

AIR HANDLER CHASSIS NOMENCLATURE

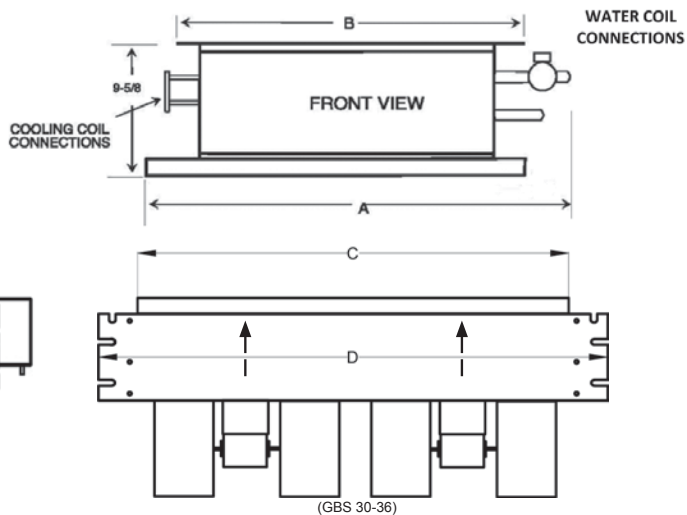
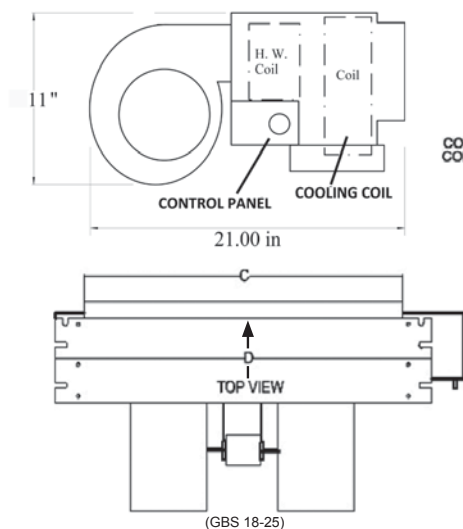
G	B	S	18	G	-001
AirMark Air Handler	Voltage B = 120V PSC Motor	Configuration S = Uncased Ceiling Mount	Nominal Tonnage (KBTUH)	Metering Device 4 = R410A non-bleed A/C or H/P TXV 6 = R410A 20% bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P TXV F = R22 Flo-rater G = R410A Flo-rater X = R22 non-bleed A/C or H/P TXV	Option Code

HYDRONIC HEAT KIT NOMENCLATURE

Z	T	2	S	P
Water Heat Hydronic	Terminal Block	2 = 2 Row Hydronic Coil	GBS 18 - X GBS 19/24 - S GBS - 25/30 - M GBS 31/36 - L	P = Taco 006 Bronze Pump 8 = Taco 008 Bronze Pump L = Less Pump

PHYSICAL DIMENSIONS

UNIT MODEL	A"	B"	C"	D"	Weight (lbs)	Skid Qty.
GBS 18	42	37	30	37	82	8
GBS 19-24	48	43	36	43	93	8
GBS 25	55	50	42	50	101	8
GBS 30	55	50	42	50	121	8
GBS 31-36	62	56	48	56	127	8



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.

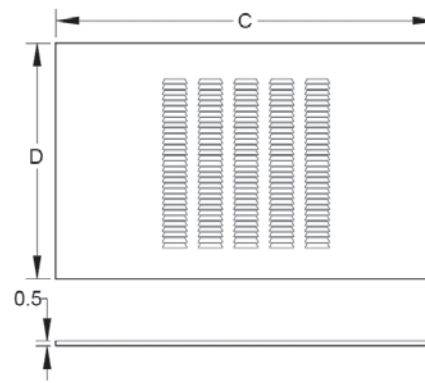
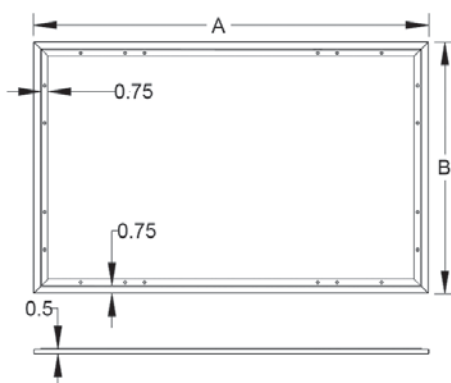
WARRANTY

One-year limited parts warranty.

Copper stub out diameter: DX - Suction: 3/4", Liquid: 3/8";
Hydronic - Water In/Out: 7/8"

ACCESS DOOR DIMENSIONS

FOR USE WITH	PANEL MODEL	GBS ACCESS DOOR AND FRAME				FILTERS (QTY)
		A"	B"	C"	D"	
GBS 18	GAD-7(S/L)	49 1/2	27 1/2	47 1/2	26	1
GBS 19/24	GAD-3(S/L)	55 1/2	27 1/2	53 1/2	26	1
GBS 25/30	GAD-6(S/L)	63-1/2	27 1/2	61-1/2	26	2
GBS 31/36	GAD-4(S/L)	70-1/2	27 1/2	68-1/2	26	2



AIRMARK

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⚠ WARNING
Cancer and
Reproductive Harm
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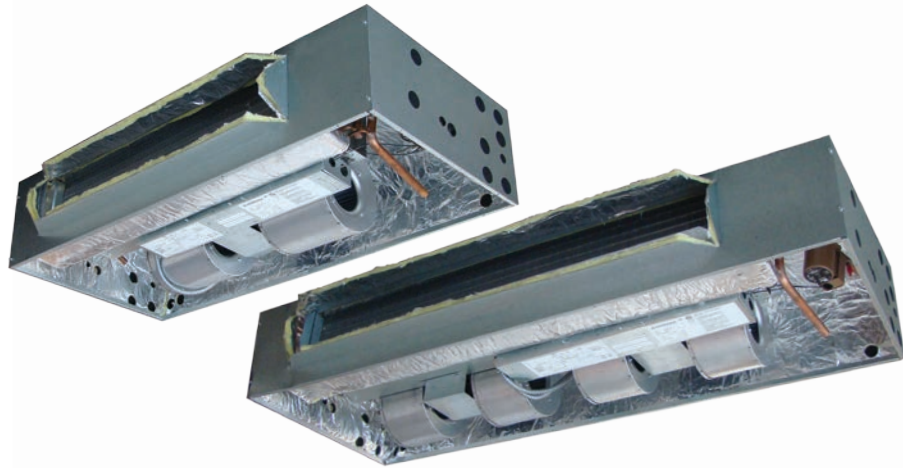
GBT SERIES

CASED CEILING MOUNT HYDRONIC HEAT DX COIL AIR HANDLER

GBT

CEILING MOUNT

Product Dimensions & Specifications



WARRANTY

One year limited parts warranty

OPTIONS

See options menu

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STANDARD FEATURES

- Factory installed service switch
- Factory installed freeze protection
- Rifled copper tube/enhanced aluminum fins DX and hydronic coils for more efficient heat transfer
- Schrader valve on DX and hydronic coils for "hiss-test" leak check
- Low leak cabinet design*

APPLICATION VERSATILITY

Built-in mounting tabs for ceiling or furdawn mounting. Compatible with most brands of air conditioners and heat pumps. Optional louvered ceiling access panel has separate frame that attached to ceiling joists. Optional solid ceiling panel available for use with ducted return. Less than 2% air leakage (* when tested in accordance with ASHRAE standard 193 and AirMark installation instructions.) Fully insulated galvanized steel cabinet with knockout for ducted return.

MOTOR

Direct drive blowers circulate air quietly and efficiently. Multiple speeds allow for precise air volume selection. Air moving system is plated mounted to allow for easy removal and service.

ELECTRONIC CONTROLS

Electronic board controls the functioning of system, increasing system reliability. Standard factory installed freeze stat wired into circulating pump control circuit. Standard factory installed fan time delay relay for increased efficiency and maximize capacity. Standard factory installed pump cycle timer circulates hot water every four hours to prevent coil freeze during off-cycle.

DX/HYDRONIC COILS

High efficiency rifled copper tube and enhanced aluminum fins provide maximum heat transfer. All coils are immersion tested at 500 PSI and nitrogen charged for maximum reliability. Schrader valve allows for "hiss-test" pre-installation pressure test. Available with factory installed orifice or TXV. Primary and secondary DX condensate drain with 3/4" NPT connections. Powder-painted galvanized drain pan. Certified for use with R22 or R410A. Lead free construction. Hydronic coils suitable for potable water applications.

AIRMARK 

HEATING AND COOLING PERFORMANCE & ELECTRICAL DATA

MODEL	PERFORMANCE DATA					
	NOMINAL COOLING (BTUS)	HEATING GPM	PRESS. DROP (FT. WTR)	BTU (1000) AT ENTERING WATER TEMPERATURE °F		
				120	140	180
GBT 18	18,000	1	0.7	10.3	14.4	22.6
		2	2.0	12.0	16.8	26.4
		3	3.3	12.9	18.0	28.3
GBT 19/24	24,000	2	2.1	14.7	20.6	32.4
		3	4.1	15.9	22.2	34.9
		4	6.6	16.5	23.1	36.3
GBT 25	24,000	2	2.2	15.7	22.0	34.6
		3	4.3	17.0	23.8	37.4
		4	6.8	17.6	24.7	38.8
GBT 30	30,000	2	2.2	17.3	24.2	38.0
		3	4.3	18.8	26.3	41.3
		4	6.8	19.6	27.5	43.2
GBT 31/36	36,000	2	2.8	19.7	27.6	43.4
		3	5.4	21.7	30.4	47.8
		4	8.5	22.8	31.9	50.1

NOTES: Heat BTUH is at 70 degree EAT. 120 degree and 180 degree data is supplied for boiler applications. Heat BTUH output will not exceed output of water heater.

BLOWER DATA

UNIT MODEL	RPM	AMP	VOLT	HP	CFM VS. STATIC PRESSURE				
					0.1	0.2	0.3	0.4	0.5
GBT 18	HIGH	2.5	120	1/4	820	750	685	615	540
	LOW				715	670	610	555	460
GBT 19/24	HIGH	2.5		1/4	890	825	755	675	605
	LOW				765	715	665	605	520
GBT 25	HIGH	3.8		1/3	975	900	830	745	680
	LOW				900	840	770	690	620
GBT 30	HIGH	2.3		1/5 (2)	1055	965	865	755	605
	LOW				1015	915	815	705	565
GBT 31/36	HIGH	2.3		1/5 (2)	1235	1150	1040	925	830
	LOW				1050	980	900	800	680

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.

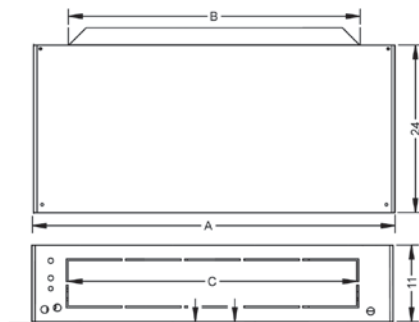
GBT 30, GBT 31 and GBT 36 have two motors and four blowers.

AIR HANDLER CHASSIS NOMENCLATURE

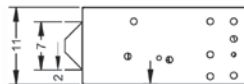
G	B	T	18	G	-001
AirMark Air Handler	<u>Voltage</u> B = 120V PSC Motor	<u>Configuration</u> T = Cased Ceiling Mount	Nominal Tonnage (KBTUH)	<u>Metering Device</u> 4 = R410A non-bleed A/C or H/P TXV 6 = R410A 20% bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P TXV F = R22 Flo-rater G = R410A Flo-rater X = R22 non-bleed A/C or H/P TXV	Option Code

HYDRONIC HEAT KIT NOMENCLATURE

Z	T	2	S	P
Water Heat Hydronic	Terminal Block	2 = 2 Row Hydronic Coil	GBT 18 - X GBT 19/24 - S GBT - 25/30 - M GBT 31/36 - L	P = Taco 006 Bronze Pump 8 = Taco 008 Bronze Pump L = Less Pump



ENCLOSURE DIMENSIONS					
UNIT MODEL	A"	B"	C"	Weight (lbs)	Skid Qty.
GBT 18	46	30	34	110	5
GBT 19-24	52	36	40	125	5
GBT 25	60	42	47	135	5
GBT 30	60	42	47	155	4
GBT 31-36	67	48	55	165	4



Copper stub out diameter: DX - Suction: 3/4", Liquid: 3/8";
Hydronic – Water In/Out: 7/8"

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.

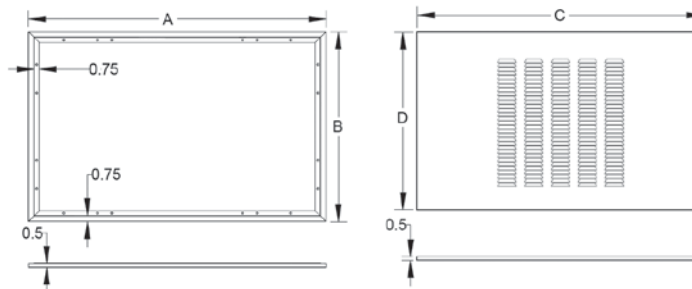
FILTER

20" x 20" x 1" field supplied.

WARRANTY

One-year limited parts warranty.

ACCESS DOOR DIMENSIONS						
FOR USE WITH	PANEL MODEL	GBT ACCESS DOOR AND FRAME				FILTERS (QTY)
		A"	B"	C"	D"	
GBT 18	GAD-7(S/L)	49 1/2	27 1/2	47 1/2	26	1
GBT 19/24	GAD-3(S/L)	55 1/2	27 1/2	53 1/2	26	1
GBT 25/30	GAD-6(S/L)	63-1/2	27 1/2	61-1/2	26	2
GBT 31/36	GAD-4(S/L)	70-1/2	27 1/2	68-1/2	26	2



CAP KIT PART NUMBER		
Part Number	Model Number	Enclosure Size
CAP-5	GBT18	46"X24"X11"
CAP-6	GBT19/24	52"X24"X11"
CAP-7	GBT25/30	60"X24"X11"
CAP-8	GBT31/36	67"X24"X11"

Note: CAP kit is an insulated panel that covers the entire bottom opening and is utilized for optional ducted return configuration

WARNING
Cancer and
Reproductive Harm
www.P65Warnings.ca.gov



373 Atascocita Rd
Humble, TX 77396
Phone 800.423.9007
Fax 281.441.6510
www.airmark-ac.com

GES SERIES

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: 04/23/20
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HIGH EFFICIENCY ECM UNCASED CEILING MOUNT ELECTRIC HEAT DX COOL AIR HANDLER

Product Dimensions & Specifications



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. Automotive-style pull fuse protection on the circuit board to provide low voltage and transformer protection.

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 1/4" 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.

AIRMARK

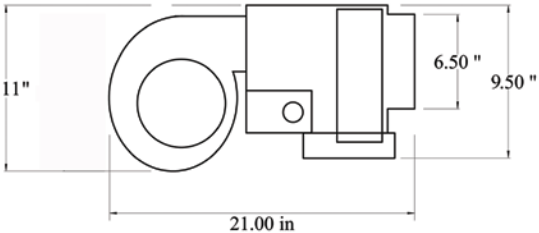
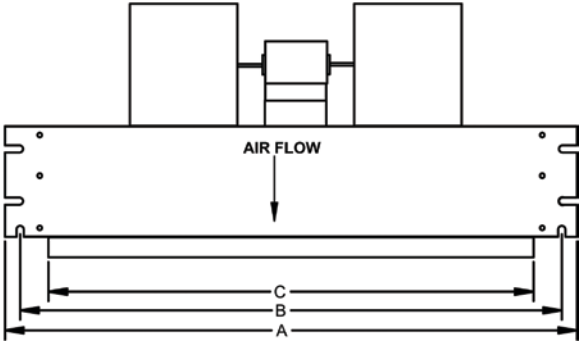
HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA										
MODEL	HEAT KIT	PERFORMANCE DATA					ELECTRICAL DATA			
		NOMINAL COOLING (BTUS)	HEATING KW		HEATING KBTUH		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
			208V	240V	208V	240V	208V	240V	208V	240V
GES 18/19/20	HTS00	18,000	0.0	0.0	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 24/25/26/28	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	<u>Voltage & Motor</u> E = 240V Constant Torque ECM	<u>Configuration</u> S = Uncased Ceiling Mount	Nominal Tonnage (KBTUH)	<u>Metering Device</u> 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)	<u>Heat Strip</u> 00 = NO Heat 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW

UNIT MODEL	TAP	MOTOR HP	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4
GES 18/19/24	T5	1/2	925	900	875	850	830	805	785	765
	T4		855	840	825	805	785	760	732.5	705
	T3		825	805	785	760	735	705	685	665
	T2		725	705	685	665	640	615	600	580
	T1		680	655	630	605	580	555	530	500
GES 20	T5		950	925	900	875	850	825	800	770
	T4		885	860	835	805	775	745	725	705
	T3		855	825	795	765	735	705	680	655
	T2		790	765	740	715	685	655	630	605
	T1		735	705	675	650	630	605	580	555
GES 25	T5		1000	975	950	925	900	875	855	835
	T4		940	915	890	865	840	815	800	780
	T3		885	865	845	825	805	780	755	730
	T2		825	805	785	760	730	695	675	655
	T1		755	730	705	675	645	615	590	565
GES 26/31	T5		1205	1180	1155	1130	1100	1070	1045	1015
	T4		1145	1115	1085	1060	1040	1015	985	950
	T3		1045	1015	985	950	925	900	880	860
	T2		940	910	880	850	825	795	770	745
	T1		850	815	780	745	715	685	665	640
GES 28/32	T5		1245	1220	1195	1165	1140	1115	1090	1060
	T4		1160	1140	1120	1100	1080	1060	1030	1000
	T3		1035	1010	985	965	940	910	885	860
	T2		895	885	875	860	820	775	755	735
	T1		840	815	790	765	735	705	685	665
GES 30/36	T5		1220	1195	1170	1140	1115	1085	1065	1045
	T4		1140	1115	1090	1060	1040	1015	990	965
	T3		1025	1000	975	950	925	895	875	850
	T2		950	920	890	860	835	805	775	745
	T1		840	815	790	760	730	700	670	640
GES 37	T5		1335	1305	1285	1255	1225	1195	1160	1130
	T4		1260	1230	1195	1165	1140	1115	1090	1070
	T3		1160	1130	1110	1085	1065	1040	1020	1000
	T2		1075	1045	1010	980	960	935	920	900
	T1		965	935	910	885	850	810	795	775

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

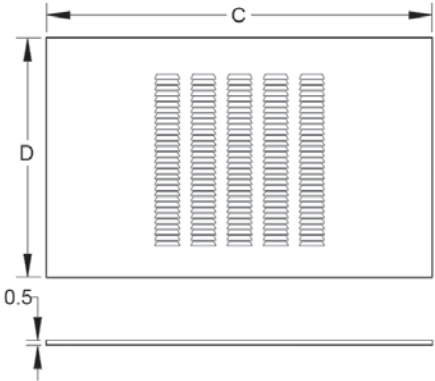
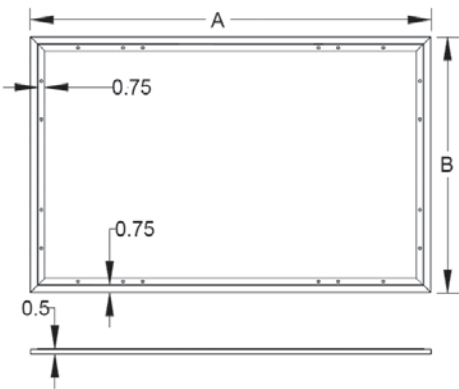


Copper stub out diameter: Suction: 3/4", Liquid: 3/8"

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				FILTERS (QTY)
		A"	B"	C"	D"	
GES 18/19/24	GAD-1(S/L)	43-1/2	27-1/2	41-1/2	26	1
GES 20/25	GAD-5(S/L)	49-1/2	27-1/2	47-1/2	26	2
GES 26/30/31/36	GAD-2(S/L)	55-1/2	27-1/2	53-1/2	26	2
GES 28/32/37	GAD-6(S/L)	63-1/2	27-1/2	61-1/2	26	2



⚠

WARNING

Cancer and Reproductive Harm
www.P65Warnings.ca.gov

AIRMARK

373 Atascocita Rd
 Humble, TX 77396
 Phone 800.423.9007
 Fax 281.441.6510
www.airmark-ac.com

GET
SERIES

WARRANTY

One year limited parts warranty

OPTIONS

See options menu

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



Rev. Date: 01/13/20
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HIGH EFFICIENCY ECM CASED CEILING MOUNT ELECTRIC HEAT DX COOL AIR HANDLER

Product Dimensions & Specifications



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.

LOW LEAKAGE CABINET

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

ELECTRONIC CIRCUIT BOARD

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

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. Easily accessible controls for quick service.

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" NPT. Powder-painted metal drain pan. Access door allows for coil cleaning. Certified for use with either R22 or R410A.

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
GET 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	20.0
	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
GET 24/25/26/28	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	20.0
	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
GET 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	20.0
	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
GET 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	20.0
	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

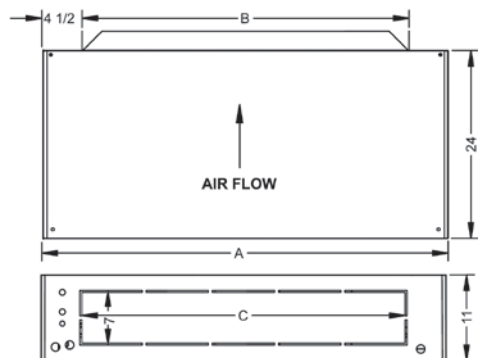
AIR HANDLER CHASSIS NOMENCLATURE					
G	E	T	18	G	-001
AirMark Air Handler	Voltage & Motor E = 208- 240V Constant Torque ECM	Configuration T = Cased Ceiling Mount	Nominal Tonnage (KBTUH)	Metering Device 4 = R410A non-bleed A/C or H/P TXV 6 = R410A 20% bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P 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 HP	BHP	CFM VS. STATIC PRESSURE									
				0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.50
GET 18/19	T5*	1/2	0.27	925	900	875	850	830	805	785	765	705	650
	T4		0.20	855	840	825	805	785	760	732.5	705	650	595
	T3		0.18	825	805	785	760	735	705	685	665	615	565
	T2		0.14	725	705	685	665	640	615	600	580	535	495
	T1		0.10	680	655	630	605	580	555	530	500	465	425
GET 20/24	T5*		0.28	950	925	900	875	850	825	800	770	710	655
	T4		0.20	885	860	835	805	775	745	725	705	650	600
	T3		0.20	855	825	795	765	735	705	680	655	600	550
	T2		0.18	790	765	740	715	685	655	630	605	560	515
	T1		0.14	735	705	675	650	630	605	580	555	510	470
GET 25	T5*		0.31	1000	975	950	925	900	875	855	835	775	710
	T4		0.28	940	915	890	865	840	815	800	780	720	660
	T3		0.21	885	865	845	825	805	780	755	730	675	620
	T2		0.20	825	805	785	760	730	695	675	655	605	560
	T1		0.14	755	730	705	675	645	615	590	565	525	480
GET 26/31	T5*		0.35	1205	1180	1155	1130	1100	1070	1045	1015	930	860
	T4		0.31	1145	1115	1085	1060	1040	1015	985	950	880	810
	T3		0.29	1045	1015	985	950	925	900	880	860	800	730
	T2		0.22	940	910	880	850	825	795	770	745	680	630
	T1		0.20	850	815	780	745	715	685	665	640	590	545
GET 28/32	T5*		0.45	1245	1220	1195	1165	1140	1115	1090	1060	980	900
	T4		0.35	1160	1140	1120	1100	1080	1060	1030	1000	925	850
	T3		0.31	1035	1010	985	965	940	910	885	860	800	730
	T2		0.27	895	885	875	860	820	775	755	735	680	625
	T1		0.25	840	815	790	765	735	705	685	665	615	565
GET 30/36	T5*		0.42	1220	1195	1170	1140	1115	1085	1065	1050	970	890
	T4		0.33	1140	1115	1090	1060	1040	1015	990	965	894	820
	T3		0.27	1025	1000	975	950	925	895	875	850	785	725
	T2		0.25	950	920	890	860	835	805	775	745	690	630
	T1		0.23	840	815	790	760	730	700	670	640	590	545
GET 37	T5*		0.48	1335	1305	1285	1255	1225	1195	1160	1130	1045	960
	T4		0.31	1260	1230	1195	1165	1140	1115	1090	1070	990	910
	T3		0.29	1160	1130	1110	1085	1065	1040	1020	1000	925	850
	T2		0.27	1075	1045	1010	980	960	935	920	900	830	765
	T1		0.21	965	935	910	885	850	810	795	775	715	650

* Default factory speed setting



ENCLOSURES DIMENSIONS

UNIT MODEL	A"	B"	C"	Weight (lbs)	Skid Qty.
GET 18/19/24	40	30	30	135	5
GET 20/25	46	36	36	145	5
GET 26/30/31/36	52	42	42	155	5
GET 28/32/37	60	48	48	175	5



Copper stub out diameter: Suction: 3/4", Liquid: 3/8"

KNOCKOUT FOR DUCTED RETURN
(Ducted return requires remote filter grille (field supplied) and non-louvered panel)

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.

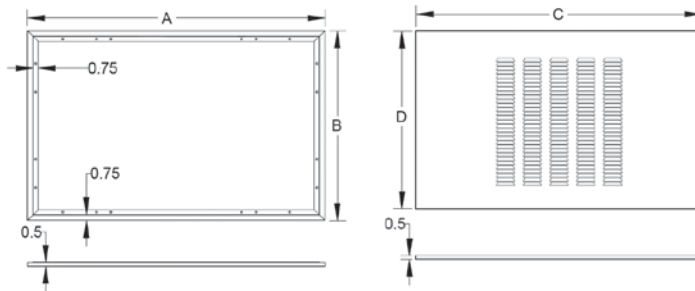
FILTER

20" x 20" x 1" field supplied.

WARRANTY

One-year limited parts warranty.

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



CAP KIT PART NUMBER		
Part Number	Model Number	Enclosure Size
CAP-1	GET18/19/24	40"X24"X11"
CAP-2	GET20/25	46"X24"X11"
CAP-3	GET 26/30/31/36	52"X24"X11"
CAP-4	GET 28/32/37	60"X24"X11"

Note: CAP kit is an insulated panel that covers the entire bottom opening and is utilized for optional ducted return configuration

WARNING
Cancer and
Reproductive Harm
www.P65Warnings.ca.gov



373 Atascocita Rd
Humble, TX 77396
Phone 800.423.9007
Fax 281.441.6510
www.airmark-ac.com

GFS
SERIES

WARRANTY

One year limited parts warranty

OPTIONS

See options menu

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



Rev. Date: 03/08/19
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UNCASED CEILING MOUNT HYDRONIC HEAT
HIGH EFFICIENCY ECM
DX COIL AIR HANDLER

Product Dimensions & Specifications



STANDARD FEATURES

- Factory installed service switch
- Factory installed freeze protection
- Rifled copper tube/enhanced aluminum fins DX and hydronic coils for more efficient heat transfer
- Schrader valve on DX and hydronic coils for "hiss-test" leak check
- Low leak cabinet design*

APPLICATION VERSATILITY

Built-in mounting tabs for ceiling or furdow mounting. Compatible with most brands of air conditioners and heat pumps. Optional louvered ceiling access panel has separate frame that attached to ceiling joists. Optional solid ceiling panel available for use with ducted return. Less than 2% air leakage (* when tested in accordance with ASHRAE standard 193 and AirMark installation instructions.)

MOTOR

Constant torque ECM speeds and torques are controlled by embedded motor software and factory pre-programmed. Direct drive blowers circulate air quietly and efficiently. Air moving system is plated mounted to allow for easy removal and service.

ELECTRONIC CONTROLS

Electronic board controls the functioning of system, increasing system reliability. Standard factory in-

stalled freeze stat wired into circulating pump control circuit. Standard factory installed fan time delay relay for increased efficiency and maximize capacity. Standard factory installed pump cycle timer circulates hot water every four hours to prevent coil freeze during off-cycle.

DX/HYDRONIC COILS

High efficiency rifled copper tube and enhanced aluminum fins provide maximum heat transfer. All coils are immersion tested at 500 PSI and nitrogen charged for maximum reliability. Schrader valve allows for "hiss-test" pre-installation pressure test. Available with factory installed orifice or TXV. Primary and secondary DX condensate drain with 3/4" NPT connections. Powder-painted galvanized drain pan. Certified for use with R22 or R410A. Lead free construction. Hydronic coils suitable for potable water applications.

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.



HEATING AND COOLING PERFORMANCE & ELECTRICAL DATA

MODEL	PERFORMANCE DATA					
	NOMINAL COOLING (BTUS)	HEATING GPM	PRESS. DROP (FT. WTR)	BTU (1000) AT ENTERING WATER TEMPERATURE °F		
				120	140	180
GFS 18	18,000	1	0.7	10.3	14.4	22.6
		2	2.0	12.0	16.8	26.4
		3	3.3	12.9	18.0	28.3
GFS 19/24	24,000	2	2.1	14.7	20.6	32.4
		3	4.1	15.9	22.2	34.9
		4	6.6	16.5	23.1	36.3
GFS 25	24,000	2	2.2	15.7	22.0	34.6
		3	4.3	17.0	23.8	37.4
		4	6.8	17.6	24.7	38.8
GFS 30	30,000	2	2.2	17.3	24.2	38.0
		3	4.3	18.8	26.3	41.3
		4	6.8	19.6	27.5	43.2
GFS 31/36	36,000	2	2.8	19.7	27.6	43.4
		3	5.4	21.7	30.4	47.8
		4	8.5	22.8	31.9	50.1

NOTES: Heat BTUH is at 70 degree EAT. 120 degree and 180 degree data is supplied for boiler applications. Heat BTUH output will not exceed output of water heater.

BLOWER DATA

UNIT MODEL	SPEED TAP	MOTOR AMPS	MOTOR BHP	MOTOR HP	CFM VS. STATIC PRESSURE				
					0.1	0.2	0.3	0.4	0.5
GFS18	HIGH	2.7	0.20	1/2	770	730	700	670	640
	MEDIUM	2.2	0.17		715	680	640	610	580
	LOW	1.6	0.12		585	540	490	465	415
GFS19/24	HIGH	3.2	0.24		950	915	875	830	800
	MEDIUM	2.6	0.20		820	780	745	710	670
	LOW	2.2	0.17		700	675	630	590	545
GFS25	HIGH	3.9	0.29		1005	965	920	850	780
	MEDIUM	2.7	0.20		845	795	755	720	680
	LOW	2.2	0.17		765	710	665	635	600
GFS30	HIGH	4.7	0.36		1180	1155	1100	1040	980
	MEDIUM	3.4	0.26		1085	1040	995	965	920
	LOW	3.2	0.24		1030	965	935	885	845
GFS31/36	HIGH	5.9	0.45	1/2(2)	1455	1375	1285	1195	1105
	MEDIUM	4.7	0.36		1300	1245	1185	1150	1075
	LOW	3.6	0.27			1030	975	915	860

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.

GFS 31 and GFS 36 have two motors and four blowers.

AIR HANDLER CHASSIS NOMENCLATURE

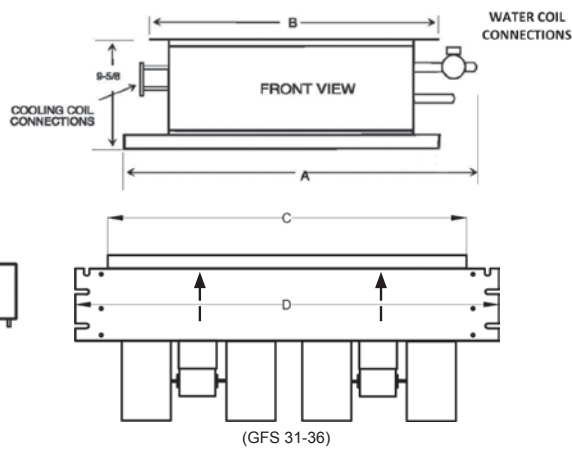
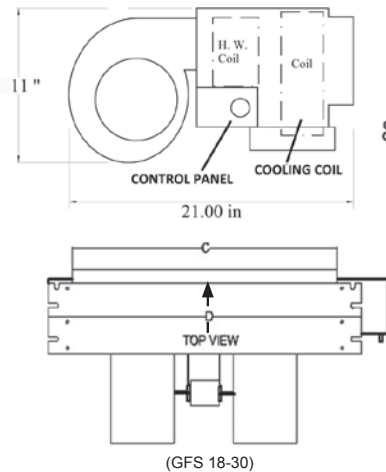
G	F	S	18	G	-001
AirMark Air Handler	F=120V Constant Torque ECM Motor	<u>Configuration</u> S= Uncased Ceiling Mount	Nominal Tonnage (KBTUH)	<u>Metering Device</u> 4 = R410A non-bleed A/C or H/P TXV 6 = R410A 20% bleed A/C or H/P TXV B = R22 20% bleed A/C or H/P TXV F = R22 Flo-rater G = R410A Flo-rater X = R22 non-bleed A/C or H/P TXV	Option Code

HYDRONIC HEAT KIT NOMENCLATURE

Z	T	2	S	P
Water Heat Hydronic	Terminal Block	2 = 2 Row Hydronic Coil	GFS 18 - X GFS 19/24 - S GFS - 25/30 - M GFS 31/36 - L	P = Taco 006 Bronze Pump 8 = Taco 008 Bronze Pump L = Less Pump

PHYSICAL DIMENSIONS

UNIT MODEL	A"	B"	C"	D"	Weight (lbs)	Skid Qty.
GFS 18	42	37	30	37	86	8
GFS 19-24	48	43	36	43	97	8
GFS 25	55	50	42	50	105	8
GFS 30	55	50	42	50	125	8
GFS 31-36	62	56	48	56	135	8



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.

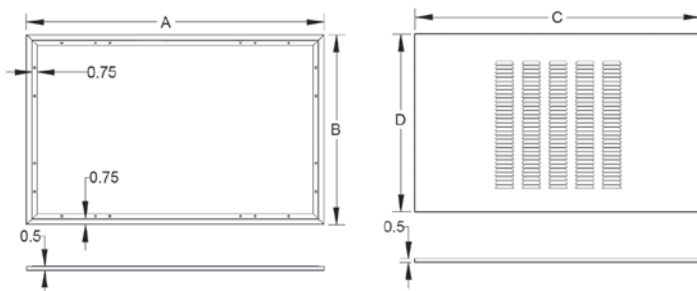
WARRANTY

One-year limited parts warranty.

Copper stub out diameter: DX - Suction: 3/4", Liquid: 3/8";
Hydronic - Water In/Out: 7/8"

ACCESS DOOR DIMENSIONS

FOR USE WITH	PANEL MODEL	GFS ACCESS DOOR AND FRAME				FILTERS (QTY)
		A"	B"	C"	D"	
GFS 18	GAD-7(S/L)	49 1/2	27 1/2	47 1/2	26	1
GFS 19/24	GAD-3(S/L)	55 1/2	27 1/2	53 1/2	26	1
GFS 25/30	GAD-6(S/L)	63-1/2	27 1/2	61-1/2	26	2
GFS 31/36	GAD-4(S/L)	70-1/2	27 1/2	68-1/2	26	2



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GFT SERIES

WARRANTY

One year limited parts warranty

OPTIONS

See options menu

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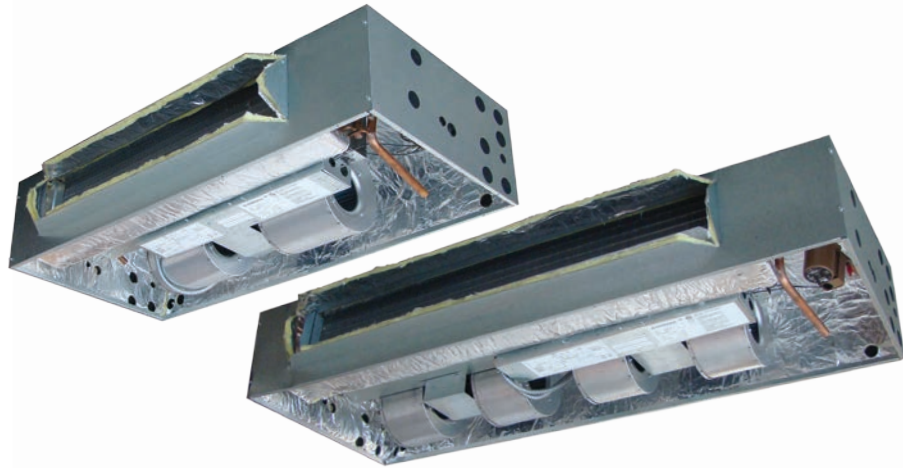


Rev. Date: 03/08/19

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CASED CEILING MOUNT HYDRONIC HEAT HIGH EFFICIENCY ECM DX COIL AIR HANDLER

Product Dimensions & Specifications



STANDARD FEATURES

- Factory installed service switch
- Factory installed freeze protection
- Rifled copper tube/enhanced aluminum fins DX and hydronic coils for more efficient heat transfer
- Schrader valve on DX and hydronic coils for "hiss-test" leak check
- Low leak cabinet design*

APPLICATION VERSATILITY

Built-in mounting tabs for ceiling or furdow mounting. Compatible with most brands of air conditioners and heat pumps. Optional louvered ceiling access panel has separate frame that attached to ceiling joists. Optional solid ceiling panel available for use with ducted return. Less than 2% air leakage (* when tested in accordance with ASHRAE standard 193 and AirMark installation instructions.) Fully insulated galvanized steel cabinet with knockout for ducted return.

MOTOR

Constant torque ECM speeds and torques are controlled by embedded motor software and factory pre-programmed. Direct drive blowers circulate air quietly and efficiently. Air moving system is plated mounted to allow for easy removal and service.

ELECTRONIC CONTROLS

Electronic board controls the functioning of system, increasing system reliability. Standard factory installed freeze stat wired into circulating pump control circuit. Standard factory installed fan time delay relay for increased efficiency and maximize capacity. Standard factory installed pump cycle timer circulates hot water every four hours to prevent coil freeze during off-cycle.

DX/HYDRONIC COILS

High efficiency rifled copper tube and enhanced aluminum fins provide maximum heat transfer. All coils are immersion tested at 500 PSI and nitrogen charged for maximum reliability. Schrader valve allows for "hiss-test" pre-installation pressure test. Available with factory installed orifice or TXV. Primary and secondary DX condensate drain with 3/4" NPT connections. Powder-painted galvanized drain pan. Certified for use with R22 or R410A. Lead free construction. Hydronic coils suitable for potable water applications.



GFT

CEILING MOUNT

HEATING AND COOLING PERFORMANCE & ELECTRICAL DATA

MODEL	PERFORMANCE DATA					
	NOMINAL COOLING (BTUS)	HEATING GPM	PRESS. DROP (FT. WTR)	BTU (1000) AT ENTERING WATER TEMPERATURE °F		
				120	140	180
GFT 18	18,000	1	0.7	10.3	14.4	22.6
		2	2.0	12.0	16.8	26.4
		3	3.3	12.9	18.0	28.3
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		3	4.3	17.0	23.8	37.4
		4	6.8	17.6	24.7	38.8
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		4	6.8	19.6	27.5	43.2
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		3	5.4	21.7	30.4	47.8
		4	8.5	22.8	31.9	50.1

NOTES: Heat BTUH is at 70 degree EAT. 120 degree and 180 degree data is supplied for boiler applications. Heat BTUH output will not exceed output of water heater.

BLOWER DATA

UNIT MODEL	SPEED TAP	MOTOR AMPS	MOTOR BHP	MOTOR HP	CFM VS. STATIC PRESSURE				
					0.1	0.2	0.3	0.4	0.5
GFT18	HIGH	2.7	0.20	1/2	770	730	700	670	640
	MEDIUM	2.2	0.17		715	680	640	610	580
	LOW	1.6	0.12		585	540	490	465	415
GFT19/24	HIGH	3.2	0.24		950	915	875	830	800
	MEDIUM	2.6	0.20		820	780	745	710	670
	LOW	2.2	0.17		700	675	630	590	545
GFT25	HIGH	3.9	0.29		1005	965	920	850	780
	MEDIUM	2.7	0.20		845	795	755	720	680
	LOW	2.2	0.17		765	710	665	635	600
GFT30	HIGH	4.7	0.36		1180	1155	1100	1040	980
	MEDIUM	3.4	0.26		1085	1040	995	965	920
	LOW	3.2	0.24		1030	965	935	885	845
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	MEDIUM	4.7	0.36		1300	1245	1185	1150	1075
	LOW	3.6	0.27			1030	975	915	860

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.

GFT 31 and GFT 36 have two motors and four blowers.

AIR HANDLER CHASSIS NOMENCLATURE

G	F	T	18	G	-001
AirMark Air Handler	F=120V Constant Torque ECM Motor	Configuration T = Cased 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

HYDRONIC HEAT KIT NOMENCLATURE				
Z	T	2	S	P
Water Heat Hydronic	Terminal Block	2 = 2 Row Hydronic Coil	GFT 18 - X GFT 19/24 - S GFT - 25/30 - M GFT 31/36 - L	P = Taco 006 Bronze Pump 8 = Taco 008 Bronze Pump L = Less Pump

ENCLOSURE DIMENSIONS					
UNIT MODEL	A"	B"	C"	Weight (lbs)	Skid Qty.
GFT 18	46	30	34	115	5
GFT 19-24	52	36	40	130	5
GFT 25-30	60	42	47	140	5
GFT 31-36	67	48	55	170	4

Copper stub out diameter: DX - Suction: 3/4", Liquid: 3/8";
Hydronic – Water In/Out: 7/8"

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	GFT ACCESS DOOR AND FRAME				FILTERS (QTY)
		A"	B"	C"	D"	
GFT 18	GAD-7(S/L)	49 1/2	27 1/2	47 1/2	26	1
GFT 19/24	GAD-3(S/L)	55 1/2	27 1/2	53 1/2	26	1
GFT 25/30	GAD-6(S/L)	63-1/2	27 1/2	61-1/2	26	2
GFT 31/36	GAD-4(S/L)	70-1/2	27 1/2	68-1/2	26	2

CAP KIT PART NUMBER		
Part Number	Model Number	Enclosure Size
CAP-5	GFT18	46"X24"X11"
CAP-6	GFT19/24	52"X24"X11"
CAP-7	GFT25/30	60"X24"X11"
CAP-8	GFT31/36	67"X24"X11"

Note: CAP kit is an insulated panel that covers the entire bottom opening and is utilized for optional ducted return configuration

⚠ WARNING
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IAQ SERIES

WARRANTY

One year limited parts warranty

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without notice.



Rev. Date: 08/30/18
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INDOOR AIR QUALITY CEILING ACCESS PANELS

Product Dimensions & Specifications



PERFORMANCE

- Design provides reduced pressure drop and static resistance over panel, which increases return airflow.
- Beneficial for Title 24 applications and HERS testing where return airflow can be a challenge.

FLEXIBILITY

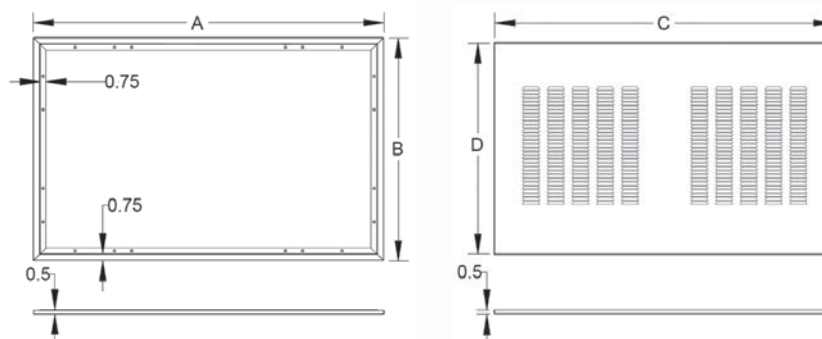
- One or two inch filters can be used with these panels to increase air filtration efficiency and indoor air quality.

CONSTRUCTION

- Robust galvanized steel construction with smooth powder coat finish.
- Hinged door panel for easy access to air handler and filter(s).
- Equipped with hidden frame feature, where frame screws are not visible after installation.

IAQ PANEL DIMENSIONS

FOR USE WITH				PANEL MODEL	IAQ PANEL DOOR AND FRAME				FILTER QTY	FILTER SIZE
GA(S/T)	GE(S/T)	GB(S/T)	GF(S/T)		A	B	C	D		
18/19/24	18/19/24	-	-	IAQ-1	43-1/2	27-1/2	41-1/2	26	1	20 X 30
20/25/30	20/25	18	18	IAQ-2	49-1/2	27-1/2	47-1/2	26	2	20 X 20
26/31/36	26/30/31/36	19/24	19/24	IAQ-3	55-1/2	27-1/2	53-1/2	26	2	20 X 20
28/32/37	28/32/37	25/30	25/30	IAQ-4	63-1/2	27-1/2	61-1/2	26	2	20 X 25
-	-	31/36	31/36	IAQ-5	70-1/2	27-1/2	68-1/2	26	2	20 X 30



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www.airmark-ac.com

SG SERIES

SERVICE COILS

SG

COILS

STANDARD SPECIFICATIONS

- Service coils for indoor coil replacement only
- AC and Heat Pump compatible
- Rifled copper tubing, aluminum fins
- Immersion tested at 500 psi, then nitrogen-pressurized and sealed
- Left or right hand refrigerant and plumbing connections
- Liquid line refrigerant connections 3/8", suction line 3/4" on 24-36, 7/8" on 42-60
- Supplied with pistons for both R410A and R22 applications
- Schrader mounted on suction manifold for TXV installation
- Heavy duty plastic drain pans
- 5 year limited warranty

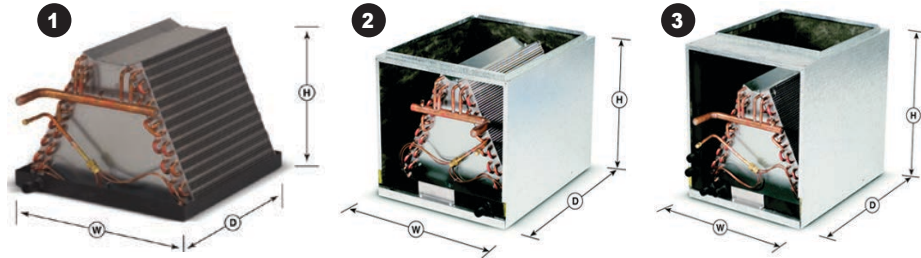
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For complete warranty details visit
www.airmark-ac.com.

Rev. Date: 08/14/19
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Product Dimensions & Specifications



	COIL MODEL	DIMENSIONS					SHIPPING	
		WIDTHS (W)			DEPTH (D)	HEIGHT (H)	WEIGHT	SKID QTY
Uncased 1	SGA24	13	16		19 3/8	11 1/2	15	30
	SGA30	13	16		19 3/8	13 1/2	17	30
	SGA36	13	16		19 3/8	15 1/2	19	25
	SGA42		16	19.5	19 3/8	17 1/2	23	25
	SGA48		16	19.5	19 3/8	19 1/2	25	20
	SGA60			19.5	19 3/8	21 1/2	28	20
Cased Upflow/ Downflow 2	SGC24	14	17.5		21 1/2	13	27	20
	SGC30	14	17.5		21 1/2	15	29	20
	SGC36	14	17.5		21 1/2	17	31	16
	SGC42		17.5	21	21 1/2	19	37	16
	SGC48		17.5	21	21 1/2	21	38	12
	SGC60			21	21 1/2	23	42	12
Cased Multi- Position 3	SGE24	14	17.5		21 1/2	13	29	20
	SGE30	14	17.5		21 1/2	15	31	20
	SGE36	14	17.5		21 1/2	17	33	16
	SGE42		17.5	21	21 1/2	19	39	16
	SGE48		17.5	21	21 1/2	21	40	12
	SGE60			21	21 1/2	23	44	12

Note: Do not use heavy duty plastic drain pans on oil furnaces or other applications where outlet temperatures may exceed 290°F

SERVICE COILS NOMENCLATURE

SG	C	24	-145	L
AirMark Service Coil	Configuration A - Uncased up/down C - Cased up/down E - Cased multi-position	Size 24-60	Width A - Drain pan width C/E - Furnace width	Piping L - Left Hand R - Right Hand

AIRMARK

373 Atascocita Rd
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AIRMARK MANUFACTURING TERMS AND CONDITIONS

APPLICABILITY: These terms and conditions ("Terms") apply to all sales of products by AirMark Manufacturing ("AirMark") and the performance of any services by AirMark to the buyer designated in the attached quotation or order confirmation. No other terms apply, and all other terms included in any documents provided by buyer (or otherwise alleged by buyer to apply) are expressly rejected. If these Terms are included in an order confirmation, then such confirmation is not an acceptance of buyer's terms but is a counteroffer expressly conditioned on acceptance of these Terms without additional or conflicting terms. Any modification or waiver of any of these Terms must be in writing signed by the parties.

PAYMENT TERMS: Payment terms are 1% 10 days, net 30 days from invoice date. A finance charge of 1-1/2% or the maximum allowed by law will be assessed on all past due amounts. All orders are subject to a minimum \$20 billing. All orders payable in US funds.

FREIGHT TERMS: All shipments are F.O.B. Humble TX, freight prepaid and added to the invoice. "Will Call" orders will not be assessed freight charges, regardless of size.

FREIGHT CHARGES: All accessorial charges assessed by the freight company, including drop charges, detention charges, lift gate charges, etc., will be passed on to the buyer.

DROP SHIPMENTS: There is a three-drop limit per truckload, with a 50-unit minimum per drop.

POOLING ORDERS: AirMark will group orders together whenever possible in order to minimize freight charges. Doing so will not incur future obligation.

METHOD OF SHIPMENT: In lieu of shipping instructions, AirMark shall select the freight carrier.

BUYER DELAYED DELIVERIES: Product shipment cannot be delayed beyond a requested or agreed to delivery date once production has begun. If buyer cannot or will not accept delivery as scheduled, AirMark will charge a storage fee of \$75.00 per day for each truckload or partial truckload that remains in AirMark's shipping facility. Buyer agrees to promptly direct such merchandise to be shipped to a secondary location if possible in order to minimize such charges.

WARRANTY: AirMark warrants all merchandise is accordance with its standard product warranties, copies of which are available on request. AirMark's warranty varies according to product. Buyer should consult the warranty documents relevant to the products he is purchasing. **ALL OTHER WARRANTIES ARE EXPRESSLY DISCLAIMED.**

ORDER AND LINE ITEM MINIMUMS: The minimum order quantity is fifty units. The minimum line item quantity is ten.

RECEIPT OF SHIPMENT: Risk of loss of merchandise sold by AirMark transfers to buyer when AirMark tenders such merchandise to the carrier for delivery to buyer or its designee. AirMark's Bill of Lading is acknowledgment by the freight carrier that they have accepted the shipment in good condition. Responsibility for shipment is the carrier's. Damaged merchandise must be reported to the carrier directly by the buyer. The buyer should insist that such damages are itemized on the freight bill. Deductions for damage will not be allowed because AirMark's responsibility ends with consignment to the carrier. If there are shortages, they should be noted on the freight bill and the carrier should be notified immediately. AirMark must receive notification of shortages within 24 hours of receipt of shipment.

RETURN POLICY: No merchandise will be accepted for return unless accompanied by a preauthorized AirMark return authorization tag. Credits for new material accepted for return will be at the original sales price or current market price, whichever is lower, less handling and restocking charges of 20%. Buyer must prepay all return transportation charges. No goods will be accepted for return more than six months after shipment unless under warranty. Obsolete products or products made to special order are not returnable.

ORDER ACCEPTANCE: All orders must be in writing and are subject to acceptance by AirMark. A purchase order number must appear on all orders. No agent, salesman, or other representative, has any authority to waive, alter, or enlarge these standard terms, unless authorized in writing by an officer of AirMark.

CHANGE ORDERS: Change orders cannot be accepted during the order freeze period. The length of this period is usually two weeks, but may vary. For current status of the freeze period contact your AirMark representative. Quantity increases and line item additions will usually be acceptable.

ORDER CANCELLATION: Notice of partial or total cancellations of orders by the buyer must be received by AirMark in writing in advance of the start of production. No partial or total cancellations will be effective after production starts, unless agreed by AirMark in writing.

CREDIT APPROVAL: If, during the performance hereof, the financial responsibility of buyer is determined at the sole discretion of AirMark's Credit Department to be unacceptable or if buyer fails to make any payments in accordance with the terms hereof, AirMark may defer or decline to make any shipments hereunder except upon receipt of Cash payments in advance, or AirMark may terminate this order without further obligation of AirMark to buyer.

TAXES: Any direct or excise tax which may now or hereafter be imposed by federal or state government or any subdivision thereof or other governmental authority upon the manufacture, sale, or delivery of the goods covered by this order may be added by AirMark to the purchase price of such goods, and if so added, shall be paid by the buyer.

CREDITS: Accounting credits expire one year from date of issuance. Credits can only be applied toward the purchase of AirMark equipment (not parts). Cash reimbursement for credits in lieu of equipment purchases is not allowed.

DELIVERY DATES: Any delivery dates, which may be indicated, are estimates only and are not guaranteed.

Buyer's requested delivery date is considered to be approximate and subject to AirMark's acceptance.

PROPERTY DAMAGE: In case of product failure resulting in property damage, the factory should be contacted as soon as possible. No corrective action should be taken without prior written authorization from the factory.

PRODUCT CHANGES: AirMark reserves the right to change specifications, design and material in the interest of product improvement, without incurring obligation to the buyer.

FORCE MAJEURE: AirMark is not liable for delays or defaults in performance when due to acts of God, including fire, floods, wind, storm, labor disorders, strikes, work stoppages or other labor trouble, accidents, riots, civil commotion, terrorist acts or threats, closing of the public highways, and other contingencies beyond the reasonable control of AirMark.

GOVERNING LAW: These Terms and all sales of products by AirMark and the performance of any services by AirMark to the buyer, and any disputes arising in connection therewith, are governed by the laws of the state of Texas, excluding its conflicts of laws provisions, and the parties submit to exclusive jurisdiction in the federal or state courts located in Harris County, Texas, for resolution of all such disputes, and agree that venue is proper and convenient in such forum. These Terms shall not be governed by the United Nations Convention of Contracts for the International Sale of Goods, the application of which is expressly excluded.

LIMITATIONS: IN NO EVENT SHALL AIRMARK BE LIABLE TO BUYER OR ITS AFFILIATES OR CUSTOMERS FOR INCIDENTAL, SPECIAL, EXEMPLARY, PUNITIVE, OR CONSEQUENTIAL DAMAGES, SUCH AS LOST PROFITS AND LOST BUSINESS OPPORTUNITIES, EVEN IF SUCH DAMAGES WERE REASONABLY FORESEEABLE AND EVEN IF NOTICE WAS GIVEN OF THE POSSIBILITY OF SUCH DAMAGES.



Our Mission

Airmark™ is a newly developed line of air conditioning products designed to give you the competitive edge in today's multi-family construction industry. Our products are designed and tested by experienced engineers with intense focus on the value of quick, seamless installations.

Your deadlines are our priority.

Customer Experience

We are devoted to building a solid, trusting relationship with every single customer.

We are dedicated to making your experience not only exceptional, but EASY.

With us, it's not business, it's personal.

Your Bottom Line

With products that are easy to order, easy to install and easy on your budget, your competitive edge just got a whole lot sharper.

Sharpen your Competitive Edge

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