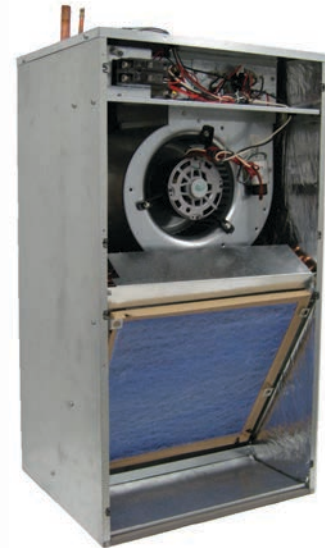


# GAW SERIES

## VERTICAL WALL MOUNT ELECTRIC HEAT DX COIL AIR HANDLERS

### Product Dimensions & Specifications



#### WARRANTY

One year limited parts warranty

#### OPTIONS

See options menu

**MANUFACTURED  
IN THE USA**

Representative image only.

Some models may vary in appearance.

Due to continuous product improvement, specifications are subject to change

without notice.



Rev. Date: 03/08/19

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#### 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 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** 

## 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	<u>Interruption</u> 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

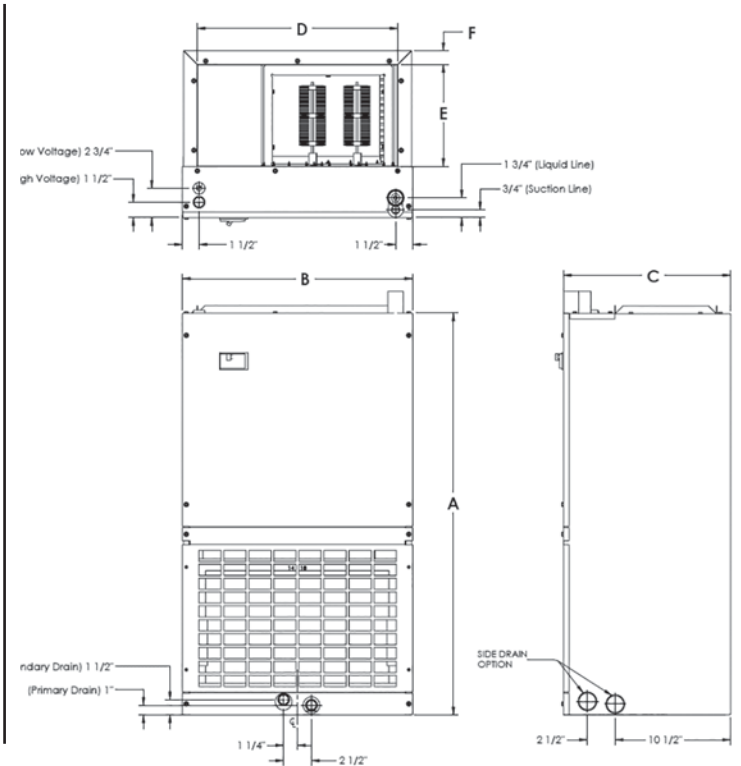
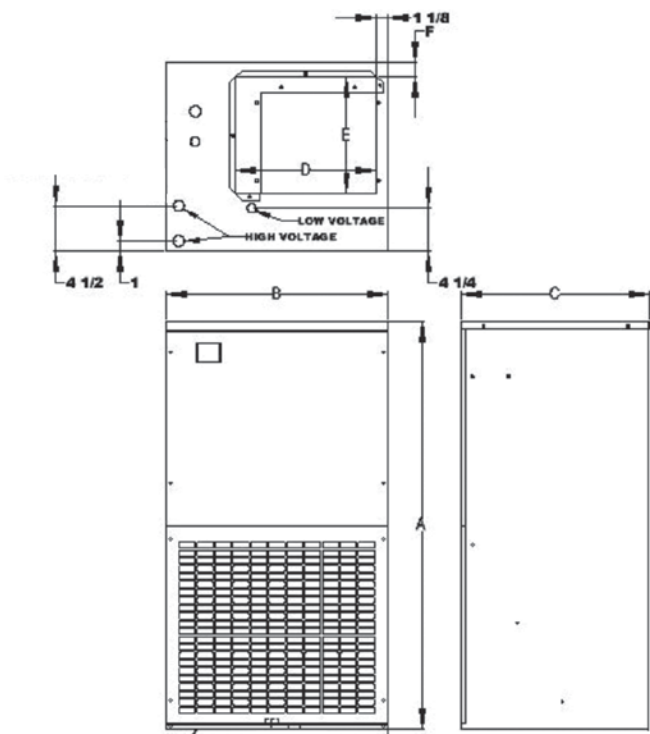
## DIMENSIONS AND SPECIFICATIONS (In. [mm]) (Fig 1)

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

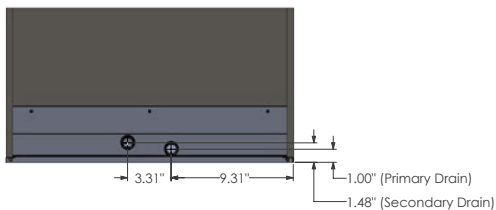
**GAW 18/23/24/30/36**

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



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.

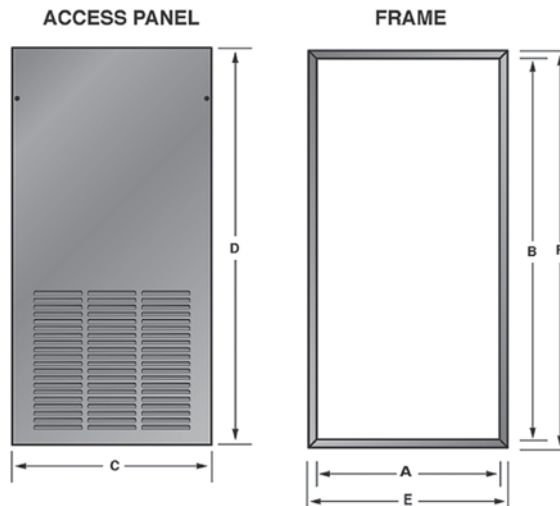
**FILTER**

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



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