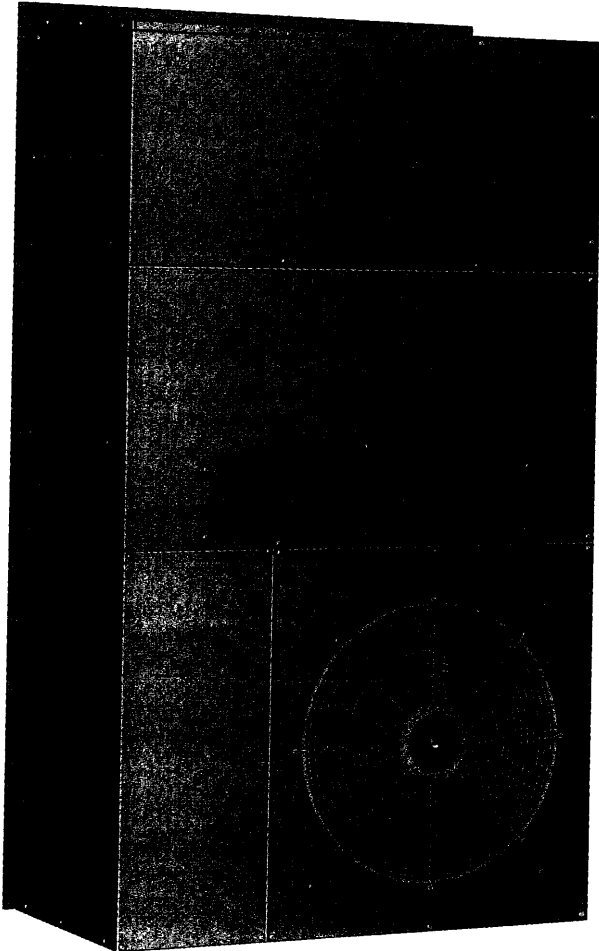


# Eubank®

Commercial HVAC

## HW High Efficiency Series Wallmount Heat Pump



### PERFORMANCE:

Efficiency rating of up to 10.20 SEER and 7.00 hspf

Cooling capacities from 22,000 to 58,000

Refrigerant heating capacities from 21,600 to 59,500

Electric heat available from 5 to 22.5 kW

208-230 volt, single- or three-phase, and 460 volt, three-phase, models available

A.R.I. performance certified, UL and C-UL safety certified

### FEATURES:

18- and 20-gauge G90 galvanized steel construction, protected by a baked-on polyester exterior finish

Quiet, horizontal outdoor fan discharge, protected by a polyester-coated guard

All indoor coils are four rows deep to improve dehumidification; all refrigerant coils are constructed with long-life, rifled copper tubing, enhanced aluminum fins

Full-length side mounting brackets, top rain flashing, and sloped rain hood built into cabinet; bottom mounting bracket provided to assist installation

Built-in condensate drain trap

Permanently-lubricated psc indoor and outdoor motors; multi-speed indoor blower motor for ducted or free blow applications

Over-size accumulators, integrated defrost control, and high-pressure switch standard on all models for added reliability

Built-in circuit breakers with lockable outside access door on all models (disconnect on 460 volt models)

Large, factory-installed filter area for improved filtration; 1" disposable (standard) or 2" pleated (optional)

Barometric damper with washable aluminum outside air filter allows up to 40% fresh air, standard on all models.

Optional, modulating economizer with washable aluminum filter and built-in relief allows up to 100% fresh air

Plug-in options and heater receptacle minimize field wiring of control options and electric heaters, standard on all models



RATED IN ACCORDANCE WITH  
ARI STANDARD 240.  
CERTIFICATION APPLIES ONLY  
WHEN USED WITH PROPER  
COMPONENTS AS LISTED WITH ARI.

**MODEL SPECIFICATIONS HW24 THROUGH HW36**

MODEL HW	24-1	30-1	36-1	24-3	30-3	36-3	30-4	36-4
COOLING CAPACITY ①	22,000	29,600	34,000	22,000	29,600	34,000	29,600	34,000
SEER ①	10.20	10.20	10.20	10.20	10.20	10.20	10.00	10.00
HEATING CAPACITY ①	21,600	30,000	34,400	21,600	30,000	34,400	30,000	34,000
HSPF ①	6.8	7.0	6.8	6.8	7.0	6.8	6.8	6.8
VOLTS/PHASE/HERTZ	208-230 / 1 / 60			208-230 / 3 / 60			460 / 3 / 60	
COMPRESSOR DATA	-							
TYPE	RECIPROCATING							
RATED LOAD AMPS	9.8	13.7	14.4	6.7	9.0	9.3	4.3	4.6
LOCK ROTOR AMPS	61	75	82	51	68	70	34	33
CRANKCASE HEATER	INTERNAL 40 WATT PTC							
FAN DATA								
MOTOR HP/RPM	1/5 / 1075					1/4 1075		
FLA	1.5					.9		
FAN BLADE DIA/CFM	20" - 2600							
BLOWER DATA								
MOTOR HP/RPM	1/6 / 1075	1/4 / 1075	1/3 / 1075	1/6 / 1075	1/4 / 1075	1/3 / 1075	1/4 / 1075	3/4 / 1075
FLA	1.4	1.8	2.6	1.4	1.8	2.6	.9	2.0
RATED CFM/ESP ②	800 / .23	1000 / .34	1200 / .23	800 / .23	1000 / .34	1200 / .23	1000 / .35	1200 / .20
VENTILATION PACKAGES								
BAROMETRIC DAMPER	ADJUSTABLE BAROMETRIC DAMPER STANDARD ON ALL MODELS							
DAMPER FILTER	WASHABLE ALUMINUM 7" X 29"							
MAX FRESH AIR CFM/% ③	277 / 34%	375 / 38%	430 / 36%	200 / 25%	375 / 38%	430 / 36%	375 / 38%	430 / 36%
ECONOMIZER (OPTIONAL)	MODULATING ECONOMIZER SYSTEM WITH BUILT IN RELIEF DAMPER							
FRESH AIR RANGE	0 - 100%							
DAMPER FILTER	WASHABLE ALUMINUM 7" X 29" X 1"							
RETURN AIR FILTER	16 X 25 X 1	(2) 16" X 16" X 1"						
WEIGHT SHIPPING/NET	362 / 326	375 / 339	382 / 347	360 / 324	373 / 337	380 / 347	373 / 337	380 / 347

**MODEL SPECIFICATIONS HW42 THROUGH HW60**

MODEL HW	42-1	48-1	60-1	42-3	48-3	60-3	42-4	48-4	60-4
COOLING CAPACITY ①	41,000	46,500	58,000	41,000	46,500	58,000	41,000	46,500	58,000
SEER ①	10.00	10.20	10.00	10.00	10.20	10.00	10.00	10.00	10.00
HEATING CAPACITY ①	41,500	46,500	59,500	41,500	46,500	59,500	41,000	46,500	59,500
HSPF ①	7.0	7.0	7.0	7.0	7.0	7.0	6.8	7.0	7.0
VOLTS/PHASE/HERTZ	208-230 / 1 / 60			208-230 / 3 / 60			460 / 3 / 60		
COMPRESSOR DATA									
TYPE	RECIPROCATING	SCROLL		RECIPROCATING	SCROLL		RECIPROCATING	SCROLL	
RATED LOAD AMPS	18.3	25.3	30.8	11.1	14.6	18.6	5.6	7.3	8.7
LOCK ROTOR AMPS	105	131	175	85	91	128	42	46	63
CRANKCASE HEATER	40 WATT PTC	NONE		40 WATT PTC	NONE		40 WATT PTC	NONE	
FAN DATA									
MOTOR HP/RPM	1/4 / 1075						1/4 1075		
FLA	1.8						.9		
FAN BLADE DIA/CFM	22" - 3800								
BLOWER DATA									
MOTOR HP/RPM	1/2 / 1075		3/4 / 1075	1/2 / 1075		3/4 / 1075	3/4 / 1075		
FLA	3.5		4.0	3.5		4.0	2.0		
RATED CFM/ESP ②	1350/5	1550/5	1750/5	1350/5	1550/5	1750/5	1350/6	1550/6	1750/5
VENTILATION PACKAGES									
BAROMETRIC DAMPER	ADJUSTABLE BAROMETRIC DAMPER STANDARD ON ALL MODELS								
DAMPER FILTER	WASHABLE ALUMINUM 7" X 29"								
MAX FRESH AIR CFM/% ③	535 / 40%	550 / 35%	590 / 33%	535 / 40%	550 / 35%	590 / 33%	535 / 40%	550 / 35%	590 / 35%
ECONOMIZER (OPTIONAL)	MODULATING ECONOMIZER SYSTEM WITH BUILT IN RELIEF DAMPER								
FRESH AIR RANGE	0 - 100%								
DAMPER FILTER	WASHABLE ALUMINUM 7" X 29" X 1"								
RETURN AIR FILTER	(2) 20" X 20" X 1"								
WEIGHT SHIPPING/NET	462 / 421	493 / 452	516 / 475	460 / 421	491 / 450	514 / 473	460 / 421	491 / 450	514 / 473

① Rated in accordance with DOE and ARI test standards. ② Includes factory-installed filters and wet coils ③ CFM with standard return air filter grille in place. All specifications contained in this brochure are subject to change without notice.

## FIELD WIRING SPECIFICATIONS FOR HW MODEL UNITS

Model No.	Volts/Phase/Hz	Number of Field Power Circuits	SINGLE-FIELD CIRCUIT				DUAL-FIELD CIRCUIT											
			(1)	(2)	(3)	(3)	(1)		(2)		(3)		(3)					
			Min. Wire Ampacity	Max. Fuse on HACR Breaker	Field Power Wire Size	Ground Wire Size	Min. Wire Ampacity	Max. Fuse on HACR Breaker	Field Power Wire Size	Ground Wire Size	Min. Wire Ampacity	Max. Fuse on HACR Breaker	Field Power Wire Size	Ground Wire Size	Min. Wire Ampacity	Max. Fuse on HACR Breaker	Field Power Wire Size	Ground Wire Size
						CKT1	CKT2	CKT1	CKT2	CKT1	CKT2	CKT1	CKT2	CKT1	CKT2	CKT1	CKT2	
HW24CF00B1	208-240/1/60	1	15	20	12	12	-	-	-	-	-	-	-	-	-	-	-	-
05		1	42	45	8	10	-	-	-	-	-	-	-	-	-	-	-	-
07		1	54	60	6	10	-	-	-	-	-	-	-	-	-	-	-	-
(4) 10		1 or 2	69	70	4	8	15	54	20	60	12	6	12	10				
HW30CF00B1	208-240/1/60	1	20	30	10	10	-	-	-	-	-	-	-	-	-	-	-	-
05		1	48	50	8	10	-	-	-	-	-	-	-	-	-	-	-	-
07		1	59	60	6	10	-	-	-	-	-	-	-	-	-	-	-	-
(4) 10		1 or 2	75	80	4	8	20	54	30	60	10	6	10	10				
15	1 or 2	84	90	4	8	30	54	30	60	10	6	10	10					
HW36CF00B1	208-240/1/60	1	22	35	8	10	-	-	-	-	-	-	-	-	-	-	-	-
05		1	49	50	8	10	-	-	-	-	-	-	-	-	-	-	-	-
07		1	60	60	6	10	-	-	-	-	-	-	-	-	-	-	-	-
(4) 10		1 or 2	76	80	4	8	22	54	35	60	8	6	10	10				
15	1 or 2	85	90	4	8	31	54	35	60	8	6	10	10					
HW42C600B1	208-240/1/60	1	29	45	8	10	-	-	-	-	-	-	-	-	-	-	-	-
05		1	56	60	6	10	-	-	-	-	-	-	-	-	-	-	-	-
07		1 or 2	67	70	4	8	29	39	45	40	8	8	10	10				
(4) 10		1 or 2	83	90	4	8	29	54	45	50	8	6	10	10				
15	1 or 2	86	90	3	8	32	54	45	60	8	6	10	10					
20	1 or 2	114	120	2	6	59	54	60	60	6	6	10	10					
HW48CS00B1	208-240/1/60	1	35	50	8	10	-	-	-	-	-	-	-	-	-	-	-	-
05		1 or 2	62	70	6	10	35	27	50	30	8	10	10	10				
07		1 or 2	73	80	4	8	35	39	50	40	8	8	10	10				
(4) 10		1 or 2	89	100	4	8	35	54	50	60	8	6	10	10				
15	1 or 2	89	100	4	8	35	54	50	60	8	6	10	10					
20	1 or 2	113	120	2	6	59	54	60	60	6	6	10	10					
HW60CS00B1	208-240/1/60	1	44	70	8	8	-	-	-	-	-	-	-	-	-	-	-	-
05		1 or 2	71	90	4	8	44	27	70	30	8	10	8	10				
07		1 or 2	82	100	4	8	44	39	70	40	8	8	8	10				
(4) 10		1 or 2	96	110	3	6	44	54	70	60	8	6	8	10				
15	1 or 2	98	120	3	6	44	54	70	60	8	6	8	10					
20	1 or 2	114	120	2	6	59	54	70	60	6	6	8	10					
HW24C600B3	208-240/3/60	1	15	15	14	14												
(4) 11		1	45	45	8	10												
HW30C600B3	208-240/3/60	1	15	20	12	12												
(4) 11		1	49	50	8	10												
15		1	49	50	8	10												
HW36C600B3	208-240/3/60	1	16	25	10	10												
(4) 11		1	50	50	8	10												
15		1	50	50	8	10												
HW42C600B3	208-240/3/60	1	20	30	10	10												
(4) 11		1	54	60	6	10												
15		1	52	60	6	10												
HW48CS00B3	208-240/3/60	1	23	35	10	10												
(4) 11		1	57	60	6	10												
15		1	54	60	6	10												
HW60CS00B3	208-240/3/60	1	29	45	8	10												
(4) 11		1	63	70	6	10												
15		1	61	70	6	10												
22		1	73	80	4	8												
HW30C600D4	460/3/60	1	15	15	14	14												
(4) 09		1	22	25	10	10												
15		1	25	25	10	10												
HW36C600D4	460/3/60	1	15	15	14	14												
(4) 09		1	23	25	10	10												
15		1	26	30	10	10												
HW42C600D4	460/3/60	1	15	15	14	14												
(4) 09		1	25	30	10	10												
15		1	27	30	10	10												
18		1	30	30	10	10												
HW48CS00D4	460/3/60	1	15	15	14	14												
(4) 09		1	25	30	10	10												
15		1	27	30	10	10												
18		1	30	30	10	10												
HW60CS00D4	460/3/60	1	16	20	12	12												
(4) 09		1	27	30	10	10												
15		1	29	30	10	10												
18		1	30	30	10	10												

(1) Minimum wire ampacity values are used for sizing field power conductors. Refer to the National Electrical Code (latest version), Article 310, for sizing conductors. NOTE: When more than three current-carrying conductors are in the same conduit, the conductor's ampacity must be derated. See Note 8 of Table 310 for ampacity adjustment factors.  
 (2) Maximum size fuse or HACR-type circuit breaker for field wiring protection.  
 (3) Based on 75° C. copper wire with no more than three current-carrying conductors in the same conduit. All wiring must conform to the National Electrical Code and all local codes.  
 (4) Maximum kW that can operate simultaneously with the heat pump.

## COOLING PERFORMANCE AT EXTENDED OUTDOOR AMBIENTS

UNIT	A.R.I. CERTIFIED RATING			TEMPERATURES IN (°F) COOLING DATA IN M.B.T.U.H.								
		BTUH	SEER	CFM	80	85	90	95	100	105	110	115
HW24CF1	TOTAL	22,000	10.2	800	24.4	23.7	22.7	22.3	21.4	20.6	19.6	17.8
	SENSIBLE				17.0	16.8	16.5	16.3	15.9	15.7	14.9	14.4
	WATTS				2184	2258	2332	2407	2481	2555	2629	2703
HW30CF1	TOTAL	29,600	10.2	1000	33.2	32.0	30.9	29.7	27.8	25.8	23.7	21.9
	SENSIBLE				22.5	22.1	21.7	21.3	20.2	19.1	17.8	16.7
	WATTS				2939	3027	3115	3203	3291	3379	3467	3555
HW36CF1	TOTAL	34,000	10.2	1200	37.9	36.6	35.3	34.0	31.7	29.4	27.0	24.6
	SENSIBLE				25.8	25.5	25.2	24.8	23.7	22.5	21.1	19.6
	WATTS				3350	3461	3572	3683	3794	3904	4015	4126
HW42C61	TOTAL	41,000	10.0	1350	45.6	44.2	40.1	41.0	38.0	34.6	31.2	27.8
	SENSIBLE				31.7	31.0	28.4	29.4	27.5	25.3	23.0	20.7
	WATTS				4186	4318	4450	4583	4686	4789	4893	4996
HW48CS1	TOTAL	47,000	10.2	1550	51.037	49.6	48.3	47.0	45.6	44.3	42.9	41.6
	SENSIBLE				35.6	35.0	34.5	34.0	33.5	32.9	32.4	31.9
	WATTS				4485	4692	4900	5108	5315	5523	5731	5938
HW60CS1	TOTAL	58,000	10.0	1750	63.2	61.5	59.9	58.2	56.1	54.8	51.7	49.6
	SENSIBLE				43.3	42.6	42.0	41.3	40.2	39.7	37.9	36.8
	WATTS				5765	6032	6299	6566	6833	7095	7365	7630

Base on 80°F DB / 67°F WB indoor ambient with 0% fresh air

## HEATING PERFORMANCE AT EXTENDED OUTDOOR AMBIENTS

UNIT	A.R.I. CERTIFIED RATING MBTUH						TEMPERATURES IN (°F) HEATING DATA IN M.B.T.U.H.								
	BTUH 47°F	C.O.P. 47°F	BTUH 17°F	C.O.P. 17°F	HSPF	CFM		-10	0	10	20	30	40	50	60
HW24CF1	21.6	3.00	12.4	1.9	6.8	800	MBTH	3.7	7.8	9.7	12.6	14.9	17.3	22.8	26.0
							COP	0.87	1.10	1.59	2.01	2.31	2.60	3.23	3.56
HW30CF1	30.0	3.13	16.7	2.0	7.0	1000	MBTH	4.9	9.19	13.6	17.4	19.8	22.1	31.5	36.0
							COP	0.91	1.27	1.75	2.14	2.38	2.61	3.22	3.50
HW36CF1	34.4	3.2	19.4	2.1	6.8	1200	MBTH	6.10	10.91	15.9	20.1	22.1	24.1	36.0	41.1
							COP	0.92	1.32	1.80	2.17	2.30	2.43	3.30	3.59
HW42C61	41.5	3.1	24.5	2.1	7.0	1350	MBTH	9.2	14.9	20.6	25.1	27.0	28.9	43.4	49.1
							COP	.92	1.42	1.86	2.16	2.28	2.40	3.19	3.45
HW48CS1	48.0	3.1	29.3	2.2	7.0	1550	MBTH	12.4	18.7	24.9	31.1	37.4	43.6	49.9	56.1
							COP	1.10	1.56	1.96	2.32	2.64	2.93	3.20	3.44
HW60CS1	59.5	3.1	37.4	2.2	7.0	1750	MBTH	17.8	24.8	32.2	38.2	40.9	43.5	62.3	69.5
							COP	1.23	1.66	2.05	2.33	2.44	2.53	3.28	3.51

Base on 70°F DB indoor ambient with 0% fresh air

**FACTORY- OR FIELD-INSTALLED ELECTRIC HEATERS**

HEATER MODEL	BTU* OUTPUT	* AMPS	SHIPPING WEIGHT	APPROVED UNIT AND HEATER COMBINATION																	
				HW-24-1	30-1	36-1	42-1	48-1	60-1	24-3	30-3	36-3	42-3	48-3	60-3	30-4	36-4	42-4	48-4	60-4	
EDH05B1	17,062	20.8	15	X	X	X	X	X	X												
EDH07B1	25,594	31.2	16	X	X	X	X	X	X												
EDH10B1	34,125	41.6	16	X	X	X	X	X	X												
EDH15B1	51,187	62.5	18		X	X	X	X	X												
EDH20B1	68,250	83.3	20				X	X	X												
EDH11B3	38,391	27.0	20								X	X	X	X	X						
EDH15B3	51,187	36.1	18									X	X	X	X						
EDH22B3	76,781	54.1	23												X						
EDH09D4	30,712	10.8	18													X	X	X	X		
EDH15D4	51,100	18.0	18													X	X	X	X		
EDH18D4	61,425	21.6	23														X	X	X		

\*BTU output and current based on 240 volts operation for 208-230 volts models and 480 volts for 460 volts models.  
 \*BTU Multiplier - For 230 volts operation multiply the listed output by .92, for 208 volts operation multiply by .75 for 460 volts operation multiply by .92.  
 \*Current Multiplier - For 230 volts operation multiply the listed amps by .96, for 208 operation multiply by .87 for 460 volts operation multiply by .96.

**INDOOR BLOWER PERFORMANCE**

**CFM AT VARIOUS DUCT STATICS IN " WC**

UNIT MODEL	VOLTS	.1	.2	.3	.4	.5	.6	.7	.8
HW24 HI/MED/LOW	208	775/674/586	742/642/588	696/518/567	659/567/528	601/480/405	476/405/330		
	230	900/755/673	850/730/645	780/683/632	704/623/603	650/572/486	553/461/411		
HW30 HI/MED/LOW	208	983/640/-	1003/654/570	963/645/560	910/640/565	845/521/554	743/576/511		
	230	1230/861/-	1120/818/715	1080/800/732	975/795/724	920/728/672	807/681/616		
HW36 HI/MED/LOW	208	1256/1195/1106	1176/1119/1030	1081/1038/940	997/979/895	937/883/820	814/765/720		
	230	1340/1251/1159	1280/1187/1095	1200/1075/985	1035/1028/946	957/949/875	838/814/775		
HW42 HI/MED/LOW	208	1500/1177/-	1481/1169/-	1428/1152/890	1400/1135/870	1338/1110/845	1264/1065/805	1209/990/730	118/900/660
	230	1629/1373/-	1581/1345/-	1547/1309/1028	1481/1270/1020	1428/1233/990	1352/1169/940	1264/1100/865	1177/1000/745
HW48 HI/MED/LOW	208	1615/-/-	1605/1250/936	1595/1235/914	1555/1180/904	1511/1175/883	1447/1130/850	1345/1077/808	1195/975/747
	230	1837/-/-	1788/1470/1095	1723/1440/1086	1700/1366/1068	1626/1330/1050	1523/1295/985	1450/1210/936	1265/1068/867
HW60 HI/LOW	208	1990/1707	1942/1644	1877/1630	1820/1610	1740/1560	1650/1473	1567/1395	1415/1225
	230	2105/1902	2065/1850	1985/1790	1907/1730	1825/1673	1740/1567	1620/1485	1505/1345
HW36 HI/LOW	460	1249/1202	1180/1103	1073/1032	975/925	851/827	727/716	602/616	480/457
HW42 HI/LOW	460	1748/1300	1700/1292	1650/1263	1605/1292	1548/1255	1490/1232	1395/1150	1300/1093
HW48 HI/LOW	460	2023/1400	1966/1393	1910/1379	1826/1364	1762/1317	1654/1270	1540/1179	1441/1088
HW60 HI/LOW	460	2050/1500	2023/1493	1953/1461	1884/1413	1788/1363	1692/1314	1596/1218	1500/1122

Includes factory-installed filter with dry coil. For wet coil performance, deduct approximately .1" from available static pressure.

**ELECTRIC HEATER PRESSURE LOSS**

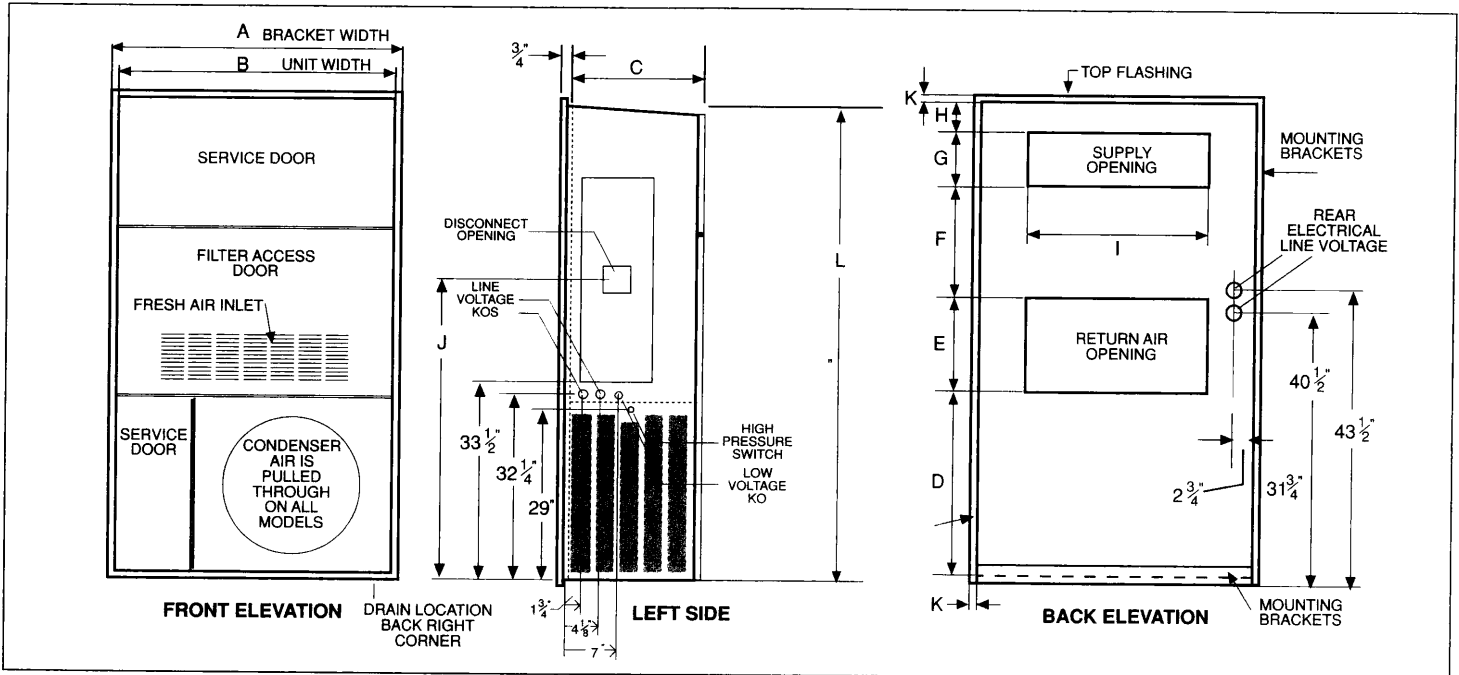
**CFM AT VARIOUS DUCT STATICS IN " WC**

HEATER MODEL	ED-5	ED-7.5	ED-10	ED-11	ED-15	ED-20	ED-22	ED-9	ED-18
LOSS AT 600 CFM	.03	.04	.04	NA	NA	NA	NA	NA	NA
LOSS AT 800 CFM	.03	.04	.04	.05	.05	NA	NA	NA	NA
LOSS AT 1000 CFM	.04	.06	.06	.07	.07	.08	NA	.06	NA
LOSS AT 1200 CFM	.05	.06	.06	.08	.08	.09	.12	.07	.12
LOSS AT 1400 CFM	.05	.06	.06	.08	.08	.10	.13	.08	.13
LOSS AT 1600 CFM	.06	.07	.07	.10	.10	.13	.20	.10	.20
LOSS AT 1800 CFM	.07	.13	.13	.16	.16	.19	.31	.14	.31

When heater is used, deduct the above pressure loss from the available unit static pressure.

## UNIT DIMENSIONS (INCHES)

UNIT MODEL	A	B	C	D	E	F	G	H	I	J	K	L
HW24	42 <sup>1</sup> / <sub>4</sub>	40 <sup>1</sup> / <sub>4</sub>	19 <sup>3</sup> / <sub>4</sub>	27 <sup>1</sup> / <sub>4</sub>	11 <sup>7</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	19 <sup>7</sup> / <sub>8</sub>	44	1	70 <sup>1</sup> / <sub>2</sub>
HW30, 36	42 <sup>1</sup> / <sub>4</sub>	40 <sup>1</sup> / <sub>4</sub>	19 <sup>3</sup> / <sub>4</sub>	28	13 <sup>7</sup> / <sub>8</sub>	18	7 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	27 <sup>7</sup> / <sub>8</sub>	44	1	70 <sup>1</sup> / <sub>2</sub>
HW42, 48, 60	46 <sup>3</sup> / <sub>4</sub>	44 <sup>3</sup> / <sub>4</sub>	24	26	15 <sup>7</sup> / <sub>8</sub>	30	9 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	29 <sup>7</sup> / <sub>8</sub>	44	1	84 <sup>1</sup> / <sub>2</sub>



**HW 24 CF 10 B 1 F -- A**

WALLMOUNT PACKAGED UNIT HEAT PUMP — **HW** — **24** — **CF** — **10** — **B** — **1** — **F** — **--** — **A** — A=ALMOND (STANDARD)  
 NOMINAL CAPACITY — **24** — ELECTRIC HEATER KW — **CF** — **10** — COMPRESSOR MAKE & SERIES — **B** — **1** — CONTROL OPTION — **F** — **--** — **A** — G=GRAY  
 T=TAN  
 W=WHITE

**B**=BREAKERS  
**D**=DISCONNECT  
**1**=208-230/60/1  
**3**=208-230/60/3  
**4**=460/60/3  
**R**=FACTORY INSTALLED RELIEF OPENING

**F**=BAROMETRIC DAMPER  
**E**=ECONOMIZER

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 (800) 225-6753  
 EBHWWS REV 5-03

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# **INSTRUCTIONS FOR:**

**INSTALLATION  
OPERATION  
MAINTENANCE**

## **HW SERIES WALLMOUNTED HEAT PUMP UNIT**

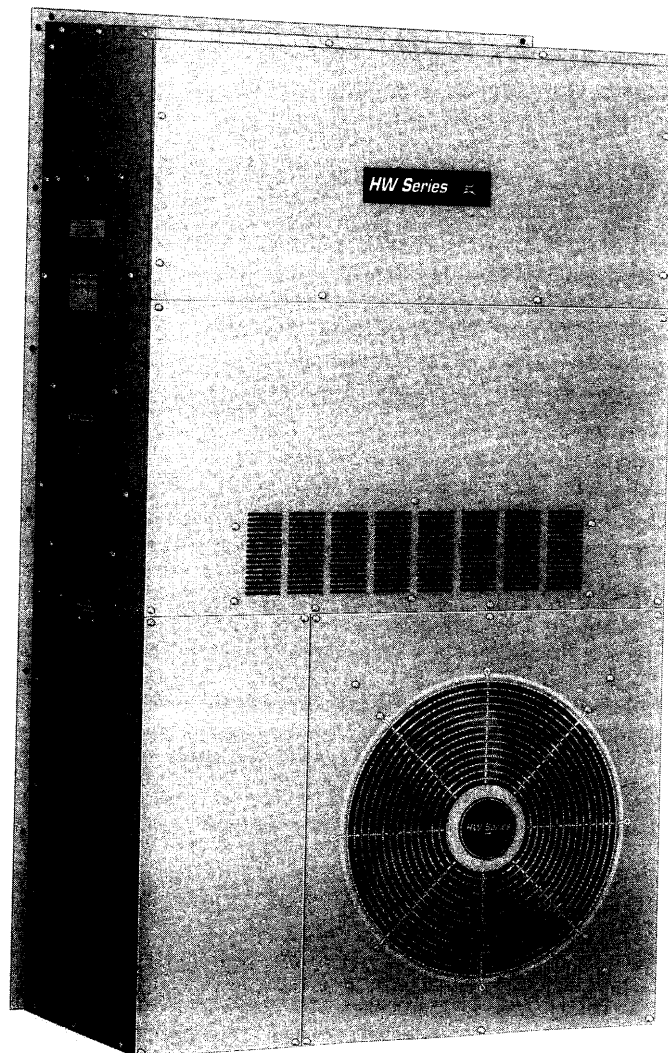


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## CONGRATULATIONS

You should look forward to the utmost in cooling comfort with the heating and cooling system installed in your home or business.

We constantly try to improve the quality of our products consistent with the price at which the product is sold. We believe our products represent the best possible value available.

This equipment has been built with care and undergoes several individual inspections. Finally, each unit is run and tested in our plant.

After taking all possible steps to insure the quality of our products, we make every effort to sell our products through qualified heating and cooling dealers or contractors.

Satisfactory air-conditioning depends greatly on the quality of installation. The dealer or contractor who installs your equipment is well aware of this, and if your unit is in fact giving the satisfaction you are entitled to, it has been properly installed.

Your installation dealer or contractor should return the factory portions of the LIMITED WARRANTY CARD with the checklist properly executed, to confirm the date of installation. You should check to make certain that this has been accomplished. Failure to return the warranty card could result in the warranty period beginning at the date of the manufacture, instead of the date of installation.

We have noted that many people do not understand the limited warranty. Please read your copy carefully - it is explicit and points out exactly what you are entitled to expect.

### **YOU HAVE A MAJOR INVESTMENT IN A FINE PIECE OF EQUIPMENT. KEEP YOUR INVESTMENT SOUND.**

Only the highest quality components are used in the construction of your unit. With proper maintenance your system should provide years of economical trouble-free service.

Your unit is supplied with high quality copper tube, enhanced aluminum finned coils for high heat transfer efficiency and long life. The unit cabinet is constructed of G-90 galvanized steel with all exterior surfaces finished with a baked on polyester coating. These will provide excellent corrosion protection in most applications; however, if the unit is installed in an area with high air pollution, as near an industrial plant, or if the unit is to be installed on the sea coast, additional coating should be considered to extend the life of the coils and cabinets.