



THE WALL-MOUNT HI-BOY HEAT PUMPS

ELEVEN MODELS • Heating Capacities: 19,000 to 59,000 BTUH

Cooling Capacities: 19,500 to 56,000 BTUH

HSPF: 6.60-6.80 SEER: 8.50 to 9.20

Practical, outside wallmount installation provides versatile applications for:

- HOME IMPROVEMENT PROJECTS
- NEW CONSTRUCTION
- MODULAR FACILITIES
- SCHOOLS
- APARTMENTS
- OFFICES

Aluminum Finned Copper Coil surfaces expel heat efficiently as required by system.

Twin Blowers move air quietly. Most models feature multispeed blower motors providing airflow adjustment for high and low static operation. Motor overload protection is standard on all models.

Heat Pump Compressor is totally enclosed for quieter operation. Is specially designed to withstand higher compression ratios and longer operation than ordinary air conditioner compressors. Equipped with crankcase heater which prevents dilution of oil by refrigerant during shutdown periods and internal overload.

Galvannealed Steel Cabinet is hand-somely finished with baked-on polyester enamel.

Electrical Components are easily accessible for service and routine inspection.

Compressor Malfunction Relay energizes system warning light located on the indoor thermostat. Standard on all 1-phase.

Air Filters are standard on all models. Replacement filters are easy to install.

High Pressure Switch provides additional protection for the heat pump system.

Time-Temperature Defrost assures positive, quick removal of frost at all operating temperatures. Has 7-minute, time-safe override.

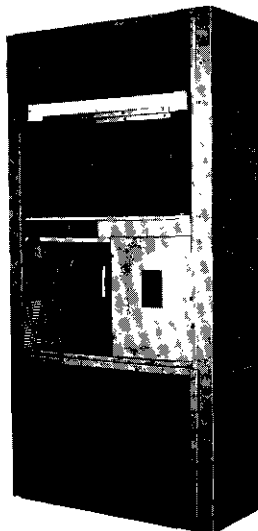
Suction Accumulator protects the compressor from refrigerant floodback and prevents damage to the compressor bearing surfaces.

Emergency Heat Circuit permits continuous operation of the system.

Built-in Circuit Breakers — Optional.

Barometric Damper Assembly — Standard equipment with **The WALL-MOUNT™**.

Economizer — Optional. Reduces operating costs and prolongs life of compressor. See Form S3115.

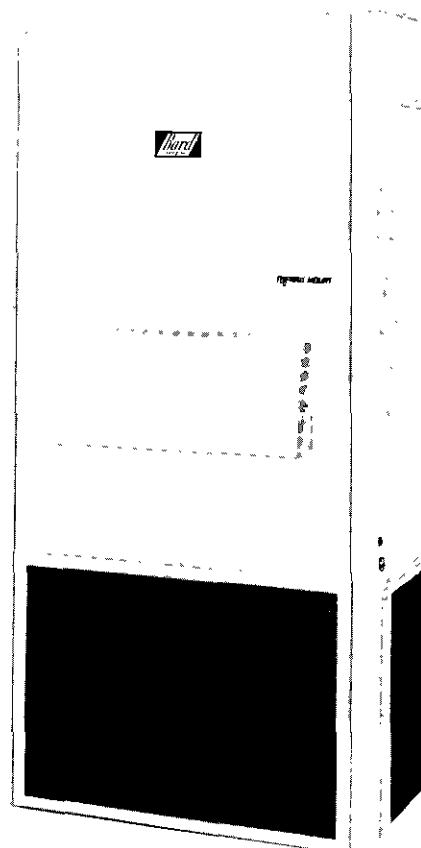


Model 36WH*

*On Models 42WH, 48WH and 60WH, compressor is located on bottom base pan and serviced from left-hand side of cabinet.



ELECTRIC HEAT STRIPS with automatic limit and thermo cut-off are available as a built-in option. Accessible from side outlet without removing unit from wall.



Capacity and Efficiency Ratings

MODEL	PHASE	COOLING CAPACITY BTUH	SEER	SEER*	HEATING 47° BTUH	HSPF**
18WH6-A	1	19,500	9.30		19,000	6.60
24WH6-A	1	23,800	9.30		23,800	6.60
30WH6-A	1	29,400	9.35		28,600	6.80
36WH7-A	1	35,000	9.00		36,400	6.70
36WH7-B-C①	3	35,000	9.00		36,400	6.60
42WH1-A	1	41,500	9.20	9.50	43,000	6.80
42WH1-B②	3	41,500	9.20	9.50	43,000	6.80
48WH6-A	1	48,000	8.60	8.90	48,000	6.70
48WH6-B-C②	3	47,000	8.50	8.90	46,500	6.60
60WH1-A	1	56,000	8.90		58,000	6.70
60WH1-B-C②	3	56,000	8.70	8.90	59,000	6.60

Tested and certified in accordance with ARI standard 210/240-89.

* Efficiency ratings with optional field installed 8620-003 (ordered separately).

** Heating Seasonal Performance Factor at Region IV minimum design heating requirement per DOE test procedures in effect at time of printing.

① For 208V operation deduct 400 BTUH, .1 SEER and .1 HSPF

② For 208V operation deduct 1000 BTUH, .2 SEER and .1 HSPF

All capacity and efficiency ratings are based on high speed operation with fresh air cover plate. Cover plate must be ordered separately and is recommended for use to obtain maximum energy efficiency where fresh air opening is not required.

Specifications+

MODEL	18WH6-A	24WH6-A	30WH6-A	36WH7-A	36WH7-B	36WH7-C	42WH1-A	42WH1-B	48WH6-A	48WH6-B	48WH6-C	60WH1-A	60WH1-B	60WH1-C
Cooling Capacity Btuh	19,500	23,800	29,400	35,400	35,400	35,400	41,500	41,500	48,000	47,000	47,000	56,000	57,000	57,000
*Hi-Temp Htg. BTUH (47)	19,000	23,800	29,200	36,400	36,400	36,400	43,000	43,000	48,000	46,500	47,000	58,000	59,000	59,000
*Lo-Temp Htg. BTUH (17)	11,000	13,200	17,600	22,600	22,600	22,600	24,400	24,400	27,000	25,500	25,500	32,800	34,000	34,000
Electrical Rating—60Hz	230/208-1	230/208-1	230/208-1	230/208-1	230/208-3	460-3	230/208-1	230/208-3	230/208-1	230/208-3	460-3	230/208-1	230/208-3	460-3
Operating Voltage Range	197-253	197-253	197-253	197-253	187-253	414-506	197-253	187-253	197-253	187-253	414-506	197-253	187-253	414-506
Compressor—Circuit A														
Volts	230/208	230/208	230/208	230/208	230/200	460	230/208	230/200	230/208	230/200	460	230/208	230/200	460
Rated Load Amps 230/208	8/9	10/11.5	12.5/14.5	19/21.5	15/17	7.5	18.2/20.0	12.5/14.0	21.5/24.5	16/18	9	26/31	19/21	10
Branch Circuit Selection Current	9.0	12.5	15	21.5	17	7.5	20	14	24.5	18	9	31	21	10
Lock Rotor Amps 230/208	49/49	57/57	76/76	97/97	74/74	41	102/102	91/91	114/114	92/92	46	135/135	158/158	62
Fan Motor & Condenser														
Fan Motor—HP/RPM	1/5/1075			1/5/1100			1/3/825							
Fan Motor—Amps	1.2	1.2	1.2	1.5	1.5	.8	2.8	2.8	2.8	2.8	1.3	2.8	2.8	1.3
Fan—DIA/CFM	18/1500		20/2140	20/2140	20/2140	20/2140	24/3000	24/3000	24/3000	24/3000	24/3000	24/3000	24/3000	24/3000
Motor and Evaporator														
Blower Motor—HP/RPM	1/6/1050			1/3/1100/2 Spd.			1/2/1075/2 Spd							
Blower Motor—AMPS	1.3	1.3	2.2	2.2	2.2	1.0	3.1	3.1	3.1	3.1	1.9	3.1	3.1	1.9
CFM Cooling & E.S.P. w/Filter (Rated)	650@.35	815@.15	1100@.15				1400@.20		1600@.20			1760@.20		
Filter Sizes	14x25x1		15x30-5/8x1				20x30x1		20x30x1			20x30x1		
Shipping Weight—Lbs.	305	325	390	390	390	390	525	525	530	530	530	545	545	545

For additional heating capacity, add the KW from Electric Heat Table.

Indoor Blower Performance *CFM—DRY COIL

E.S.P. IN H ₂ O	18WH 24WH	30WH 36WH		42WH		48WH		60WH	
		LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
.0	1000	970	1435	1485	1820	1450	1940	1460	2000
.10	935	925	1350	1420	1740	1395	1865	1415	1890
.20	870	900	1260	1355	1655	1340	1780	1375	1840
.30	800	—	1150	—	1555	—	1690	—	1765
.40	715	—	1050	—	1450	—	1610	—	1670
.50	630	—	940	—	1275	—	1510	—	1560


*Filter included. See specifications for unit CFM rating.
 **Single speed

Electric Heat Table at 240 Volts


MODEL	BTUH	AMP
4KW	13,650	16.7
5KW	17,065	20.8
8KW	27,304	33.3
10KW	34,130	41.7
15KW	51,195	62.5
20KW	68,260	83.4
9KW-3ph	30,600	21.7
15KW-3ph	51,195	36.2
18KW-3ph	61,200	43.4

IMPORTANT

While this electrical data is presented as a guide, it is important to electrically connect, properly sized fuses and conductor wires in accordance with the National Electrical Code and all existing local codes.



All models ARI certified.

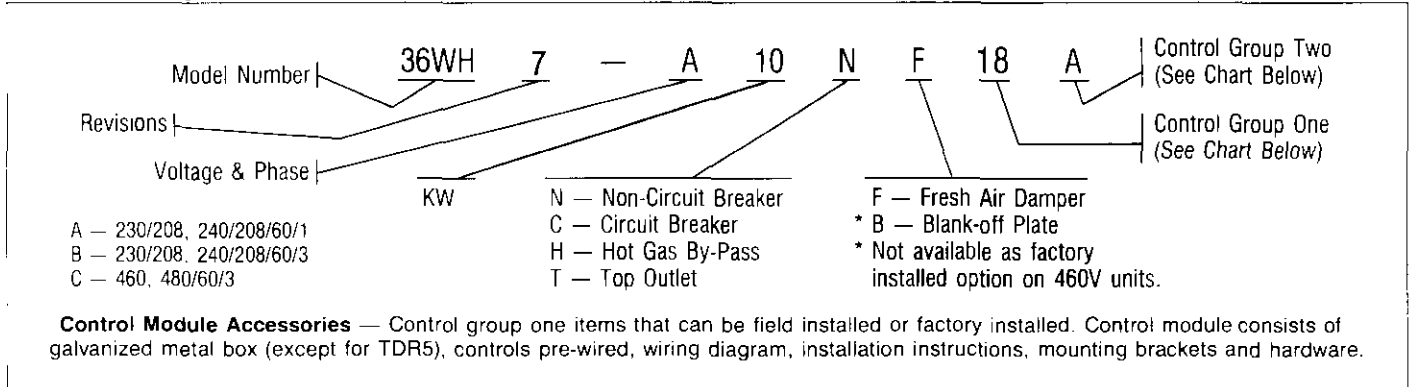


Underwriters listed for outdoor installation.

Specifications subject to change without notice.

Before purchasing this appliance, read important energy cost and efficiency information available from your retailer.

Heat Pump Wall-Mount Model Nomenclature

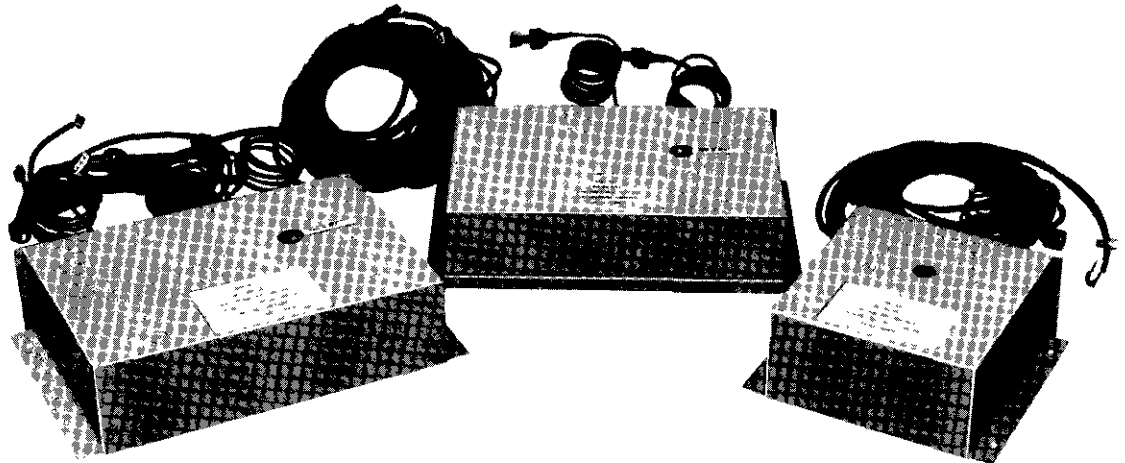


Optional Factory or Field Installed Accessories (Control Modules)

The following field installed accessories are available to provide maximum flexibility to meet specific specification and application requirements. Each accessory is designed and assembled at Bard and is available for field or factory

installation. All electrical items are pre-wired, color coded, include appropriate wire diagrams and where applicable are built into enclosures. All accessories feature detailed and easy to follow installation instructions.

Photo shows assortment of various control modules that can easily be field installed in Wall-Mount Units.



Heat Pump Control Modules

DESCRIPTION	FIELD INSTALLED PART NO.	FACTORY INSTALLED CODE NO.
Control Group One		
(LPC) Low Pressure Control Manual Reset & Adjustable	CGAH-2	02
(TDR5) Compressor Anti-Cycle Relay	CGAH-4	04
(LAC) Low Ambient Control & Relay	CGH-6	06
LPC and TDR5	CGAH-9	09
LPC and LAC	CGH-11	11
LPC, TDR5 and LAC	CGH-13	13
LAC and TDR-5	CGH-18	18
Control Group Two		
Outdoor Thermostat (ODT)	ODT-70	A
Low Voltage Start Kit No. 1 (42WH1, 48WH6, 60WH1)	SK108	B
Low Voltage Start Kit No. 2 (18WH6, 24WH6, 30WH6, 36WH7)	SK109	B
ODT-70 and SK108 (42WH1, 48WH6, 60WH1)	—	C
ODT-70 and SK109 (18WH6, 24WH6, 30WH6, 36WH7)	—	C



BARD MANUFACTURING CO.
 BRYAN, OHIO 43506
*Since 1914... Moving ahead,
 just as planned.*

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**Form No. S3009
 November, 1991**

Supersedes S3008
 April, 1991

501111

Dimensions of Basic Unit for Architectural and Installation Requirements (NOMINAL)

MODEL	A	B	C	D	①②	①②	G	H	I	J	K	L	M	N	P	Q	R	S	FRESH AIR INTAKE	
					E	F													Standard	
18WH, 24WH	32 ³ / ₈	14 ⁵ / ₈	69 ³ / ₈	23 ¹ / ₂	19 ⁵ / ₈	7 ¹ / ₈	20 ¹ / ₂	11 ¹ / ₈	27 ¹ / ₂	NA	NA	4	6 ¹ / ₄	NA	22 ³ / ₈	28 ⁵ / ₈	NA	21 ¹ / ₈	0-10%	
30WH, 36WH	38	16 ¹ / ₂	74	24 ³ / ₄	27 ⁷ / ₈	7 ¹ / ₈	18	13 ³ / ₈	32 ³ / ₈	32	8	2 ⁵ / ₈	5 ³ / ₄	6 ¹ / ₄	24 ⁷ / ₈	34 ¹ / ₂	27	23 ³ / ₈	0-25%	
42WH, 48WH, 60WH	42	23	84	21 ¹ / ₂	29 ⁷ / ₈	9 ⁷ / ₈	30	15 ⁷ / ₈	26 ⁷ / ₈	NA	NA	NA	8	NA	32 ⁵ / ₈	32 ⁵ / ₈	NA	31 ³ / ₄	0-25%	

Dimensions and filter sizes are in inches

Clearances Required for Service Access and Adequate Condenser Air Flow

MODEL	LEFT SIDE	RIGHT SIDE
18WH, 24WH	13"	30"
30WH, 36WH	15"	30"
42WH, 48WH, 60WH	24"	30"

- ① The supply duct requires a one inch clearance on all four sides from combustible materials. This is required for the first three feet of supply duct. Refer to the installation manual for more detailed information.
- ② On Models 18WH6 and 24WH6 with electric heat, supply duct is approved for zero inch clearance to combustible materials.

Indoor Thermostat Options

These Bard Systems feature the option of either using a thermostat with a non-cycling reversing valve or automatic changeover.

Manual Changeover

Thermostat - Part No. 8403-017 (Honeywell T874R1129)	Subbase - Part No. 8404-009 (Honeywell Q674L1181)
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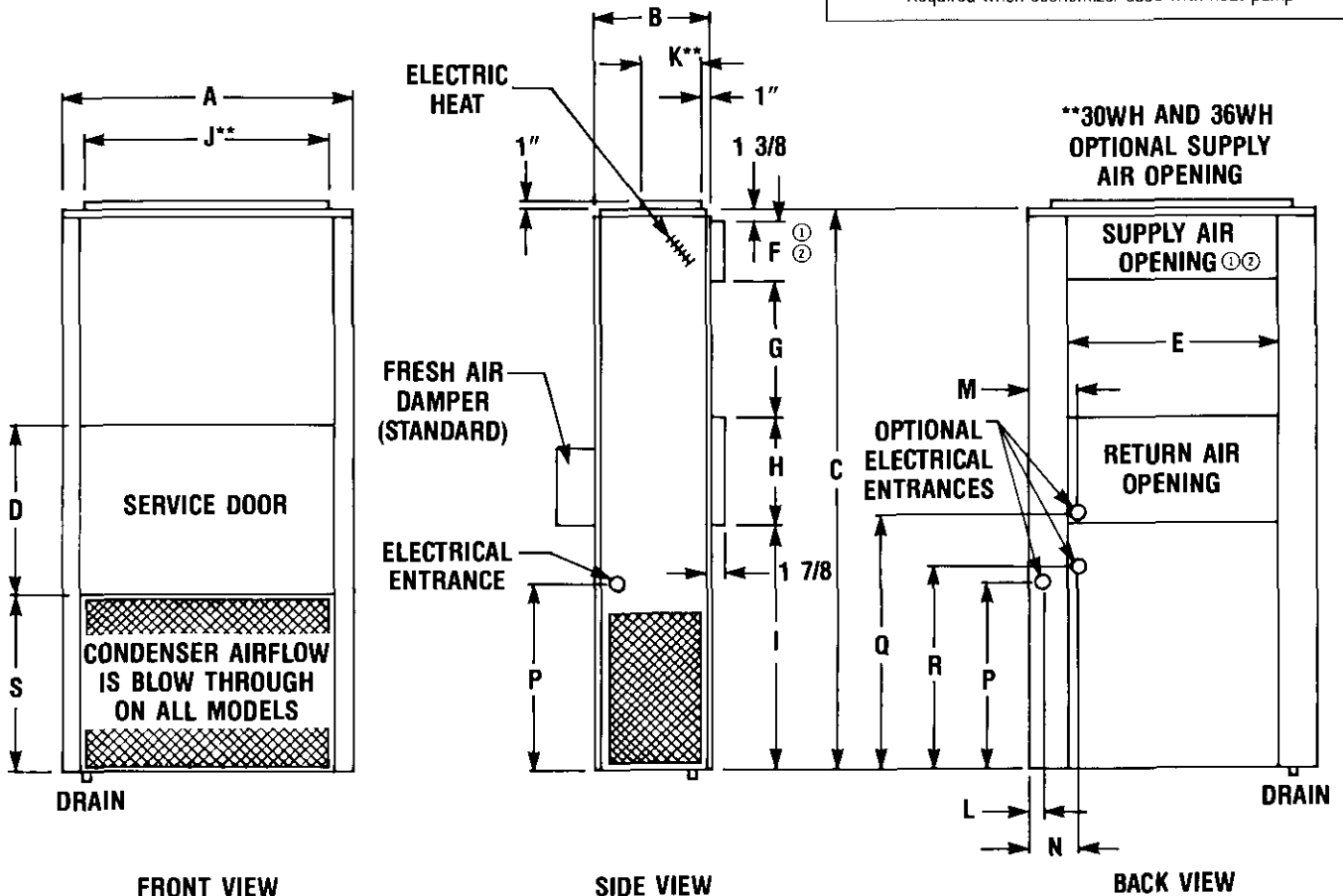
Automatic Changeover

Thermostat - Part No. 8403-018 (Honeywell T874N1024)	Subbase - Part No. 8404-010 (Honeywell Q674F1261)
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Manual or Automatic Changeover

Digital Thermostat - Part No. 8403-027
(White Rogers IF92-71)

*Required when economizer used with heat pump



**MUST BE INSTALLED AT FACTORY, OPENINGS J AND K CANNOT BE PROPERLY MADE IN THE FIELD.

Electrical Specifications

MODEL	RATED VOLTS & PHASE	MAX. UNIT AMPS @ 240/208V	"N" VERSIONS (STANDARD MODELS LESS CIRCUIT BREAKERS)						"C" VERSIONS (WITH CIRCUIT BREAKERS)										
			NO. FIELD POWER CIRCUITS	INTERNAL FUSES		② MAX. EXT. FUSE OR CIRCUIT BREAKER		③ MIN. CIRCUIT AMPACITY		NO. FIELD POWER CNTS.	② MAX. EXT. FUSE OR CIRCUIT BREAKER			③ MIN. CIRCUIT AMPACITY					
				CKT. A	CKT. B	CKT. A	CKT. B	CKT. A	CKT. B		CKT. A	CKT. B	CKT. C	CKT. A	CKT. B	CKT. C			
18WH6-A00* 04* 08*	230/208 1	10.5/11.5 27.2/25.9 43.8/40.3	1			20	15	15	1								15		
			1			35	35	35	1								35		
			1			60	56	56	1									56	
24WH6-A00* 04* 08*	230/208 1	12.5/14 29.2/28.4 45.8/42.8	1			30	19	19	1								19		
			1			45	39	39	1								39		
			1			60	60	60	1									60	
30WH6-A00* 05* 10* 15*	230/208 1	18.2/18.2 37/36.3 57.8/54.4 64.7/56.3	1			40	27	27	1								27		
			1			60	49	49	1								49		
			1	60/30		80	75	75	2		30						49	26	
			1	60/60		90	81	81	2		60	60					49	52	
36WH7-A00* 05* 10* 15*	230/208 1	22.2/25.2 43/43.3 64.3/61.4 64.7/61.4	1			50	31	31	1								31		
			1			60	57	57	1								57		
			1	60/30		90	83	83	2		30						57	26	
			1	60/60		90	83	83	2		60	60					57	52	
36WH7-B00* 08* 09* 15*	230/208 3	18.7/20.7 33.1/33.2 48.4/38.4 40.4/38.4	1			40	25	25	1								25		
			1			50	43	43	1								43		
			1			60	53	53	1									53	
			1			60	53	53	1									53	
36WH7-C00* 09* 15*	460 3	10 20.8 20.8	1			15	15	15	1								15		
			1			30	29	29	1								29		
			1			30	29	29	1								29		
42WH1-A00* 10* 15*	230/208 1	24.1/25.9 65.7/62.1 66/64.1	1			50	32	32	1								32		
			1	50/60		90	84	84	2		60						35	52	
			2	50	60/30	50	80	35	79	3		60	30				35	52	26
42WH1-B00* 09* 15*	230/208 3	18.4/19.9 40.1/38.6 39.6/39.6	1			35	24	24	1								24		
			1			60	51	51	1								51		
			1			60	53	53	1								53		
48WH6-A00* 10* 15* 20*	230/208 1	28.3/31.3 69.9/67.5 96.8/85.4 87.2/78.1	1			80	38	38	1								38		
			1	60/60		100	90	90	2		60						38	52	
			2	60	60/30	60	80	38	79	3		60	30				38	52	26
			2	60	60/60	80	110	38	104	3		60	60	60			38	52	52
48WH6-B00* 09* 15* 18*	230/208 3	22.8/24.8 44.5/43.5 59.0/56.0 47.3/43.5	1			45	30	30	1								30		
			1	45/30		60	58	58	1								58		
			1	45/45		80	76	76	2		50						30	46	
			1	45/60		60	60	60	2		45	60					30	55	
48WH6-C00* 09* 15*	460 3	12.2 23.0 30.2	1			20	15	15	1								15		
			1			30	29	29	1								29		
			1			40	37	37	1								37		
60WH1-A00* 10* 15* 20*	230/208 1	32.8/37.8 74.4/74.0 95.3/91.9 87.2/78.1	1			60	46	46	1								46		
			1	60/60		110	98	98	2		60						46	52	
			2	60	60/30	60	80	46	79	3		60	30				46	52	26
			2	60	60/60	60	110	46	104	3		60	60	60			46	52	52
60WH1-B00* 09* 15* 18*	230/208 3	25.8/27.8 47.5/46.5 62.0/59.0 47.5/46.5	1			50	34	34	1								34		
			1	50/30		60	60	60	1								60		
			1	50/45		80	79	79	2		50	50					34	46	
			1	50/60		60	60	60	2		50	60					34	55	
60WH1-C00* 09* 15*	460 3	13.2 24.0 31.2	1			25	16	16	1								16		
			1			35	30	30	1								30		
			1			40	39	39	1								39		

* = N for standard models (less circuit breakers).

= C for models with circuit breakers.

① Maximum KW that can operate with heat pump on.

② Maximum size of the time delay fuse or HACR type circuit breaker for protection of field wiring conductors. (Sizes 70 amp or greater are not HACR type)

③ These "Minimum Circuit Ampacity" values are to be used for sizing the field power conductors. Refer to the National Electric Code (latest revision), article 310 for power conductor sizing. Caution: When more than one field power conductor circuit is run thru one conduit, the conductors must be derated. Pay special attention to note 8 of tables 310 regarding Ampacity Adjustment Factors when more than 3 conductors are in a raceway.

④ All wiring must conform to the National Electrical Code and all local codes.

Cooling Application Data — Outdoor Temperature °F^①

MODEL	D.B./W.B.②	COOLING CAPACITY	75°	80°	85°	90°	95°	100°	105°	110°	115°
18WH6	75/ 62	Total Cooling	20,000	19,200	18,500	17,800	17,140	16,500	15,900	15,300	14,775
		Sensible Cooling	15,600	15,500	15,300	15,100	14,750	14,400	14,000	13,500	12,960
	80/ 67	Total Cooling	21,300	21,000	21,000	20,100	19,700	19,200	18,800	18,300	17,800
		Sensible Cooling	15,100	15,200	15,200	15,100	14,900	14,700	14,300	14,000	13,500
	85/ 72	Total Cooling	25,840	24,770	23,760	22,790	21,870	21,000	20,180	19,410	18,690
		Sensible Cooling	15,540	15,420	15,220	14,950	14,600	14,710	13,670	13,080	12,420
24WH6	75/ 62	Total Cooling	24,900	23,800	22,600	21,600	20,700	19,900	19,000	18,400	17,805
		Sensible Cooling	19,100	19,000	18,700	18,400	18,020	17,500	17,000	16,300	15,600
	80/ 67	Total Cooling	25,700	25,900	25,200	24,500	23,800	23,200	22,600	22,000	21,450
		Sensible Cooling	18,500	18,600	18,600	18,400	18,200	17,900	17,400	16,900	16,250
	85/ 72	Total Cooling	31,060	29,830	28,650	27,510	26,420	25,380	24,380	23,430	22,525
		Sensible Cooling	19,000	18,870	18,640	18,290	17,840	17,280	16,610	15,830	14,950
30WH6	75/ 62	Total Cooling	31,300	29,900	28,400	27,000	25,580	24,200	22,800	21,400	20,000
		Sensible Cooling	24,800	24,100	23,500	22,800	22,175	21,500	21,000	20,300	19,730
	80/ 67	Total Cooling	33,500	32,600	31,600	30,500	29,400	28,200	26,900	25,500	24,100
		Sensible Cooling	24,100	23,700	23,300	22,900	22,400	22,000	21,500	21,000	20,550
	85/ 72	Total Cooling	39,660	37,930	36,180	34,420	32,635	30,830	29,010	27,170	25,305
		Sensible Cooling	24,600	24,000	23,340	22,650	21,950	21,950	20,470	19,700	18,905
36WH7	75/ 62	Total Cooling	37,100	35,700	34,000	32,600	30,800	28,900	26,900	24,700	22,375
		Sensible Cooling	28,800	28,000	27,000	26,500	25,620	24,800	23,800	22,800	21,840
	80/ 67	Total Cooling	39,600	39,000	38,000	36,800	35,400	33,700	31,700	29,500	26,960
		Sensible Cooling	27,900	27,500	27,000	26,500	25,875	25,200	24,500	23,600	22,750
	85/ 72	Total Cooling	46,960	45,360	43,550	41,500	39,300	36,860	34,220	31,370	28,310
		Sensible Cooling	28,550	27,870	27,110	26,270	25,360	24,370	23,300	22,150	20,930
42WH1	75/ 62	Total Cooling	42,750	41,195	39,570	37,875	36,105	34,225	32,205	30,220	28,090
		Sensible Cooling	35,845	34,910	33,975	33,075	32,205	31,335	30,465	29,630	28,825
	80/ 67	Total Cooling	46,230	45,440	44,490	42,870	41,500	40,090	38,555	36,520	34,235
		Sensible Cooling	34,480	34,160	33,735	33,150	32,530	31,850	31,165	30,545	30,025
	85/ 72	Total Cooling	54,080	52,420	50,440	48,320	46,065	43,625	41,090	38,280	35,520
		Sensible Cooling	35,035	34,400	33,665	32,800	31,880	30,795	29,650	28,405	27,035
48WH6	75/ 62	Total Cooling	52,220	49,410	46,730	44,180	41,760	39,470	37,310	35,380	33,375
		Sensible Cooling	41,700	40,900	40,050	39,115	38,115	37,045	35,905	34,690	33,410
	80/ 67	Total Cooling	56,400	54,300	52,200	50,000	48,000	46,000	44,100	42,200	40,200
		Sensible Cooling	40,700	40,300	39,800	39,200	38,500	37,700	36,800	35,800	34,800
	85/ 72	Total Cooling	67,300	63,520	59,920	56,510	53,280	50,230	47,380	44,700	42,210
		Sensible Cooling	41,500	40,740	39,860	38,850	37,730	36,480	35,120	33,630	32,015
60WH1	75/ 62	Total Cooling	59,000	56,330	53,726	51,189	48,720	46,317	43,981	41,712	39,510
		Sensible Cooling	45,457	44,455	43,424	42,367	41,283	40,171	39,033	37,867	36,675
	80/ 67	Total Cooling	63,800	61,900	60,000	58,000	56,000	54,000	51,800	49,700	47,600
		Sensible Cooling	44,600	43,800	43,000	42,200	41,700	40,600	39,700	39,000	38,200
	85/ 72	Total Cooling	75,730	72,210	68,770	65,420	62,160	58,980	55,900	52,890	49,980
		Sensible Cooling	45,280	44,300	43,240	42,090	40,865	39,560	38,170	36,700	35,144

- ① Below 65°F, unit requires a field installed low ambient control.
 ② Return air temp. °F.

CAPACITY MULTIPLIER FACTORS			
% of Rated Air Flow	-10	Rated	+10
Total Btuh	0.975	1.0	1.02
Sensible Btuh	.95	1.0	1.05

Heating Application Ratings Outdoor Temperature °F*

OUTDOOR MODEL		0°	5°	10°	15°	17°	20°	25°	30°	35°	40°	45°	47°	50°	55°	60°	65°
18WH6	BTUH	7,000	7,950	8,950	9,950	10,350	10,900	11,900	12,950	13,950	15,950	18,000	19,000	19,700	21,000	22,400	23,700
	WATTS	1,650	1,665	1,680	1,690	1,700	1,710	1,720	1,730	1,745	1,815	1,885	1,920	1,960	2,030	2,100	2,170
	COP	1.24	1.40	1.56	1.72	1.78	1.87	2.03	2.19	2.34	2.57	2.80	2.90	2.94	3.03	3.13	3.20
24WH6	BTUH	8,500	9,700	10,800	11,950	12,400	13,000	14,200	15,300	16,450	19,500	22,650	23,800	24,900	26,650	28,500	30,300
	WATTS	1,920	1,955	1,985	2,020	2,035	2,050	2,085	2,120	2,155	2,220	2,285	2,325	2,365	2,435	2,505	2,575
	COP	1.30	1.45	1.59	1.73	1.79	1.86	2.00	2.11	2.24	2.57	2.89	3.00	3.08	3.20	3.33	3.45
30WH6	BTUH	10,000	11,800	13,500	15,300	15,950	17,000	18,800	20,550	22,300	24,950	27,600	28,600	29,750	31,650	33,600	35,500
	WATTS	2,320	2,370	2,420	2,470	2,485	2,520	2,570	2,620	2,670	2,765	2,865	2,910	2,965	3,070	3,170	3,270
	COP	1.26	1.46	1.63	1.81	1.88	1.98	2.14	2.30	2.45	2.64	2.82	2.88	2.94	3.02	3.11	3.18
36WH7	BTUH	17,000	18,200	19,500	20,800	21,250	22,100	23,350	24,650	26,000	30,400	34,800	36,400	37,800	40,100	42,400	44,750
	WATTS	2,850	2,900	2,940	2,980	3,000	3,020	3,065	3,110	3,150	3,370	3,600	3,680	3,740	3,850	3,960	4,070
	COP	1.74	1.84	1.94	2.04	2.08	2.14	2.23	2.32	2.42	2.64	2.83	2.90	2.96	3.05	3.14	3.22
42WH1	BTUH	15,500	18,200	20,650	23,150	24,000	25,600	28,000	30,500	32,800	37,000	41,400	43,000	44,800	47,800	50,800	53,400
	WATTS	3,100	3,150	3,300	3,400	3,460	3,500	3,660	3,750	3,870	3,945	4,107	4,153	4,200	4,350	4,500	4,660
	COP	1.46	1.69	1.83	1.99	2.03	2.14	2.24	2.38	2.48	2.74	2.95	3.03	3.12	3.21	3.30	3.35
48WH6	BTUH	15,000	18,000	21,000	24,000	25,200	27,000	30,000	33,000	38,400	41,500	46,600	48,000	50,000	53,500	56,800	60,300
	WATTS	3,450	3,610	3,755	3,900	3,955	4,050	4,200	4,350	4,450	4,700	4,700	4,930	5,040	5,150	5,270	
	COP	1.27	1.46	1.64	1.80	1.87	1.95	2.09	2.22	2.40	2.66	2.91	2.96	2.97	3.10	3.23	3.35
60WH1	BTUH	20,500	23,800	26,700	29,700	30,800	32,750	35,850	38,850	42,000	48,700	55,200	58,000	59,500	62,300	64,800	67,300
	WATTS	3,900	4,110	4,300	4,500	4,575	4,690	4,875	5,080	5,250	5,470	5,660	5,740	5,850	6,050	6,250	6,450
	COP	1.54	1.70	1.82	1.93	1.97	2.05	2.15	2.24	2.34	2.61	2.86	2.96	2.98	3.02	3.08	3.06

*70 degrees F DB indoor Return Air at Rated CFM includes defrost operation below 45 degrees.