



# HCH9

## Quiet Comfort™ DXT+

### Product Specifications

## HIGH EFFICIENCY 19 SEER TWO-STAGE HEAT PUMP WITH OBSERVER™ COMMUNICATING CONTROL SYSTEM

### 2 THRU 5 TONS SPLIT SYSTEM

208-230 Volt, 1-phase, 60 Hz  
REFRIGERATION CIRCUIT

- Copeland Scroll® Ultratech™ compressors on all models
- Crankcase Heater factory installed
- Suction line accumulator factory installed
- Bi-flow filter-drier included for field installation
- Integrated solid state control with Time-Temperature Defrost
- High and low pressure switches
- Discharge gas thermostat
- Copper tube / aluminum fin coil

#### PERFORMANCE

- Self configuring installation capabilities with Observer Communicating Wall Control
- Outdoor temperature sensor factory installed
- Ball Bearing ECM Fan Motors on all models
- High performance compressor sound shield standard
- Isolation compressor grommets

#### EASY TO INSTALL AND SERVICE

- Text based diagnostics with Observer Communicating Wall Control
- Only 2 control wires required from communicating indoor unit to condenser
- Easy access service valves on all models
- Innovative control box design
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

#### BUILT TO LAST

- High gloss, baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- Corner posts for extra strength and style

#### WARRANTY\*

- 10 year No Hassle Replacement™ limited warranty
- 5 year parts limited warranty (including compressor and coil)
  - With timely registration, an additional 5 year parts limited warranty (including compressor and coil)

\* Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.



TSTAT0101SC  
(Sold Separately)



This product has been designed and manufactured to meet ENERGY STAR criteria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow the manufacturer's refrigerant charging and air flow instructions. Failure to confirm proper charge and airflow may reduce energy efficiency and shorten equipment life.

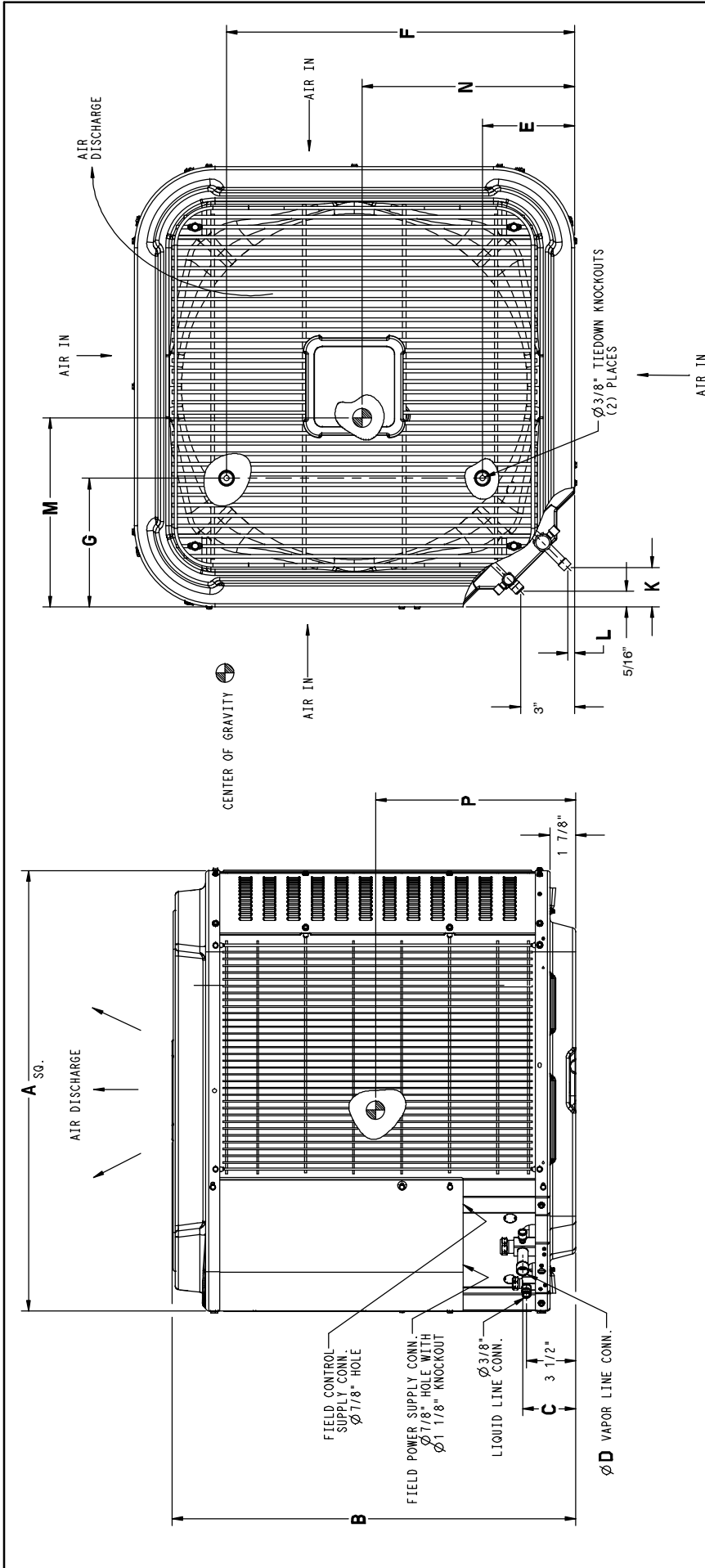


Use of the AHRI Certified™ Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to [www.ahridirectory.org](http://www.ahridirectory.org).

Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight lbs. (kg)
HCH924GKA	2	24,000	17.6	25	40-1/8 x 35 x 35 (1019 x 889 x 889)	309 / 266 (140 / 121)
HCH936GKA	3	36,000	24.8	40	43-1/2 x 35 x 35 (1105 x 889 x 889)	328 / 283 (149 / 128)
HCH948GKA	4	48,000	35.4	50	46-7/8 x 35 x 35 (1191 x 889 x 889)	365 / 319 (166 / 145)
HCH960GKA	5	60,000	38.4	60	46-7/8 x 35 x 35 (1191 x 889 x 889)	365 / 320 (166 / 145)

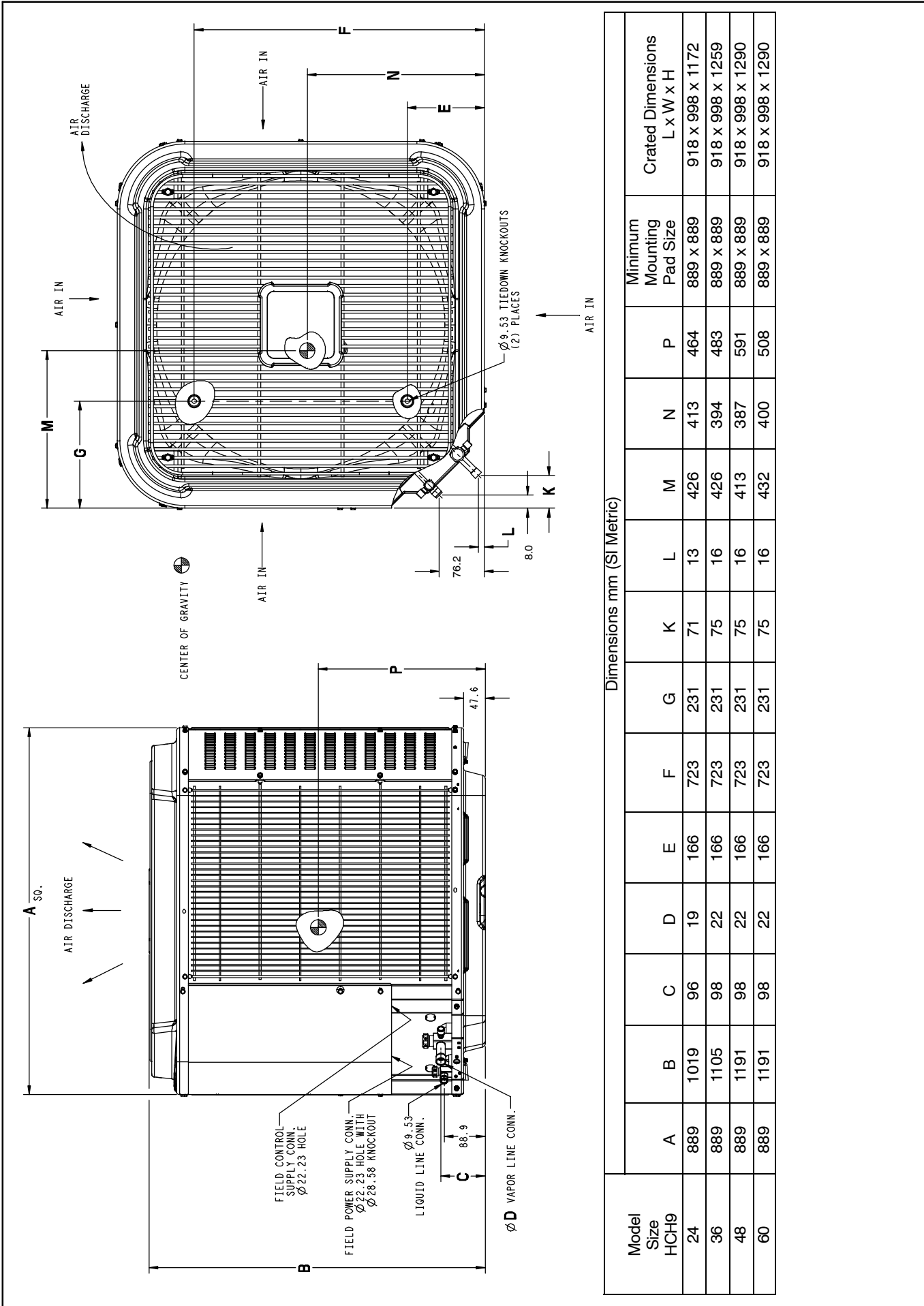
<b>OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (single phase)</b>											
Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	<b>H</b>	<b>C</b>	<b>H</b>	<b>9</b>	<b>24</b>	<b>G</b>	<b>K</b>	<b>A</b>	<b>2</b>	<b>0</b>	<b>0</b>
H = Heil Mainline		<b>BRANDING</b>									
C = Communicating		<b>KEY CHARACTERISTIC</b>									
A = Air Conditioner											
H = Heat Pump		<b>TYPE</b>									
6 = 16 SEER											
7 = 17 SEER											
8 = 18 SEER											
9 = 19 SEER		<b>NOMINAL EFFICIENCY</b>									
24 = 24,000 BTUH = 2 tons											
36 = 36,000 BTUH = 3 tons											
48 = 48,000 BTUH = 4 tons											
60 = 60,000 BTUH = 5 tons		<b>NOMINAL CAPACITY</b>									
G = Coil Guard Grille				<b>FEATURES</b>							
K = 208-230-1-60				<b>VOLTAGE</b>							
Sales Code											
Engineering Revision											
Extra Digit											
Extra Digit											

<b>ACCESSORIES PART NUMBER IDENTIFICATION GUIDE</b>									
Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11	
Example Part Number:	<b>N</b>	<b>A</b>	<b>S</b>	<b>A</b>	<b>0</b>	<b>01</b>	<b>01</b>	<b>CH</b>	
N = Non-Branded		<b>PRODUCT GROUP</b>							
A = Accessory									
S = Split System (AC & HP)		<b>KIT USAGE</b>							
A = Original									
B = 2nd Generation		<b>MAJOR SERIES</b>							
0 = Generic or Not Applicable									
2 = R-22									
4 = R-410A		<b>REFRIGERANT</b>							
Product Identifier Number									
Package Quantity									
Type of Kit (Example: CH = Crankcase Heater)									



Dimensions Inches (English)

Model Size HCH9	Dimensions Inches (English)										Crated Dimensions L x W x H	Minimum Mounting Pad Size	P	N	M	L	K	G	F	E	D	C	B	A											
	A	B	C	D	E	F	G	K	L	M															N										
24	35	40-1/8	3-3/4	3/4	6-9/16	28-7/16	9-1/8	2-13/16	1/2	16-3/4	16-1/4	18-1/4	35 x 35	18-1/4	16-1/4	16-3/4	2-13/16	9-1/8	28-7/16	3/4	3-3/4	40-1/8	35	36-1/8 x 39-1/4 x 46-1/8	35 x 35	18-1/4	16-1/4	16-3/4	2-13/16	9-1/8	28-7/16	3/4	3-3/4	40-1/8	35
36	35	43-1/2	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	16-3/4	15-1/2	19	35 x 35	19	15-1/2	16-3/4	2-15/16	9-1/8	28-7/16	7/8	3-7/8	43-1/2	35	36-1/8 x 39-1/4 x 49-9/16	35 x 35	19	15-1/2	16-3/4	2-15/16	9-1/8	28-7/16	7/8	3-7/8	43-1/2	35
48	35	46-7/8	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	16-1/4	15-1/4	23-1/4	35 x 35	23-1/4	15-1/4	16-1/4	2-15/16	9-1/8	28-7/16	7/8	3-7/8	46-7/8	35	36-1/8 x 39-1/4 x 50-13/16	35 x 35	23-1/4	15-1/4	16-1/4	2-15/16	9-1/8	28-7/16	7/8	3-7/8	46-7/8	35
60	35	46-7/8	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17	15-3/4	20	35 x 35	20	15-3/4	17	2-15/16	9-1/8	28-7/16	7/8	3-7/8	46-7/8	35	36-1/8 x 39-1/4 x 50-13/16	35 x 35	20	15-3/4	17	2-15/16	9-1/8	28-7/16	7/8	3-7/8	46-7/8	35



Dimensions mm (SI Metric)

Model Size HCH9	A	B	C	D	E	F	G	K	L	M	N	P	Minimum Mounting Pad Size	Crated Dimensions L x W x H
24	889	1019	96	19	166	723	231	71	13	426	413	464	889 x 889	918 x 998 x 1172
36	889	1105	98	22	166	723	231	75	16	426	394	483	889 x 889	918 x 998 x 1259
48	889	1191	98	22	166	723	231	75	16	413	387	591	889 x 889	918 x 998 x 1290
60	889	1191	98	22	166	723	231	75	16	432	400	508	889 x 889	918 x 998 x 1290

PHYSICAL DATA					
Model Size		24	36	48	60
Nominal Cooling Capacity (BTU/hr)		24,000	36,000	48,000	60,000
SEER Rating‡		18.0	19.0	17.0	16.0
Sound Rating**, High Stage (dBA)		69	70	72	73
Low Stage (dBA)		69	66	68	72
ECM Fan Motor HP		1/5	1/5	1/5	1/5
Fan RPM Hi Speed		613	689	765	828
Fan RPM Low Speed		556	582	659	742
Fan CFM Hi Speed		2934	3700	4281	4668
Fan CFM Low Speed		2662	3124	3728	4209
Coil Face Area (ft <sup>2</sup> )		25.15	27.53	30.18	30.18
Coil Rows – fins per inch		2–20	2–20	2–20	2–20
Low Pressure Switch	Open Pressure Close Pressure	23 ± 5 PSIG 55 ± 5 PSIG	23 ± 5 PSIG 55 ± 5 PSIG	23 ± 5 PSIG 55 ± 5 PSIG	23 ± 5 PSIG 55 ± 5 PSIG
Hi Pressure Switch	Open Pressure Close Pressure	670 ± 10 PSIG 470 ± 25 PSIG	670 ± 10 PSIG 470 ± 25 PSIG	670 ± 10 PSIG 470 ± 25 PSIG	670 ± 10 PSIG 470 ± 25 PSIG
Liquid Line Connection Size in. (mm)		3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vapor Line Connection Size in. (mm)		3/4 (19)	7/8 (22)	7/8 (22)	7/8 (22)
Recommended Line Set Liquid Tube Diameter in. (mm)		3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Recommended Line Set Vapor Tube Diameter in. (mm)*		3/4 (19)*	7/8 (22)*	1–1/8 (29)*	1–1/8 (29)*
* Recommended Vapor Tube Line size is for standard installations. These recommendations may not apply to “Long Line” installations. When the total equivalent line length exceeds 80 feet (24.4m) or there is more than 20 feet (6.1m) vertical separation between indoor and outdoor units, consult the Long Line Application Guideline document before purchasing/installing line sets.					
Factory Charge R–410A lbs. (kg)		13.58 (6.16)	14.03(6.36)	14.45 (6.55)	14.70(6.67)
Required Subcooling °F (°C)		11 (6.1)	11 (6.1)	9 (5.0)	11 (6.1)
Outdoor Unit Factory Piston Size (used in Outdoor Unit for heating mode)		46	57	61	67

ELECTRICAL DATA (208–230–1–60, voltage range 197V – 253V)					
Model Size		24	36	48	60
Minimum Circuit Ampacity – <b>MCA</b> (amps)		17.6	24.8	35.4	38.4
Maximum OverCurrent Protective device – <b>MOCP</b> (amps)		25	40	50	60
Compressor <b>RLA</b> (Rated Load Amps)		12.6	18.0	26.2	28.8
<b>LRA</b> (Locked Rotor Amps)		58.3	83.0	104.0	152.9
Fan Motor <b>FLA</b> (Full Load Amps)		1.8	2.3	2.6	2.4

‡ Highest sales volume tested combination

\*\*Sound Rating tested in accordance with AHRI Standard 270–95 (not listed with AHRI).

R-410A COOLING CAPACITY LOSS FOR VARIOUS LINE LENGTHS & TUBE DIAMETERS											
Unit Nominal Size (Btuh)	Maximum Liquid Line Diameter (OD) in.(mm)	Vapor Line Diameters (OD) in. (mm)	Cooling Capacity Loss (%) at Total Equivalent Line Length, feet (m)								
			26-50 (7.9-15.2)	51-80 (15.5-24.4)	81-100 (24.7-30.5)	101-125 (30.8-38.1)	126-150 (38.4-45.7)	151-175 (46.0-50.3)	176-200 (53.6-60.0)	201-225 (61.3-68.6)	226-250 (68.9-76.2)
24 2-Stage HP	3/8 (10)	5/8 (16)	0	1	1	2	3	3	4	4	5
		3/4 (19)	0	1	1	1	1	1	1	1	1
36 2-Stage HP		5/8 (16)	1	2	4	5	6	7	9	10	11
		3/4 (19)	0	0	1	1	2	2	3	3	4
		7/8 (22)	0	0	-	-	-	-	-	-	-
48 2-Stage HP		3/4 (19)	1	2	2	3	4	5	6	7	7
		7/8 (22)	0	1	1	2	2	2	3	3	4
		1-1/8 (29)	0	0	-	-	-	-	-	-	-
60 2-Stage HP		3/4 (19)	1	2	4	5	6	8	9	10	11
		7/8 (22)	0	1	2	2	3	4	4	5	5
		1-1/8 (29)	0	0	-	-	-	-	-	-	-

Standard Length – 80 ft. (24.4m) or less total equivalent length.

Applications in this area are long line. Accessories are required as shown recommended on the AC & HP R410A Split System Long Line Applications Guideline.

Applications in this area may have height restrictions that limit allowable total equivalent length, when outdoor unit is below indoor unit.

- Applications in this area are not recommended due to insufficient oil return.

**COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS Indoor Models**  
 AHRI STANDARD RATINGS

Unit Size	Indoor Model *Tested Model	Furnace Model	Cooling										Heating									
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP		Capacity		COP			
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	
			24800	25200	18	13.5	800	760	25000	18600	4.2	4.4	15500	10500	2.96	2.6	10					
HCH924GKA	FCM4X36****		24800	22200	18	13.5	800	760	25000	18600	4.2	4.4	15500	10500	2.96	2.6	10					
	FCM4X24****		25200	22200	17.5	13.7	800	760	25000	18700	4.18	4.36	15600	10600	2.94	2.56	9.7					
	FVM4X24****		24400	20800	17	13.5	700	560	25000	17900	4.04	4	15400	10100	2.88	2.44	9.2					
	FVM4X36****		24600	20800	17	13.7	700	560	25000	17900	4.06	4.02	15300	10100	2.9	2.46	9.2					
	EA*4X24*14A*	*8MV*0701412**	24800	21800	17	13.5	800	760	25000	18700	4.08	4.26	15600	10700	2.88	2.54	9.5					
	EA*4X24*14A*	*8MX*0451408**	24200	20800	16.5	13.2	710	580	25000	18000	3.94	3.96	15500	10300	2.82	2.44	9					
	EA*4X24*14A*	*9MV*0401410A**	23800	20600	15.7	12.5	690	555	25000	18000	3.8	3.82	15700	10300	2.72	2.36	8.8					
	EA*4X24*14A*	*9MX*0401410A**	24200	20200	15.7	12.2	775	525	25000	17800	3.84	3.78	16000	10200	2.72	2.36	8.8					
	EA*4X24*14A*	MV08**14C*	24000	20800	16.7	13.2	669	562	25000	17900	3.96	3.98	15300	10100	2.84	2.44	9					
	EA*4X24*14A*		24200	21400	14.2	12	800	760	25000	19300	3.8	3.86	16200	11300	2.68	2.34	8.8					
	EA*4X24*17A*	*8MV*0701412**	24800	22000	17	13.5	800	760	25000	18700	4.1	4.28	15600	10600	2.9	2.56	9.5					
	EA*4X24*17A*	*8MV*0901716**	24800	22000	17.2	13.7	800	760	25000	18600	4.12	4.32	15500	10600	2.92	2.56	9.7					
	EA*4X24*17A*	*8MX*0451408**	24400	20800	16.5	13.2	725	585	25000	18100	3.98	3.98	15500	10300	2.84	2.44	9					
	EA*4X24*17A*	*9MA*0601714A**	24600	21800	16.2	13.2	800	760	25000	18800	4.02	4.18	15700	10800	2.84	2.5	9.2					
	EA*4X24*17A*	*9MA*0801714A**	24800	21800	16.7	13.2	800	760	25000	18700	4.06	4.22	15700	10700	2.86	2.52	9.5					
	EA*4X24*17A*	*9MV*0401410A**	24000	20600	15.7	12.5	700	560	25000	18100	3.82	3.84	15700	10300	2.72	2.38	8.8					
	EA*4X24*17A*	*9MV*0601714A**	24600	21200	16.5	13.2	770	635	25000	18300	4	4.06	15700	10400	2.84	2.46	9.2					
	EA*4X24*17A*	*9MV*0801716A**	24600	21400	16.7	13.2	785	660	25000	18400	4.04	4.12	15600	10500	2.86	2.5	9.2					
	EA*4X24*17A*	*9MX*0401410A**	24200	20400	15.7	12.2	785	530	25000	17900	3.86	3.8	16000	10200	2.72	2.36	8.8					
	EA*4X24*17A*	*9MX*0601714A**	25000	21600	16.7	13	905	705	25000	18500	4.08	4.18	16000	10600	2.86	2.52	9.2					
	EA*4X24*17A*	MV08**14C*	24000	20800	16.7	13.5	669	562	25000	17900	3.96	3.98	15200	10100	2.84	2.44	9					
	EA*4X24*17A*	MV12**17C*	24200	21000	17	13.5	694	584	25000	18000	4.02	4.04	15300	10200	2.86	2.48	9					
	EA*4X24*17A*	NOMV106D12*	24800	20000	16.2	13.2	801	486	25000	17500	4.08	3.76	15600	9900	2.88	2.36	8.8					
	EA*4X24*17A*	OLV098A12A	24400	19800	16	13.2	719	460	25000	17300	3.98	3.66	15400	9800	2.84	2.3	8.5					
	EA*4X24*17A*	OMV098J12A	24400	20600	16.5	13.2	724	548	25000	17800	3.96	3.92	15500	10100	2.82	2.42	9					
	EA*4X24*17A*	OMV112K14A	24200	20800	16.7	13.2	689	580	25000	18000	3.96	4.02	15300	10200	2.84	2.46	9.2					
	EA*4X24*17A*		24200	21400	14.2	12	800	760	25000	19300	3.8	3.86	16200	11300	2.68	2.34	8.8					
	EA*4X30*14A*	*8MV*0701412**	24800	21800	17	13.5	800	760	25000	18700	4.12	4.32	15600	10700	2.92	2.56	9.7					
	EA*4X30*14A*	*8MX*0451408**	24400	20800	16.5	13.2	720	585	25000	18100	3.98	4.02	15500	10300	2.84	2.46	9.2					
	EA*4X30*14A*	*9MV*0401410A**	24000	20600	15.7	12.5	695	560	25000	18100	3.82	3.88	15700	10400	2.74	2.38	8.8					
	EA*4X30*14A*	*9MX*0401410A**	24400	20400	15.7	12.2	780	530	25000	17900	3.86	3.82	16000	10200	2.74	2.38	8.8					
	EA*4X30*14A*	MV08**14C*	24200	20800	16.7	13.5	669	562	25000	17900	3.98	4.02	15300	10100	2.86	2.46	9					
	EA*4X30*14A*		24400	21200	14.2	12	800	760	25000	19300	3.82	3.88	16200	11300	2.7	2.34	8.8					
	EA*4X30*17A*	*8MV*0701412**	25000	21800	17.2	13.7	800	760	25000	18700	4.14	4.34	15600	10600	2.94	2.58	9.7					
	EA*4X30*17A*	*8MV*0901716**	25000	22000	17.2	13.7	800	760	25000	18700	4.16	4.38	15500	10600	2.96	2.6	9.7					
	EA*4X30*17A*	*8MX*0451408**	24400	21000	16.5	13.2	735	595	25000	18100	4.02	4.04	15500	10300	2.86	2.46	9.2					
	EA*4X30*17A*	*9MA*0601714A**	24800	21800	16.5	13.2	800	760	25000	18800	4.06	4.24	15700	10800	2.88	2.52	9.5					
	EA*4X30*17A*	*9MA*0801714A**	24800	21800	16.7	13.5	800	760	25000	18800	4.1	4.28	15700	10700	2.9	2.54	9.5					

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating								
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP		
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	
			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High
HCH924GKA	EA*4X30*17A*	*9MV*0401410A**	24000	20600	15.7	12.5	710	570	25000	18200	3.86	3.9	15700	10400	2.76	2.4	9
	EA*4X30*17A*	*9MV*0601714A**	24800	21200	16.5	13.2	785	655	25000	18400	4.04	4.14	15700	10500	2.86	2.5	9.2
	EA*4X30*17A*	*9MV*0801716A**	24800	21400	16.7	13.2	800	685	25000	18500	4.1	4.22	15700	10500	2.9	2.52	9.5
	EA*4X30*17A*	*9MX*0401410A**	24400	20400	15.7	12.2	795	540	25000	17900	3.9	3.86	16100	10200	2.76	2.38	8.8
	EA*4X30*17A*	*9MX*0601714A**	25200	21600	16.7	13.2	920	720	25000	18600	4.12	4.26	16000	10600	2.88	2.54	9.5
	EA*4X30*17A*	MV08**14C*	24200	20800	17	13.5	699	562	25000	17900	3.98	4.02	15300	10100	2.86	2.46	9
	EA*4X30*17A*	MV12**17C*	24400	21000	17	13.5	694	584	25000	18000	4.04	4.08	15300	10200	2.88	2.48	9
	EA*4X30*17A*	NOMV106D12*	24800	20000	16.5	13.2	801	486	25000	17500	4.12	3.8	15600	9900	2.92	2.38	9
	EA*4X30*17A*	OLV098A12A	24400	19800	16	13.2	719	460	25000	17400	4.02	3.68	15500	9800	2.86	2.32	8.5
	EA*4X30*17A*	OMV098J12A	24400	20600	16.5	13.2	724	548	25000	17900	4	3.98	15500	10100	2.86	2.44	9
	EA*4X30*17A*	OMV112K14A	24200	20800	16.7	13.5	689	580	25000	18000	4	4.06	15300	10200	2.88	2.48	9.2
	EA*4X30*17A*		24400	21200	14.2	12	800	760	25000	19300	3.82	3.88	16200	11300	2.7	2.34	8.8
	EA*4X36*14A*	*8MV*0701412**	25000	22000	17	13.7	800	760	25000	18800	4.14	4.34	15600	10700	2.92	2.56	9.7
	EA*4X36*14A*	*8MX*0451408**	24400	21000	16.5	13.2	725	590	25000	18100	4.02	4.04	15500	10300	2.86	2.46	9.2
	EA*4X36*14A*	*9MV*0401410A**	24000	20600	15.7	12.5	700	565	25000	18200	3.86	3.9	15800	10400	2.74	2.4	8.8
	EA*4X36*14A*	*9MX*0401410A**	24400	20400	15.7	12.2	785	535	25000	17900	3.9	3.86	16100	10200	2.74	2.38	8.8
	EA*4X36*14A*	MV08**14C*	24200	20800	17	13.5	669	562	25000	18000	4	4.04	15300	10100	2.86	2.46	9
	EA*4X36*14A*		24400	21400	14.2	12	800	760	25000	19300	3.84	3.9	16200	11300	2.72	2.34	8.8
	EA*4X36*17A*	*8MV*0701412**	25000	22000	17.2	13.7	800	760	25000	18700	4.16	4.36	15600	10600	2.94	2.58	9.7
	EA*4X36*17A*	*8MV*0901716**	25000	22000	17.5	13.7	800	760	25000	18700	4.18	4.4	15600	10600	2.96	2.6	9.7
EA*4X36*17A*	*8MX*0451408**	24600	21000	16.7	13.2	740	600	25000	18200	4.04	4.08	15500	10300	2.88	2.48	9.2	
EA*4X36*17A*	*9MA*0601714A**	24800	21800	16.5	13.2	800	760	25000	18900	4.08	4.26	15700	10800	2.88	2.52	9.5	
EA*4X36*17A*	*9MA*0801714A**	25000	21800	16.7	13.5	800	760	25000	18800	4.12	4.3	15700	10700	2.9	2.54	9.5	
EA*4X36*17A*	*9MV*0401410A**	24200	20600	15.7	12.5	710	570	25000	18200	3.88	3.92	15800	10400	2.76	2.4	9	
EA*4X36*17A*	*9MV*0601714A**	24800	21400	16.7	13.2	790	660	25000	18500	4.08	4.18	15700	10500	2.88	2.5	9.2	
EA*4X36*17A*	*9MV*0801716A**	25000	21600	16.7	13.5	805	690	25000	18500	4.12	4.24	15700	10500	2.9	2.52	9.5	
EA*4X36*17A*	*9MX*0401410A**	24600	20400	16	12.2	800	540	25000	18000	3.92	3.88	16100	10200	2.76	2.38	9	
EA*4X36*17A*	*9MX*0601714A**	25400	21800	16.7	13.2	925	725	25000	18700	4.16	4.28	16000	10600	2.9	2.54	9.5	
EA*4X36*17A*	MV08**14C*	24200	20800	17	13.5	669	562	25000	17900	4	4.04	15300	10100	2.86	2.46	9	
EA*4X36*17A*	MV12**17C*	24400	21000	17	13.7	694	584	25000	18000	4.06	4.1	15300	10200	2.9	2.5	9	
EA*4X36*17A*	NOMV106D12*	25000	20000	16.5	13.5	801	486	25000	17500	4.14	3.82	15600	9900	2.92	2.38	9	
EA*4X36*17A*	OLV098A12A	24400	19800	16	13.2	719	460	25000	17400	4.04	3.7	15500	9800	2.88	2.32	8.8	
EA*4X36*17A*	OMV098J12A	24400	20600	16.7	13.2	724	548	25000	17900	4.02	3.98	15500	10100	2.86	2.44	9.2	
EA*4X36*17A*	OMV112K14A	24400	21000	17	13.5	689	580	25000	18000	4.02	4.08	15300	10200	2.88	2.48	9.2	
EA*4X36*17A*		24400	21400	14.2	12	800	760	25000	19300	3.84	3.9	16200	11300	2.72	2.34	8.8	
EA*4X36*21A*	*8MV*0901716**	25000	22000	17.5	14	800	760	25000	18700	4.2	4.42	15500	10600	2.96	2.6	9.7	
EA*4X36*21A*	*8MV*1102120**	25000	22000	17.5	13.7	800	760	25000	18700	4.2	4.42	15500	10600	2.96	2.6	9.7	
EA*4X36*21A*	*9MA*0601714A**	24800	21800	16.7	13.5	800	760	25000	18800	4.1	4.28	15700	10700	2.9	2.54	9.5	
EA*4X36*21A*	*9MA*0602120A**	25000	22000	16.7	13.5	800	760	25000	18800	4.12	4.32	15700	10700	2.92	2.56	9.5	



Unit Size	AHRI STANDARD RATINGS																
	Cooling					Heating											
	Capacity		SEER	EER	ID CFM		High Temp		Low Temp								
	High	Low			High	Low	Capacity	COP	Capacity	COP							
HCH924GKA	EA*4X36*21A*	*9MA*0801714A**	25000	22000	17	13.5	800	760	25000	18800	4.14	4.32	15600	10700	2.92	2.56	9.7
	EA*4X36*21A*	*9MA*0802120A**	25000	22000	17.2	13.7	800	760	25000	18700	4.16	4.36	15600	10600	2.94	2.58	9.7
	EA*4X36*21A*	*9MA*1002122A**	25000	22000	17.2	13.7	800	760	25000	18700	4.18	4.38	15600	10600	2.94	2.58	9.7
	EA*4X36*21A*	*9MV*0601714A**	24800	21400	16.7	13.2	805	680	25000	18500	4.1	4.22	15700	10500	2.9	2.52	9.5
	EA*4X36*21A*	*9MV*0801716A**	25000	21800	17	13.5	815	720	25000	18600	4.14	4.28	15700	10600	2.92	2.54	9.5
	EA*4X36*21A*	*9MV*0802120A**	25000	22000	17.2	13.7	790	760	25000	18700	4.16	4.36	15600	10600	2.94	2.58	9.7
	EA*4X36*21A*	*9MV*1002120A**	25200	22200	17.2	13.7	840	810	25000	18900	4.22	4.44	15700	10700	2.96	2.6	9.7
	EA*4X36*21A*	MV12**17C*	24400	21000	17.2	13.7	694	584	25000	18000	4.06	4.12	15300	10200	2.9	2.5	9
	EA*4X36*21A*	NOMV106D12*	25000	20200	16.5	13.5	801	486	25000	17500	4.16	3.82	15600	9800	2.94	2.38	9
	EA*4X36*21A*	OLV098A12A	24400	19800	16.2	13.2	719	460	25000	17400	4.04	3.72	15400	9800	2.88	2.32	8.8
	EA*4X36*21A*	OMV098J12A	24400	20600	16.7	13.2	724	548	25000	17900	4.04	4	15500	10100	2.88	2.44	9.2
	EA*4X36*21A*	OMV112K14A	24400	21000	17	13.5	689	580	25000	18000	4.02	4.1	15300	10200	2.88	2.48	9.2
	EA*4X36*21A*		24400	21400	14.2	12	800	760	25000	19300	3.84	3.9	16200	11300	2.72	2.34	8.8
	EHD4X24A**	*8MV*0701412**	25000	22000	17	13.5	800	760	25000	18800	4.16	4.3	15700	10700	2.9	2.54	9.5
	EHD4X24A**	*8MV*0901716**	25000	22000	17	13.5	800	760	25000	18800	4.18	4.34	15700	10700	2.92	2.56	9.7
	EHD4X24A**	*8MV*1102120**	25000	22000	16.7	13.5	800	760	25000	18900	4.14	4.3	15700	10700	2.9	2.54	9.5
	EHD4X24A**	*8MV*1352422**	25000	22000	17	13.5	800	760	25000	18800	4.16	4.32	15700	10700	2.92	2.54	9.5
	EHD4X24A**	*8MX*0451408**	24200	20600	16.2	13	685	555	25000	18000	3.96	3.94	15500	10200	2.82	2.42	9
	EHD4X24A**	*9MA*0601714A**	24800	21800	16	13	800	760	25000	19000	4.06	4.18	15900	10900	2.84	2.48	9.2
	EHD4X24A**	*9MA*0602120A**	24800	21800	16.2	13.2	800	760	25000	19000	4.1	4.22	15800	10900	2.86	2.5	9.2
	EHD4X24A**	*9MA*0801714A**	24800	21800	16.2	13.2	800	760	25000	18900	4.1	4.24	15800	10800	2.86	2.5	9.5
	EHD4X24A**	*9MA*0802120A**	25000	22000	16.5	13.2	800	760	25000	18900	4.14	4.26	15800	10800	2.88	2.52	9.5
	EHD4X24A**	*9MA*1002122A**	25000	22000	16.7	13.2	800	760	25000	18900	4.14	4.28	15700	10800	2.9	2.52	9.5
	EHD4X24A**	*9MA*1202422A**	24800	22000	16.5	13.2	800	760	25000	18900	4.12	4.26	15800	10800	2.88	2.52	9.5
	EHD4X24A**	*9MV*0401410A**	23800	20400	15.5	12.5	665	530	25000	18000	3.82	3.78	15700	10300	2.72	2.34	8.8
	EHD4X24A**	*9MV*0601714A**	24800	21400	16.2	13	815	650	25000	18500	4.08	4.1	15900	10600	2.84	2.46	9.2
	EHD4X24A**	*9MV*0801716A**	24600	21000	16.5	13.2	745	600	25000	18200	4.06	4.04	15700	10400	2.86	2.46	9.2
	EHD4X24A**	*9MV*0802120A**	25000	21400	16.7	13.2	815	650	25000	18400	4.16	4.16	15800	10500	2.9	2.5	9.2
	EHD4X24A**	*9MV*1002120A**	24600	21400	16.7	13.2	760	655	25000	18500	4.1	4.16	15600	10500	2.88	2.5	9.2
	EHD4X24A**	*9MV*1202422A**	24600	21400	16.7	13.2	745	650	25000	18400	4.08	4.16	15600	10500	2.88	2.5	9.2
	EHD4X24A**	*9MX*0401410A**	24200	20200	15.5	12.2	755	505	25000	17800	3.88	3.74	16000	10100	2.72	2.32	8.5
	EHD4X24A**	*9MX*0601714A**	25000	21400	16.5	13	860	660	25000	18500	4.1	4.14	16000	10500	2.84	2.48	9.2
	EHD4X24A**	MV08**14C*	24200	20800	16.7	13.2	669	562	25000	18000	4.02	4	15300	10200	2.84	2.44	9
	EHD4X24A**	MV12**17C*	24400	21000	16.7	13.2	694	584	25000	18100	4.06	4.06	15400	10200	2.86	2.46	9
	EHD4X24A**	NOMV106D12*	24800	20000	16.2	13	801	486	25000	17600	4.1	3.78	15800	9900	2.86	2.36	8.8
	EHD4X24A**	OLV098A12A	24400	19800	15.7	13	719	460	25000	17400	4.02	3.66	15600	9800	2.84	2.3	8.5
	EHD4X24A**	OMV098J12A	24400	20600	16.2	13	724	548	25000	17900	4	3.94	15600	10200	2.82	2.42	9
	EHD4X24A**	OMV112K14A	24200	21000	16.5	13.2	689	580	25000	18100	4	4.02	15400	10300	2.84	2.44	9.2
	EHD4X24A**		24400	21400	14.5	12.2	800	760	25000	19400	3.88	3.92	16200	11300	2.72	2.34	8.8
	EHD4X30A**	*8MV*0701412**	25000	22000	17.2	13.7	800	760	25000	18800	4.2	4.36	15700	10700	2.92	2.56	9.7

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating							
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP	
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low
			25000	22200	17.2	13.7	800	760	25000	18800	4.24	4.4	15600	10600	2.94	2.58
HCH924GKA	EHD4X30A**	*8MV*0901716**	25000	22200	17.2	13.7	800	760	25000	18800	4.24	4.4	15600	10600	2.94	2.58
	EHD4X30A**	*8MV*1102120**	25000	22000	17.2	13.7	800	760	25000	18800	4.22	4.36	15700	10700	2.94	2.56
	EHD4X30A**	*8MV*1352422**	25000	22200	17.2	13.7	800	760	25000	18800	4.24	4.4	15600	10600	2.94	2.58
	EHD4X30A**	*8MX*0451408**	24400	21000	16.5	13.2	715	580	25000	18100	4.04	4.02	15500	10300	2.86	2.44
	EHD4X30A**	*9MA*0601714A**	25000	22000	16.5	13.2	800	760	25000	18900	4.12	4.24	15800	10800	2.86	2.5
	EHD4X30A**	*9MA*0602120A**	25000	22000	16.7	13.2	800	760	25000	18900	4.14	4.28	15800	10800	2.88	2.52
	EHD4X30A**	*9MA*0801714A**	25000	22000	16.7	13.2	800	760	25000	18900	4.16	4.3	15800	10800	2.9	2.54
	EHD4X30A**	*9MA*0802120A**	25000	22000	17	13.5	800	760	25000	18900	4.18	4.32	15700	10700	2.92	2.54
	EHD4X30A**	*9MA*1002122A**	25000	22000	17	13.5	800	760	25000	18800	4.2	4.34	15700	10700	2.92	2.56
	EHD4X30A**	*9MA*1202422A**	25000	22000	16.7	13.5	800	760	25000	18900	4.18	4.32	15700	10700	2.92	2.54
	EHD4X30A**	*9MV*0401410A**	24000	20600	15.7	12.5	690	555	25000	18100	3.88	3.88	15800	10300	2.74	2.38
	EHD4X30A**	*9MV*0601714A**	24600	21200	16.5	13.2	760	625	25000	18400	4.08	4.1	15700	10400	2.86	2.48
	EHD4X30A**	*9MV*0801716A**	24800	21400	16.7	13.2	775	645	25000	18400	4.14	4.16	15700	10500	2.88	2.5
	EHD4X30A**	*9MV*0802120A**	24200	21400	16.7	13.5	680	650	25000	18400	4.02	4.18	15400	10400	2.86	2.5
	EHD4X30A**	*9MV*1002120A**	25000	21800	17	13.5	810	725	25000	18700	4.2	4.32	15700	10600	2.92	2.54
	EHD4X30A**	*9MV*1202422A**	25000	21800	17	13.7	800	720	25000	18600	4.06	4.26	15400	10600	2.88	2.54
	EHD4X30A**	*9MX*0401410A**	24400	20400	16	12.2	780	530	25000	17900	3.94	3.84	16100	10200	2.74	2.36
	EHD4X30A**	*9MX*0601714A**	25400	21600	17	13.2	895	695	25000	18600	4.18	4.24	16000	10600	2.88	2.52
	EHD4X30A**	MV08**14C*	24200	20800	16.7	13.5	669	562	25000	18000	4.04	4.04	15300	10100	2.86	2.46
	EHD4X30A**	MV12**17C*	24400	21000	17	13.5	694	584	25000	18100	4.1	4.1	15400	10200	2.88	2.48
	EHD4X30A**	NOMV106D12*	25000	20200	16.5	13.2	801	486	25000	17500	4.16	3.7	15700	9900	2.9	2.36
	EHD4X30A**	OLV098A12A	24400	19800	16	13.2	719	460	25000	17400	4.06	3.8	15500	9800	2.86	2.32
	EHD4X30A**	OMV098J12A	24400	20800	16.7	13.2	724	548	25000	17900	4.04	3.98	15600	10100	2.84	2.42
	EHD4X30A**	OMV112K14A	24400	21000	16.7	13.5	689	580	25000	18100	4.04	4.06	15400	10200	2.86	2.46
	EHD4X30A**		24400	21600	14.5	12.2	800	760	25000	19400	3.9	3.92	16300	11300	2.72	2.34
	EHD4X36A**	*8MV*0701412**	25200	22000	17.2	13.7	800	760	25000	18800	4.26	4.44	15700	10700	2.96	2.6
	EHD4X36A**	*8MV*0901716**	25200	22200	17.5	13.7	800	760	25000	18800	4.3	4.48	15600	10600	2.98	2.62
	EHD4X36A**	*8MV*1102120**	25200	22000	17.2	13.7	800	760	25000	18800	4.28	4.46	15600	10600	2.98	2.6
	EHD4X36A**	*8MV*1352422**	25200	22200	17.5	14	800	760	25000	18800	4.3	4.48	15600	10600	3	2.62
	EHD4X36A**	*8MX*0451408**	24600	21000	16.7	13.2	735	590	25000	18200	4.14	4.1	15600	10300	2.9	2.48
	EHD4X36A**	*9MA*0601714A**	25000	22000	16.5	13.2	800	760	25000	19000	4.18	4.34	15800	10800	2.9	2.54
	EHD4X36A**	*9MA*0602120A**	25000	22000	17	13.5	800	760	25000	18900	4.22	4.36	15800	10800	2.92	2.56
	EHD4X36A**	*9MA*0801714A**	25000	22000	17	13.5	800	760	25000	18900	4.22	4.38	15700	10700	2.94	2.56
	EHD4X36A**	*9MA*0802120A**	25000	22000	17.2	13.7	800	760	25000	18900	4.26	4.42	15700	10700	2.96	2.58
	EHD4X36A**	*9MA*1002122A**	25200	22000	17.2	13.7	800	760	25000	18900	4.26	4.42	15700	10700	2.96	2.58
	EHD4X36A**	*9MA*1202422A**	25000	22000	17	13.7	800	760	25000	18900	4.24	4.4	15700	10700	2.96	2.58
	EHD4X36A**	*9MV*0401410A**	24200	20600	15.7	12.5	705	565	25000	18200	3.94	3.94	15800	10400	2.78	2.4
	EHD4X36A**	*9MV*0601714A**	24800	21400	16.7	13.2	780	645	25000	18500	4.16	4.2	15800	10500	2.9	2.5
	EHD4X36A**	*9MV*0801716A**	25000	21600	16.7	13.5	800	675	25000	18600	4.22	4.28	15700	10500	2.94	2.54
	EHD4X36A**	*9MV*0802120A**	24600	21800	17	13.7	730	695	25000	18600	4.16	4.34	15500	10500	2.92	2.56

Unit Size	AHRI STANDARD RATINGS																
	Cooling					Heating											
	Capacity		SEER	EER	ID CFM		High Temp		Low Temp								
	High	Low			High	Low	Capacity	COP	Capacity	COP							
HCH924GKA	Indoor Model	Furnace Model	High	Low	SEER	EER	High	Low	High	Low	High	Low	High	Low	HSPF		
	EHD4X36A**	*9MV*1002120A**	25000	22000	17.2	13.7	790	760	25000	18900	4.24	4.42	15600	10700	2.96	2.58	9.7
	EHD4X36A**	*9MV*1202422A**	24800	21800	17	13.7	740	705	25000	18700	4.18	4.34	15500	10600	2.92	2.56	9.7
	EHD4X36A**	*9MX*0401410A**	24600	20400	16	12.2	795	535	25000	18000	4	3.9	16100	10200	2.78	2.38	9
	EHD4X36A**	*9MX*0601714A**	25600	21800	17	13.2	925	715	25000	18700	4.26	4.32	16100	10600	2.92	2.54	9.7
	EHD4X36A**	MV08**14C*	24200	20800	16.7	13.5	669	562	25000	18000	4.08	4.08	15300	10200	2.9	2.48	9
	EHD4X36A**	MV12**17C*	24400	21000	17	13.7	694	584	25000	18100	4.14	4.16	15400	10200	2.92	2.5	9
	EHD4X36A**	NOMV106D12*	25000	20200	16.5	13.5	801	486	25000	17600	4.24	3.84	15700	9900	2.94	2.38	9
	EHD4X36A**	OLV098A12A	24600	19800	16	13.2	719	460	25000	17500	4.12	3.72	15500	9800	2.9	2.32	8.8
	EHD4X36A**	OMV098J12A	24600	20600	16.7	13.2	724	548	25000	18000	4.1	4.02	15600	10100	2.88	2.44	9.2
	EHD4X36A**	OMV112K14A	24400	21000	17	13.5	689	580	25000	18100	4.1	4.12	15400	10200	2.9	2.48	9.2
	EHD4X36A**		24600	21400	14.5	12.2	800	760	25000	19400	3.94	3.96	16300	11300	2.74	2.36	9
	EN(A,D)4X24*14**	*8MV*0701412**	24800	22000	17	13.5	800	760	25000	18800	4.16	4.28	15700	10700	2.88	2.54	9.5
	EN(A,D)4X24*14**	*8MX*0451408**	24200	20800	16.2	13	695	565	25000	18000	4	3.96	15500	10200	2.82	2.42	9
	EN(A,D)4X24*14**	*9MV*0401410A**	23800	20600	15.7	12.5	675	545	25000	18000	3.84	3.82	15700	10300	2.7	2.36	8.8
	EN(A,D)4X24*14**	*9MX*0401410A**	24200	20200	15.7	12.2	765	515	25000	17800	3.9	3.78	16000	10100	2.72	2.34	8.8
	EN(A,D)4X24*14**	MV08**14C*	24000	20800	16.7	13.2	669	562	25000	18000	4.02	4	15300	10200	2.84	2.44	9
	EN(A,D)4X24*14**		24400	21400	14.5	12	800	760	25000	19300	3.88	3.88	16200	11300	2.7	2.34	8.8
	EN(A,D)4X24*17**	*8MV*0701412**	24800	22000	17	13.5	800	760	25000	18800	4.16	4.28	15700	10700	2.88	2.54	9.5
	EN(A,D)4X24*17**	*8MV*0901716**	25000	22000	17.2	13.5	800	760	25000	18700	4.18	4.32	15600	10600	2.9	2.56	9.5
	EN(A,D)4X24*17**	*8MX*0451408**	24200	20800	16.2	13	695	565	25000	18000	4	3.96	15500	10200	2.82	2.42	9
	EN(A,D)4X24*17**	*9MA*0601714A**	24800	21800	16.2	13	800	760	25000	18900	4.06	4.16	15800	10900	2.82	2.48	9.2
	EN(A,D)4X24*17**	*9MA*0801714A**	24800	21800	16.5	13.2	800	760	25000	18900	4.1	4.22	15800	10800	2.84	2.5	9.2
	EN(A,D)4X24*17**	*9MV*0401410A**	23800	20600	15.7	12.5	675	545	25000	18000	3.84	3.82	15700	10300	2.7	2.36	8.8
	EN(A,D)4X24*17**	*9MV*0601714A**	24400	21000	16.5	13	740	605	25000	18200	4.02	4.02	15600	10400	2.82	2.44	9.2
	EN(A,D)4X24*17**	*9MV*0801716A**	24600	21200	16.5	13.2	755	620	25000	18300	4.08	4.06	15600	10400	2.84	2.46	9.2
	EN(A,D)4X24*17**	*9MX*0401410A**	24200	20200	15.7	12.2	765	515	25000	17800	3.9	3.78	16000	10100	2.72	2.34	8.8
	EN(A,D)4X24*17**	*9MX*0601714A**	25000	21400	16.5	13	865	670	25000	18500	4.12	4.14	16000	10500	2.84	2.48	9.2
	EN(A,D)4X24*17**	MV08**14C*	24000	20800	16.7	13.2	669	562	25000	18000	4.02	4	15300	10200	2.84	2.44	9
	EN(A,D)4X24*17**	MV12**17C*	24200	21000	17	13.2	694	584	25000	18100	4.08	4.06	15400	10200	2.86	2.46	9
	EN(A,D)4X24*17**	NOMV106D12*	24800	20200	16.2	13	801	486	25000	17500	4.1	3.78	15800	9900	2.84	2.36	8.8
	EN(A,D)4X24*17**	OLV098A12A	24400	19800	16	13	719	460	25000	17400	4.02	3.68	15500	9800	2.82	2.3	8.5
	EN(A,D)4X24*17**	OMV098J12A	24400	20600	16.5	13	724	548	25000	17900	4.02	3.94	15600	10100	2.82	2.42	9
	EN(A,D)4X24*17**	OMV112K14A	24200	21000	16.7	13.2	689	580	25000	18100	4.02	4.02	15400	10200	2.84	2.46	9.2
	EN(A,D)4X24*17**		24400	21400	14.5	12	800	760	25000	19300	3.88	3.88	16200	11300	2.7	2.34	8.8
	EN(A,D)4X30*14**	*8MV*0701412**	24800	21800	17	13.5	800	760	25000	18800	4.12	4.32	15700	10700	2.9	2.56	9.5
	EN(A,D)4X30*14**	*8MX*0451408**	24200	20800	16.2	13.2	705	580	25000	18100	3.96	4	15500	10300	2.84	2.44	9.2
	EN(A,D)4X30*14**	*9MV*0401410A**	23800	20600	15.7	12.5	685	560	25000	18100	3.82	3.88	15700	10400	2.74	2.38	8.8
	EN(A,D)4X30*14**	*9MX*0401410A**	24200	20400	16	12.2	770	530	25000	17900	3.86	3.84	16100	10200	2.74	2.38	8.8
	EN(A,D)4X30*14**	MV08**14C*	24200	20800	16.7	13.2	669	562	25000	17900	3.98	4.02	15300	10100	2.86	2.46	9



Unit Size	AHRI STANDARD RATINGS														
	Cooling					Heating									
	Indoor Model	Furnace Model	Capacity		EER	SEER	ID CFM		High Temp		Low Temp				
			High	Low			High	Low	High	Low	High	Low	High	Low	
HCH924GKA	EN(A,D,W)4X36*17**	*9MA*0601714A**	24800	21800	13.2	16.5	800	760	4.06	4.24	18900	10800	2.88	2.52	9.5
	EN(A,D,W)4X36*17**	*9MA*0801714A**	24800	21800	13.5	16.7	800	760	4.1	4.28	18800	10700	2.9	2.54	9.5
	EN(A,D,W)4X36*17**	*9MV*0401410A**	24000	20600	12.5	15.7	705	570	3.86	3.9	18200	10400	2.76	2.4	9
	EN(A,D,W)4X36*17**	*9MV*0601714A**	24600	21200	13.2	16.5	775	650	4.04	4.14	18400	10500	2.86	2.5	9.2
	EN(A,D,W)4X36*17**	*9MV*0801716A**	24800	21400	13.2	16.7	790	675	4.08	4.2	18500	10500	2.9	2.52	9.5
	EN(A,D,W)4X36*17**	*9MX*0401410A**	24400	20400	16	12.2	790	540	3.9	3.88	18000	10200	2.76	2.38	8.8
	EN(A,D,W)4X36*17**	*9MX*0601714A**	25200	21600	16.7	13	910	715	4.12	4.26	18600	10600	2.88	2.54	9.5
	EN(A,D,W)4X36*17**	MV08**14C*	24200	20800	16.7	13.5	689	562	4	4.04	17900	10100	2.86	2.46	9
	EN(A,D,W)4X36*17**	MV12**17C*	24400	21000	17	13.5	694	584	4.04	4.1	18000	10200	2.9	2.5	9
	EN(A,D,W)4X36*17**	NOMV106D12*	24800	20000	16.5	13.2	801	486	4.12	3.82	17500	9900	2.9	2.38	9
	EN(A,D,W)4X36*17**	OLV098A12A	24400	19800	16	13.2	719	460	4.02	3.7	17400	9800	2.86	2.32	8.8
	EN(A,D,W)4X36*17**	OMV098J12A	24400	20600	16.7	13.2	724	548	4	3.98	17900	10100	2.86	2.44	9.2
	EN(A,D,W)4X36*17**	OMV112K14A	24200	20800	16.7	13.5	689	580	4	4.08	18000	10200	2.88	2.48	9.2
	EN(A,D,W)4X36*17**		24400	21400	14.2	12	800	760	3.84	3.9	19300	11300	2.7	2.34	8.8
	ENH4X24*17**	*8MV*0701412**	24800	22000	17	13.5	800	760	4.16	4.28	18800	10700	2.88	2.54	9.5
	ENH4X24*17**	*8MV*0901716**	25000	22000	17.2	13.5	800	760	4.18	4.32	18700	10600	2.9	2.56	9.5
	ENH4X24*17**	*8MX*0451408**	24200	20800	16.2	13	695	565	4	3.96	18000	10200	2.82	2.42	9
	ENH4X24*17**	*9MA*0601714A**	24800	21800	16.2	13	800	760	4.06	4.16	18900	10900	2.82	2.48	9.2
	ENH4X24*17**	*9MA*0801714A**	24800	21800	16.5	13.2	800	760	4.1	4.22	18900	10800	2.84	2.5	9.2
	ENH4X24*17**	*9MV*0401410A**	23800	20600	15.7	12.5	675	545	3.84	3.82	18000	10300	2.7	2.36	8.8
	ENH4X24*17**	*9MV*0601714A**	24400	21000	16.5	13	740	605	4.02	4.02	18200	10400	2.82	2.44	9.2
	ENH4X24*17**	*9MV*0801716A**	24600	21200	16.5	13.2	755	620	4.08	4.06	18300	10400	2.84	2.46	9.2
	ENH4X24*17**	*9MX*0401410A**	24200	20200	15.7	12.2	765	515	3.9	3.78	17800	10100	2.72	2.34	8.8
	ENH4X24*17**	*9MX*0601714A**	25000	21400	16.5	13	865	670	4.12	4.14	18500	10500	2.84	2.48	9.2
	ENH4X24*17**	MV08**14C*	24000	20800	16.7	13.2	689	562	4.02	4	18000	10200	2.84	2.44	9
	ENH4X24*17**	MV12**17C*	24200	21000	17	13.2	694	584	4.08	4.06	18100	10200	2.86	2.46	9
	ENH4X24*17**	NOMV106D12*	24800	20200	16.2	13	801	486	4.1	3.78	17500	9900	2.84	2.36	8.8
	ENH4X24*17**	OLV098A12A	24400	19800	16	13	719	460	4.02	3.68	17400	9800	2.82	2.3	8.5
	ENH4X24*17**	OMV098J12A	24400	20600	16.5	13	724	548	4.02	3.94	17900	10100	2.82	2.42	9
	ENH4X24*17**	OMV112K14A	24200	21000	16.7	13.2	689	580	4.02	4.02	18100	10200	2.84	2.46	9.2
	ENH4X24*17**		24400	21400	14.5	12	800	760	3.88	3.88	19300	11300	2.7	2.34	8.8
	ENH4X30*17**	*8MV*0701412**	25000	21800	17	13.7	800	760	4.14	4.34	18700	10600	2.92	2.58	9.7
	ENH4X30*17**	*8MV*0901716**	25000	22000	17.2	13.7	800	760	4.16	4.38	18700	10600	2.96	2.6	9.7
	ENH4X30*17**	*8MX*0451408**	24400	21000	16.5	13.2	730	595	4.02	4.06	18200	10300	2.86	2.46	9.2
	ENH4X30*17**	*9MA*0601714A**	24800	21800	16.5	13.2	800	760	4.06	4.24	18900	10800	2.88	2.52	9.5
	ENH4X30*17**	*9MA*0801714A**	24800	21800	16.7	13.5	800	760	4.1	4.28	18800	10700	2.9	2.54	9.5
	ENH4X30*17**	*9MV*0401410A**	24000	20600	15.7	12.5	705	570	3.86	3.9	18200	10400	2.76	2.4	9
	ENH4X30*17**	*9MV*0601714A**	24600	21200	16.5	13.2	775	650	4.04	4.14	18400	10500	2.86	2.5	9.2
	ENH4X30*17**	*9MV*0801716A**	24800	21400	16.7	13.2	790	675	4.08	4.2	18500	10500	2.9	2.52	9.5
	ENH4X30*17**	*9MX*0401410A**	24400	20400	16	12.2	790	540	3.9	3.88	18000	10200	2.76	2.38	9

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating							
			Capacity		SEER	EER	ID CFM		High Temp		Low Temp		COP			
			High	Low			High	Low	High	Low	High	Low	High	Low		
			25200	21600	17	13	910	715	25000	18600	4.12	4.26	16000	10600	2.88	2.54
HCH924GKA	ENH4X30*17**	*9MIX*0601714A**	24200	20800	17	13.5	669	562	25000	17900	4	4.04	15300	10100	2.86	2.46
	ENH4X30*17**	MV08**14C*	24400	21000	17	13.5	694	584	25000	18000	4.04	4.1	15300	10200	2.9	2.5
	ENH4X30*17**	MV12**17C*	24800	20000	16.5	13.2	801	486	25000	17500	4.12	3.82	15700	9900	2.9	2.38
	ENH4X30*17**	NOMV106D12*	24400	19800	16	13.2	719	460	25000	17400	4.02	3.7	15500	9800	2.86	2.32
	ENH4X30*17**	OLV098A12A	24400	20600	16.7	13.2	724	548	25000	17900	4	3.98	15500	10100	2.86	2.44
	ENH4X30*17**	OMV098J12A	24200	20800	16.7	13.5	689	580	25000	18000	4	4.08	15300	10200	2.88	2.48
	ENH4X30*17**	OMV112K14A	24400	21400	14.2	12	800	760	25000	19300	3.84	3.9	16200	11300	2.7	2.34
	ENH4X36*17**	*8MV*0701412**	25000	21800	17	13.7	800	760	25000	18700	4.14	4.34	15600	10600	2.92	2.58
	ENH4X36*17**	*8MV*0901716**	25000	22000	17.2	13.7	800	760	25000	18700	4.16	4.38	15600	10600	2.96	2.6
	ENH4X36*17**	*8MX*0451408**	24400	21000	16.5	13.2	730	595	25000	18200	4.02	4.06	15500	10300	2.86	2.46
	ENH4X36*17**	*9MA*0601714A**	24800	21800	16.5	13.2	800	760	25000	18900	4.06	4.24	15800	10800	2.88	2.52
	ENH4X36*17**	*9MA*0801714A**	24800	21800	16.7	13.5	800	760	25000	18800	4.1	4.28	15700	10700	2.9	2.54
	ENH4X36*17**	*9MV*0401410A**	24000	20600	15.7	12.5	705	570	25000	18200	3.86	3.9	15700	10400	2.76	2.4
	ENH4X36*17**	*9MV*0601714A**	24600	21200	16.5	13.2	775	650	25000	18400	4.04	4.14	15700	10500	2.86	2.5
	ENH4X36*17**	*9MV*0801716A**	24800	21400	16.7	13.2	790	675	25000	18500	4.08	4.2	15700	10500	2.9	2.52
	ENH4X36*17**	*9MIX*0401410A**	24400	20400	16	12.2	790	540	25000	18000	3.9	3.88	16100	10200	2.76	2.38
	ENH4X36*17**	*9MIX*0601714A**	25200	21600	17	13	910	715	25000	18600	4.12	4.26	16000	10600	2.88	2.54
	ENH4X36*17**	MV08**14C*	24200	20800	17	13.5	669	562	25000	17900	4	4.04	15300	10100	2.86	2.46
	ENH4X36*17**	MV12**17C*	24400	21000	17	13.5	694	584	25000	18000	4.04	4.1	15300	10200	2.9	2.5
	ENH4X36*17**	NOMV106D12*	24800	20000	16.5	13.2	801	486	25000	17500	4.12	3.82	15700	9900	2.9	2.38
	ENH4X36*17**	OLV098A12A	24400	19800	16	13.2	719	460	25000	17400	4.02	3.7	15500	9800	2.86	2.32
	ENH4X36*17**	OMV098J12A	24400	20600	16.7	13.2	724	548	25000	17900	4	3.98	15500	10100	2.86	2.44
	ENH4X36*17**	OMV112K14A	24200	20800	16.7	13.5	689	580	25000	18000	4	4.08	15300	10200	2.88	2.48
	ENH4X36*17**		24400	21400	14.2	12	800	760	25000	19300	3.84	3.9	16200	11300	2.7	2.34

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

Unit Size		COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS Indoor Models													
		AHRI STANDARD RATINGS													
		Cooling							Heating						
		Indoor Model *Tested Model	Furnace Model	Capacity		SEER	EER	ID CFM		High Temp		Low Temp		COP	
High	Low			High	Low			High	Low	High	Low	High	Low		
HCH936GKA	*FCM4X60****	36600	31600	19	13.7	1207	924	37400	25400	4.34	4.38	15100	3.04	2.68	10
	FCM4X24****	35400	30200	17.5	12.7	1123	861	36800	25200	3.92	4	22600	2.8	2.54	9.2
	FCM4X36****	35600	30200	18	13.2	1123	861	36400	25000	3.96	4.04	22400	2.86	2.56	9.2
	FCM4X48****	36800	31000	18.5	14	1123	861	37000	25200	4.18	4.24	22600	2.98	2.64	9.7
	FVM4X24****	35000	30000	17.2	13	1050	840	36600	25200	3.88	3.96	22400	2.78	2.52	9.2
	FVM4X36****	35200	30200	18	13.5	1050	840	36200	25000	3.9	4.02	22200	2.84	2.56	9.2
	FVM4X48****	36400	30800	18.2	13.7	1050	840	36600	25200	4.12	4.2	22400	2.94	2.62	9.7
	FVM4X60****	36800	31200	18.7	14	1050	840	36800	25200	4.22	4.28	22400	3	2.66	10
	EA*4X36*14A*	35200	30200	17.2	12.5	1123	861	36800	25200	3.82	4	22800	2.76	2.54	9.2
	EA*4X36*14A*	34600	29200	16.7	12.2	1045	735	36800	24800	3.7	3.8	22800	2.7	2.46	8.8
	EA*4X36*14A*	35400	29800	17.2	13.2	1015	809	36400	25000	3.8	3.96	22200	2.78	2.52	9
	EA*4X36*14A*	34800	29800	15	12	1100	924	37200	26000	3.7	3.76	23200	2.68	2.4	8.5
	EA*4X36*17A*	35200	30200	17.2	12.7	1123	861	36800	25200	3.84	4	22800	2.78	2.54	9.2
	EA*4X36*17A*	35400	30200	17.7	13	1123	861	36600	25200	3.92	4.04	22600	2.84	2.56	9.2
	EA*4X36*17A*	34800	29400	17	12.2	1075	750	36800	24800	3.74	3.84	22800	2.72	2.48	9
	EA*4X36*17A*	35400	30400	16.7	12	1245	935	37000	25600	3.8	4	23400	2.74	2.52	9.2
	EA*4X36*17A*	35000	30000	16.7	12.2	1121	858	36600	25600	3.76	3.96	23400	2.7	2.5	9
	EA*4X36*17A*	35200	30000	17	12.5	1121	858	37400	25600	3.82	4.02	23200	2.76	2.54	9.2
	EA*4X36*17A*	35000	29600	16.7	12.7	940	785	36200	25000	3.68	3.86	22200	2.72	2.48	9
	EA*4X36*17A*	35200	29800	17	13	955	800	36200	25000	3.74	3.9	22200	2.76	2.5	9
	EA*4X36*17A*	34800	29200	17	12.5	1045	720	36800	24600	3.76	3.8	22600	2.76	2.46	9
	EA*4X36*17A*	34800	30400	16.7	12.7	1035	965	36600	25600	3.78	4	22400	2.76	2.52	9.2
	EA*4X36*17A*	35600	29800	17.5	13.2	1015	809	36400	25000	3.82	3.96	22200	2.8	2.54	9
	EA*4X36*17A*	35800	30000	17.5	13.5	1060	828	36400	25000	3.88	4	22200	2.84	2.54	9
	EA*4X36*17A*	34600	27400	16.7	12.7	976	550	36000	23000	3.74	3.42	22200	2.76	2.34	8.2
	EA*4X36*17A*	34800	28000	16.7	12.5	1015	600	36400	24000	3.72	3.58	22600	2.72	2.38	8.5
	EA*4X36*17A*	34800	29000	17	12.5	1038	687	36600	24400	3.74	3.76	22600	2.74	2.46	8.8
	EA*4X36*17A*	35400	30600	17	12.5	1207	962	37200	25600	3.84	4.06	23200	2.76	2.54	9.2
	EA*4X36*17A*	35200	29800	15	12	1200	924	37400	26000	3.76	3.76	23400	2.7	2.4	8.8
	EA*4X36*21A*	35400	30200	17.7	13.2	1123	861	36600	25200	3.94	4.06	22400	2.86	2.58	9.2
	EA*4X36*21A*	35600	30200	17.7	13.2	1123	861	36400	25200	3.94	4.06	22400	2.86	2.58	9.2
	EA*4X36*21A*	35400	30400	16.7	12	1270	955	37000	25600	3.82	4.02	23400	2.76	2.54	9.2
	EA*4X36*21A*	35800	30600	17.2	13	1220	965	37000	25600	3.96	4.1	22800	2.86	2.58	9.2
	EA*4X36*21A*	35800	31200	17.2	13	1225	1125	36800	26000	4	4.22	22800	2.88	2.62	9.5
	EA*4X36*21A*	35000	30000	16.7	12.5	1121	858	36600	25600	3.78	3.98	23400	2.72	2.52	9.2
	EA*4X36*21A*	35200	30000	16.7	13	1121	858	36000	25400	3.88	4.04	23000	2.8	2.54	9
	EA*4X36*21A*	35200	30000	17.2	12.5	1121	858	36800	25400	3.84	4.04	23200	2.78	2.54	9.2
	EA*4X36*21A*	35400	30200	17.2	13	1121	858	35800	25400	3.94	4.08	22800	2.84	2.58	9
	EA*4X36*21A*	35400	30200	17.2	13.2	1121	858	35800	25400	3.96	4.1	22800	2.86	2.58	9

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating								
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP		
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	
			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High
HCH936GKA	EA*4X36*21A*	*9MV*0601714A**	35000	29600	17	13	955	800	36200	25000	3.7	3.88	22200	14800	2.74	2.5	9
	EA*4X36*21A*	*9MV*0801716A**	35200	29800	17.2	13.2	970	815	36200	25000	3.76	3.94	22200	14800	2.76	2.52	9
	EA*4X36*21A*	*9MV*0802120A**	35200	30000	17.5	13.2	930	835	36000	25000	3.76	4	21800	14800	2.78	2.54	9
	EA*4X36*21A*	*9MV*1002120A**	35000	30000	17.5	13.2	920	820	35800	25000	3.74	3.96	21800	14700	2.78	2.54	9
	EA*4X36*21A*	*9MX*0601714A**	35000	29400	17.2	12.7	1065	735	36800	24800	3.8	3.84	22600	14500	2.76	2.48	9
	EA*4X36*21A*	*9MX*0801716A**	35000	30600	16.7	12.7	1050	985	36600	25800	3.8	4.04	22400	15400	2.78	2.54	9.2
	EA*4X36*21A*	MV12**17C*	35800	30000	17.7	13.5	1060	829	36400	25000	3.9	4.02	22200	14700	2.84	2.56	9
	EA*4X36*21A*	MV16**21C*	35800	30000	17.7	13.7	1049	830	36400	25000	3.9	4.04	22200	14700	2.86	2.56	9
	EA*4X36*21A*	NOMV106D12*	34800	27600	16.7	13	976	550	36000	23000	3.76	3.44	22200	13600	2.78	2.34	8.2
	EA*4X36*21A*	NOMV156E19*	35600	28400	17	13	1156	641	36800	24200	3.92	3.66	22600	14200	2.84	2.42	8.8
	EA*4X36*21A*	OLV098A12A	34800	28000	16.7	12.5	1015	600	36400	24000	3.74	3.58	22400	13900	2.74	2.38	8.5
	EA*4X36*21A*	OLV112A16A	35600	30800	16.7	12.2	1284	1009	37000	25800	3.86	4.08	23400	15400	2.78	2.56	9.2
	EA*4X36*21A*	OMV098J12A	34800	29000	17.2	12.5	1038	687	36600	24400	3.76	3.78	22600	14300	2.74	2.46	8.8
	EA*4X36*21A*	OMV112K14A	35400	30600	17.2	12.5	1207	962	37200	25600	3.88	4.08	23000	15200	2.8	2.56	9.2
	EA*4X36*21A*		35200	29800	15	12	1200	924	37400	26000	3.76	3.76	23400	15800	2.7	2.4	8.8
	EA*4X42*21A*	*8MV*0901716**	35800	30400	17.7	13.2	1123	861	36600	25200	3.98	4.1	22600	14800	2.88	2.58	9.5
	EA*4X42*21A*	*8MV**1102120**	35800	30400	17.7	13.2	1123	861	36600	25200	3.98	4.1	22600	14800	2.88	2.58	9.5
	EA*4X42*21A*	*8MX*0701716**	35600	30600	16.7	12.2	1265	950	37000	25600	3.86	4.06	23400	15300	2.76	2.54	9.2
	EA*4X42*21A*	*8MX*0902116**	36000	30800	17.5	13	1220	965	37000	25600	4.02	4.14	22800	15200	2.88	2.58	9.2
	EA*4X42*21A*	*8MX**1102120**	36000	31400	17.5	13.2	1225	1125	37000	26000	4.04	4.26	22800	15500	2.9	2.62	9.5
	EA*4X42*21A*	*9MA*0601714A**	35400	30200	17	12.5	1121	858	36800	25600	3.82	4.02	23400	15300	2.74	2.54	9.2
	EA*4X42*21A*	*9MA*0801714A**	35400	30200	17.2	12.7	1121	858	36800	25600	3.88	4.06	23200	15200	2.8	2.56	9.2
	EA*4X42*21A*	*9MV*0601714A**	35200	29800	17	13	955	800	36400	25200	3.76	3.92	22200	14900	2.76	2.5	9
	EA*4X42*21A*	*9MV*0801716A**	35400	30000	17.2	13.2	965	810	36400	25200	3.8	3.96	22200	30600	2.78	4.84	9
	EA*4X42*21A*	*9MV*0802120A**	35400	30200	17.5	13.5	925	830	36000	25200	3.8	4.02	22000	14800	2.8	2.54	9
	EA*4X42*21A*	*9MV**1002120A**	35200	30000	17.5	13.5	915	815	36000	25000	3.78	4	21800	14800	2.8	2.54	9
	EA*4X42*21A*	*9MX*0601714A**	35200	29400	17.2	12.7	1060	735	36800	24800	3.84	3.86	22600	14500	2.78	2.5	9
	EA*4X42*21A*	*9MX*0801716A**	35200	30800	17	13	1050	980	36800	25800	3.86	4.06	22600	15400	2.8	2.54	9.2
	EA*4X42*21A*	MV12**17C*	36200	30200	17.7	13.5	1060	829	36600	25000	3.94	4.06	22400	14700	2.86	2.56	9
	EA*4X42*21A*	MV16**21C*	36200	30200	18	13.7	1049	830	36400	25000	3.96	4.06	22200	14700	2.88	2.58	9
	EA*4X42*21A*	NOMV106D12*	35000	27600	16.7	13	976	550	36200	23200	3.82	3.46	22200	13700	2.8	2.36	8.5
	EA*4X42*21A*	NOMV156E19*	35800	28600	17	13	1156	641	37000	24400	3.96	3.7	22800	14200	2.86	2.42	8.8
	EA*4X42*21A*	OLV098A12A	35000	28200	16.7	12.7	1015	600	36600	24000	3.78	3.6	22600	14000	2.76	2.4	8.5
	EA*4X42*21A*	OLV112A16A	35800	31000	17	12.5	1284	1009	37000	25800	3.9	4.12	23400	15400	2.8	2.56	9.2
	EA*4X42*21A*	OMV098J12A	35000	29200	17.2	12.5	1038	687	36600	24600	3.8	3.8	22600	14300	2.76	2.48	9
	EA*4X42*21A*	OMV112K14A	35800	30800	17.2	12.5	1207	962	37200	25600	3.92	4.12	23000	15200	2.8	2.58	9.2
	EA*4X42*21A*		35400	30000	15.2	12	1208	924	37000	26200	3.8	3.78	23400	15800	2.72	2.42	8.8
	EA*4X42*21A*	*8MV**1102120**	35800	30400	17.7	13.2	1123	861	36600	25200	4	4.1	22400	14800	2.88	2.58	9.5
	EA*4X42*24A*	*8MV**1352422**	35800	30400	18	13.5	1123	861	36600	25200	4.02	4.12	22400	14800	2.9	2.6	9.5
	EA*4X42*24A*	*8MX*0902116**	36000	30800	17.5	13	1230	975	37000	25600	4.02	4.14	22800	15200	2.88	2.58	9.5



Unit Size	AHRI STANDARD RATINGS																
	Cooling						Heating										
	Indoor Model	Furnace Model	Capacity		SEER	EER	ID CFM		High Temp		Low Temp						
			High	Low			High	Low	High	Low	High	Low	High	Low			
HCH936GKA	EA*4X42*24A*	*8MX*1102120**	36200	31600	17.5	13.2	1240	1135	37000	26000	4.06	4.26	22800	15500	2.9	2.62	9.5
	EA*4X42*24A*	*9MA*1202422A**	35800	30400	17.7	13.2	1121	858	36600	25400	4	4.12	22800	15000	2.88	2.58	9.2
	EA*4X42*24A*	*9MV*0802120A**	35400	30200	17.5	13.5	935	835	36000	25200	3.82	4.04	22000	14800	2.8	2.56	9
	EA*4X42*24A*	*9MV*1002120A**	35400	30200	17.5	13.5	925	825	36000	25200	3.8	4.02	21800	14800	2.8	2.54	9
	EA*4X42*24A*	*9MV*1202422A**	35600	30400	17.7	13.5	960	880	36200	25200	3.84	4.1	22000	14900	2.82	2.58	9
	EA*4X42*24A*	MV16**21C*	36200	30200	18	13.7	1049	830	36400	25000	3.96	4.08	22200	14700	2.88	2.58	9
	EA*4X42*24A*	MV20**24C*	36000	30200	18	13.7	1024	821	36400	25000	3.94	4.06	22200	14700	2.86	2.58	9
	EA*4X42*24A*	NOMV156E19*	35800	28600	17	13	1156	641	36800	24400	3.98	3.7	22800	14200	2.86	2.42	8.8
	EA*4X42*24A*	OLV112A16A	35800	31000	17	12.5	1284	1009	37000	25800	3.92	4.12	23400	15400	2.8	2.58	9.2
	EA*4X42*24A*	OMV154L20A	35400	30400	17.7	13.2	1038	844	36400	25200	3.92	4.06	22200	14800	2.86	2.58	9.2
	EA*4X42*24A*		35400	30000	15.2	12	1208	924	36400	26200	4.28	3.78	22000	15800	3.08	2.42	9
	EA*4X48*17A*	*8MV*0701412**	36400	31000	17.7	13	1123	861	37000	25400	4.06	4.18	23000	15000	2.88	2.6	9.5
	EA*4X48*17A*	*8MV*0901716**	36600	31000	18.2	13.5	1123	861	37400	25400	4.14	4.22	22800	15000	2.92	2.62	9.5
	EA*4X48*17A*	*8MX*0451408**	35800	30200	17.5	12.5	1075	755	37000	25200	3.94	4	23200	14800	2.8	2.54	9.2
	EA*4X48*17A*	*8MX*0701716**	36400	31200	17.2	12.5	1245	940	37600	25800	4.02	4.16	23600	15400	2.82	2.58	9.5
	EA*4X48*17A*	*9MA*0601714A**	36000	30800	17.2	12.5	1121	858	37400	25800	3.98	4.12	23600	15400	2.78	2.56	9.2
	EA*4X48*17A*	*9MA*0801714A**	36200	30800	17.5	13	1121	858	37600	25800	4.04	4.18	23400	15300	2.84	2.58	9.5
	EA*4X48*17A*	*9MV*0601714A**	36000	30400	17.2	13.2	945	790	36800	25400	3.9	4.02	22400	15000	2.8	2.54	9
	EA*4X48*17A*	*9MV*0801716A**	36000	30600	17.5	13.5	955	805	36800	25400	3.94	4.06	22400	15000	2.84	2.56	9
	EA*4X48*17A*	*9MX*0601714A**	36000	30000	17.5	13	1050	725	37400	25000	3.98	3.96	22800	14600	2.84	2.52	9.2
	EA*4X48*17A*	*9MX*0801716A**	36000	31400	17.2	13	1040	970	37000	26000	4	4.18	22800	15500	2.86	2.58	9.2
	EA*4X48*17A*	MV08**14C*	36600	30600	18	13.7	1016	809	37000	25200	4.04	4.12	22400	14800	2.88	2.58	9
	EA*4X48*17A*	MV12**17C*	36800	30800	18.2	13.7	1060	829	37000	25200	4.1	4.16	22600	14900	2.92	2.6	9
	EA*4X48*17A*	NOMV106D12*	35600	28000	17.2	13.2	976	550	36800	23400	3.96	3.56	22400	13800	2.84	2.38	8.5
	EA*4X48*17A*	OLV098A12A	35800	28600	17.2	12.7	1015	600	37200	24200	3.94	3.7	22800	14100	2.82	2.42	8.8
	EA*4X48*17A*	OMV098J12A	35800	29600	17.5	12.7	1038	687	37400	24800	3.96	3.9	22800	14400	2.82	2.5	9
	EA*4X48*17A*	OMV112K14A	36600	31400	17.5	12.7	1207	962	37600	25800	4.06	4.22	23400	15400	2.86	2.6	9.5
	EA*4X48*17A*		36200	30600	15.5	12.2	1208	924	37600	26400	3.96	3.9	23600	16000	2.78	2.44	9
	EA*4X48*21A*	*8MV*0901716**	36200	30800	18	13.5	1123	861	37200	25400	4.1	4.18	22600	14900	2.92	2.6	9.5
	EA*4X48*21A*	*8MV*1102120**	36200	30800	18	13.5	1123	861	37000	25400	4.1	4.16	22600	14900	2.92	2.6	9.5
	EA*4X48*21A*	*8MX*0701716**	36200	31000	17	12.5	1260	945	37600	25800	3.98	4.14	23600	15400	2.8	2.56	9.2
	EA*4X48*21A*	*8MX*0902116**	36600	31200	17.7	13.2	1210	955	37400	25800	4.12	4.2	23000	15300	2.92	2.6	9.5
	EA*4X48*21A*	*8MX*1102120**	36600	31800	17.7	13.5	1210	1115	37400	26200	4.16	4.32	23000	15600	2.94	2.64	9.7
	EA*4X48*21A*	*9MA*0601714A**	35800	30600	17.2	12.5	1121	858	37200	25800	3.92	4.1	23600	15400	2.78	2.56	9.2
	EA*4X48*21A*	*9MA*0801714A**	36000	30600	17.5	12.7	1121	858	37400	25600	4	4.14	23400	15300	2.82	2.58	9.5
	EA*4X48*21A*	*9MV*0601714A**	35600	30200	17.2	13.2	950	795	36600	25200	3.86	3.98	22400	14900	2.78	2.52	9
	EA*4X48*21A*	*9MV*0801716A**	35800	30400	17.5	13.2	960	810	36600	25200	3.9	4.04	22400	14900	2.82	2.54	9
	EA*4X48*21A*	*9MV*0802120A**	35800	30600	17.7	13.5	920	825	36200	25200	3.9	4.08	22000	14900	2.84	2.58	9
	EA*4X48*21A*	*9MV*1002120A**	35600	30400	17.7	13.5	910	810	36200	25200	3.88	4.06	22000	14800	2.82	2.56	9
	EA*4X48*21A*	*9MX*0601714A**	35600	29800	17.5	13	1055	730	37000	25000	3.94	3.92	22800	14600	2.82	2.52	9

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating							
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP	
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low
			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
HCH936GKA	EA*4X48*21A*	*9MX*0801716A**	35600	31200	17.2	13	1045	980	37000	4.14	22600	15500	2.84	2.58	9.5	
	EA*4X48*21A*	MV12**17C*	36600	30600	18	13.7	1060	829	37000	4.06	22400	14800	2.9	2.6	9	
	EA*4X48*21A*	MV16**21C*	36600	30600	18.2	13.7	1049	830	36800	4.06	22400	14800	2.92	2.6	9	
	EA*4X48*21A*	NOMV106D12*	35400	27800	17	13	976	550	36600	3.92	22400	13700	2.82	2.38	8.5	
	EA*4X48*21A*	NOMV156E19*	36400	29000	17.2	13.2	1156	641	37400	4.08	23000	14300	2.9	2.44	9	
	EA*4X48*21A*	OLV098A12A	35400	28400	17	12.7	1015	600	37000	3.88	22600	14000	2.8	2.42	8.8	
	EA*4X48*21A*	OLV112A16A	36400	31400	17.2	12.5	1284	1009	37600	4.02	23600	15500	2.82	2.58	9.5	
	EA*4X48*21A*	OMV098J12A	35600	29400	17.5	12.7	1038	687	37000	3.9	22800	14400	2.8	2.5	9	
	EA*4X48*21A*	OMV112K14A	36200	31200	17.5	12.7	1207	962	37000	4.02	23200	15300	2.84	2.6	9.5	
	EA*4X48*21A*		36000	30400	15.2	12.2	1208	924	37600	3.9	23600	15900	2.76	2.44	9	
	EA*4X48*24A*	*8MV**1102120**	36400	30800	18.2	13.5	1123	861	37000	4.12	22600	14900	2.92	2.62	9.5	
	EA*4X48*24A*	*8MV**1352422**	36400	30800	18.2	13.5	1123	861	37000	4.14	22600	14800	2.94	2.62	9.7	
	EA*4X48*24A*	*8MX*0902116**	36600	31200	17.7	13.2	1225	970	37400	4.14	23000	15300	2.92	2.62	9.5	
	EA*4X48*24A*	*8MX**1102120**	36800	32000	17.7	13.5	1235	1135	37400	4.18	23000	15600	2.96	2.66	9.7	
	EA*4X48*24A*	*9MA**1202422A**	36200	30800	17.7	13.2	1121	858	37000	4.12	23000	15100	2.92	2.62	9.5	
	EA*4X48*24A*	*9MV**0802120A**	35800	30600	17.7	13.7	930	835	36400	3.92	22000	14900	2.84	2.58	9	
	EA*4X48*24A*	*9MV**1002120A**	35800	30600	17.7	13.7	920	825	36200	3.9	22000	14900	2.84	2.58	9	
	EA*4X48*24A*	*9MV**1202422A**	36000	30800	18	13.7	960	880	36400	4.18	22200	15000	2.86	2.6	9.5	
	EA*4X48*24A*	MV16**21C*	36600	30600	18.2	13.7	1049	830	36800	4.08	22400	14800	2.92	2.6	9	
	EA*4X48*24A*	MV20**24C*	36400	30600	18.2	13.7	1024	821	36600	4.06	22200	14700	2.92	2.6	9	
	EA*4X48*24A*	NOMV156E19*	36400	29000	17.2	13.2	1156	641	37200	4.08	22800	14300	2.9	2.44	9	
	EA*4X48*24A*	OLV112A16A	36400	31400	17.2	12.5	1284	1009	37400	4.04	23600	15500	2.84	2.6	9.5	
	EA*4X48*24A*	OMV154L20A	35800	30600	18	13.5	1038	844	36800	4.04	22400	14900	2.9	2.6	9.5	
	EA*4X48*24A*		36000	30400	15.2	12.2	1208	924	37600	3.9	23600	15900	2.76	2.44	9	
	EHD4X36A**	*8MV*0701412**	36000	30800	17.7	13	1123	861	37200	3.98	23000	15000	2.84	2.58	9.2	
	EHD4X36A**	*8MV*0901716**	36200	30800	18	13.2	1123	861	37000	4.06	22800	14900	2.9	2.6	9.5	
	EHD4X36A**	*8MV**1102120**	36200	30800	18	13.5	1123	861	37000	4.06	22600	14900	2.9	2.6	9.5	
	EHD4X36A**	*8MV**1352422**	36400	30800	18	13.5	1123	861	37000	4.08	22600	14900	2.92	2.6	9.5	
	EHD4X36A**	*8MX*0451408**	35600	29800	17.2	12.5	1075	745	37200	3.86	23000	14700	2.78	2.5	9	
	EHD4X36A**	*8MX*0701716**	35600	30800	17	13	1045	920	37000	3.9	22800	15300	2.82	2.54	9.2	
	EHD4X36A**	*8MX*0902116**	36400	31000	17.5	13.2	1195	935	37400	4.08	23000	15200	2.9	2.58	9.5	
	EHD4X36A**	*8MX**1102120**	36400	31800	17.5	13.2	1185	1095	37200	4.1	22800	15600	2.92	2.64	9.7	
	EHD4X36A**	*9MA*0601714A**	35800	30600	17	12.5	1121	858	37000	3.88	23600	15400	2.76	2.54	9.2	
	EHD4X36A**	*9MA*0602120A**	36000	30600	16.7	13.2	1121	858	36400	3.98	23400	15300	2.82	2.56	9	
	EHD4X36A**	*9MA*0801714A**	36000	30600	17.2	12.7	1121	858	37200	3.96	23400	15300	2.8	2.56	9.2	
	EHD4X36A**	*9MA*0802120A**	36200	30800	17.2	13.2	1121	858	36200	4.06	23000	15200	2.88	2.6	9	
	EHD4X36A**	*9MA**1002122A**	36200	30800	17.2	13.2	1121	858	36200	4.08	23000	15100	2.9	2.6	9	
	EHD4X36A**	*9MA**1202422A**	36200	30800	17.7	13.2	1121	858	37000	4.06	23000	15200	2.88	2.6	9.5	
	EHD4X36A**	*9MV*0601714A**	35600	30000	17.2	13.2	940	780	36600	3.8	22400	14900	2.78	2.5	9	
	EHD4X36A**	*9MV*0801716A**	35800	30200	17.2	13.2	950	795	36600	3.86	22200	14900	2.8	2.52	9	
	EHD4X36A**	*9MV*0802120A**	35600	30400	17.7	13.5	905	800	36200	3.84	22000	14800	2.8	2.54	9	

Unit Size		AHRI STANDARD RATINGS															
		Cooling							Heating								
		Capacity		SEER	EER	ID CFM		High Temp		COP		Capacity		Low Temp		COP	
		High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
HCH936GKA	Indoor Model	Furnace Model															
	EHD4X36A**	35600	30200	17.7	13.5	885	775	36000	25000	3.8	3.98	22000	14700	2.8	2.54	9	
	EHD4X36A**	35800	30600	17.7	13.5	920	835	36200	25200	3.86	4.08	22000	14900	2.82	2.58	9	
	EHD4X36A**	35600	29600	17.2	13	1045	710	37000	24800	3.9	3.86	22800	14500	2.8	2.48	9	
	EHD4X36A**	35600	31200	17	13	1035	965	37000	25800	3.92	4.1	22600	15500	2.82	2.56	9.2	
	EHD4X36A**	36400	30400	17.7	13.5	1016	809	36800	25200	3.96	4.06	22400	14800	2.86	2.56	9	
	EHD4X36A**	36600	30600	18	13.7	1060	829	36800	25200	4.02	4.1	22400	14800	2.88	2.58	9	
	EHD4X36A**	36600	30600	18	13.7	1049	830	36800	25200	4.02	4.12	22400	14800	2.9	2.58	9	
	EHD4X36A**	36400	30600	18	13.7	1024	821	36600	25200	4	4.1	22400	14800	2.9	2.58	9	
	EHD4X36A**	35400	27800	17	13	976	550	36600	23200	3.88	3.48	22400	13800	2.82	2.36	8.5	
	EHD4X36A**	36400	29000	17.2	13	1156	641	37200	24400	4.04	3.72	23000	14200	2.88	2.44	8.8	
	EHD4X36A**	35400	28600	17	12.7	1015	600	37000	24200	3.86	3.64	22800	14000	2.78	2.4	8.5	
	EHD4X36A**	36400	31400	17	12.5	1284	1009	37400	26000	3.96	4.16	23600	15500	2.8	2.58	9.5	
	EHD4X36A**	36800	31600	17.7	13.2	1248	1022	37400	25800	4.12	4.26	23000	15400	2.92	2.62	9.7	
	EHD4X36A**	35600	29400	17.2	12.7	1038	687	37000	24600	3.86	3.84	22800	14400	2.78	2.48	9	
	EHD4X36A**	36200	31200	17.2	12.5	1207	962	37000	25800	3.98	4.14	23400	15400	2.82	2.58	9.5	
	EHD4X36A**	35800	30600	18	13.5	1038	844	36800	25200	3.98	4.12	22400	14900	2.88	2.58	9.5	
	EHD4X36A**	36000	30400	15.5	12.2	1200	924	37600	26200	3.88	3.84	23600	15900	2.76	2.44	9	
	EHD4X42A**	36200	31000	17.7	13	1123	861	37400	25400	4.04	4.14	23000	15000	2.86	2.58	9.5	
	EHD4X42A**	36400	31000	18.2	13.5	1123	861	37200	25400	4.1	4.18	22800	14900	2.92	2.6	9.5	
EHD4X42A**	36600	31000	18	13.5	1123	861	37200	25400	4.12	4.16	22800	14900	2.92	2.6	9.5		
EHD4X42A**	36600	31000	18.2	13.5	1123	861	37000	25200	4.14	4.2	22600	14900	2.94	2.62	9.5		
EHD4X42A**	35800	30000	17.2	12.5	1080	750	37400	25000	3.9	3.94	23000	14700	2.8	2.52	9.2		
EHD4X42A**	36000	31000	17.2	13	1060	925	37200	25800	3.96	4.1	22800	15400	2.84	2.56	9.2		
EHD4X42A**	36800	31400	17.7	13.2	1205	950	37400	25800	4.14	4.2	23000	15300	2.92	2.6	9.5		
EHD4X42A**	36800	32000	17.7	13.5	1205	1110	37400	26200	4.16	4.34	23000	15600	2.94	2.66	9.7		
EHD4X42A**	36000	30800	17.2	12.5	1121	858	37200	25800	3.94	4.1	23600	15400	2.78	2.56	9.2		
EHD4X42A**	36200	30800	17.5	13	1121	858	37400	25800	4	4.14	23400	15300	2.84	2.58	9.5		
EHD4X42A**	36400	30800	17.7	13.2	1121	858	37200	25600	4.12	4.2	23000	15200	2.92	2.6	9.5		
EHD4X42A**	36000	30200	17.2	13.2	945	785	36600	25200	3.86	3.96	22400	14900	2.8	2.52	9		
EHD4X42A**	36200	30400	17.5	13.5	960	800	36600	25200	3.9	4.02	22400	14900	2.82	2.54	9		
EHD4X42A**	36000	30600	17.7	13.7	915	810	36200	25200	3.9	4.06	22000	14900	2.84	2.56	9		
EHD4X42A**	35800	30400	17.7	13.7	900	790	36200	25200	3.88	4.04	22000	14800	2.82	2.56	9		
EHD4X42A**	36000	30800	18	13.7	935	850	36400	25400	3.92	4.14	22200	14900	2.84	2.6	9.5		
EHD4X42A**	36000	29800	17.5	13	1055	720	37000	24800	3.96	3.92	22800	14600	2.82	2.5	9		
EHD4X42A**	35800	31400	17.2	13	1040	975	37000	26000	3.96	4.16	22600	15500	2.84	2.58	9.5		
EHD4X42A**	36600	30600	18	13.7	1016	809	36800	25200	4	4.1	22400	14800	2.88	2.58	9		
EHD4X42A**	36800	30800	18	13.7	1060	829	37000	25200	4.06	4.14	22400	14800	2.92	2.6	9		
EHD4X42A**	36800	30800	18.2	13.7	1049	830	36800	25200	4.08	4.14	22400	14800	2.92	2.6	9		
EHD4X42A**	36600	30800	18.2	13.7	1024	821	36800	25200	4.06	4.14	22400	14800	2.92	2.6	9		
EHD4X42A**	35600	28000	17	13.2	976	550	36600	23400	3.92	3.5	22400	13800	2.84	2.36	8.5		
EHD4X42A**	36600	29000	17.2	13.2	1156	641	37400	24400	4.08	3.76	23000	14300	2.9	2.44	9		

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating									
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP			
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low		
HCH936GKA	EHD4X42A**	OLV098A12A	35600	28600	17.2	12.7	1015	600	37000	24200	3.9	3.66	22800	14100	2.8	2.4	8.8	
	EHD4X42A**	OLV112A16A	36600	31600	17.2	12.5	1284	1009	37400	26000	4.02	4.2	23600	15500	2.84	2.6	9.5	
	EHD4X42A**	OLV154F20A	37000	31800	18	13.5	1248	1022	37000	25800	4.18	4.3	23000	15400	2.94	2.64	9.7	
	EHD4X42A**	OMV098J12A	35800	29600	17.5	12.7	1038	687	37200	24600	3.92	3.86	22800	14400	2.8	2.5	9	
	EHD4X42A**	OMV112K14A	36400	31400	17.5	12.7	1207	962	37000	25800	4.04	4.2	23400	15400	2.86	2.6	9.5	
	EHD4X42A**	OMV154L20A	36000	30800	18	13.5	1038	844	36800	25200	4.04	4.14	22400	14900	2.9	2.6	9.5	
	EHD4X42A**		36200	30600	15.5	12.2	1208	924	37600	26200	3.92	3.86	23600	15900	2.78	2.44	9	
	EHD4X48A**	*8MV*0701412**		36400	31000	17.7	13	1123	861	37400	25400	4.06	4.16	23000	15000	2.88	2.6	9.5
	EHD4X48A**	*8MV*0901716**		36600	31000	18.2	13.5	1123	861	37200	25400	4.14	4.2	22800	14900	2.94	2.62	9.5
	EHD4X48A**	*8MV*1102120**		36600	31000	18.2	13.5	1123	861	37200	25400	4.14	4.2	22800	14900	2.94	2.62	9.5
	EHD4X48A**	*8MV*1352422**		36800	31200	18.2	13.7	1123	861	37200	25400	4.16	4.22	22600	14900	2.96	2.62	9.5
	EHD4X48A**	*8MX*0451408**		36000	30200	17.5	12.7	1080	755	37000	25000	3.94	3.98	23200	14800	2.8	2.52	9.2
	EHD4X48A**	*8MX*0701716**		36000	31200	17.2	13	1060	930	37200	25800	4	4.14	22800	15400	2.84	2.58	9.2
	EHD4X48A**	*8MX*0902116**		37000	31400	17.7	13.5	1205	950	37000	25800	4.16	4.22	23000	15300	2.94	2.62	9.5
	EHD4X48A**	*8MX*1102120**		37000	32200	17.7	13.5	1200	1105	37400	26200	4.2	4.36	23000	15600	2.96	2.66	9.7
	EHD4X48A**	*9MA*0601714A**		36200	30800	17.2	12.7	1121	858	37200	25800	3.96	4.12	23600	15400	2.8	2.56	9.2
	EHD4X48A**	*9MA*0801714A**		36400	31000	17.7	13	1121	858	37400	25800	4.04	4.16	23400	15300	2.84	2.58	9.5
	EHD4X48A**	*9MA*1202422A**		36600	31000	18	13.5	1121	858	37000	25600	4.14	4.22	23200	15200	2.92	2.62	9.5
	EHD4X48A**	*9MV*0601714A**		36000	30400	17.2	13.2	945	790	36800	25400	3.88	4	22400	14900	2.8	2.52	9
	EHD4X48A**	*9MV*0801716A**		36200	30600	17.7	13.5	960	805	36800	25400	3.94	4.04	22400	14900	2.84	2.56	9
	EHD4X48A**	*9MV*0802120A**		36000	30800	17.7	13.7	915	815	36400	25200	3.92	4.1	22000	14900	2.84	2.58	9
	EHD4X48A**	*9MV*1002120A**		36000	30600	17.7	13.7	900	800	36200	25200	3.9	4.08	22000	14900	2.84	2.56	9
	EHD4X48A**	*9MV*1202422A**		36200	31000	18	13.7	935	855	36400	25400	3.96	4.16	22200	15000	2.86	2.6	9.5
	EHD4X48A**	*9MX*0601714A**		36000	30000	17.5	13	1055	730	37200	25000	3.98	3.96	22800	14600	2.84	2.52	9.2
	EHD4X48A**	*9MX*0801716A**		36000	31400	17.2	13	1040	975	37000	26000	4	4.18	22800	15500	2.86	2.58	9.2
	EHD4X48A**	MV08**14C*		36600	30800	18	13.7	1016	809	36800	25200	4.02	4.12	22400	14800	2.88	2.58	9
	EHD4X48A**	MV12**17C*		37000	30800	18.2	13.7	1060	829	37000	25200	4.1	4.16	22600	14900	2.92	2.6	9
	EHD4X48A**	MV16**21C*		37000	31000	18.2	14	1049	830	37000	25200	4.1	4.18	22400	14800	2.92	2.62	9
	EHD4X48A**	MV20**24C*		36800	30800	18.2	14	1024	821	36800	25200	4.08	4.16	22400	14800	2.92	2.6	9
	EHD4X48A**	NOMV106D12*		35800	28000	17.2	13.2	976	550	36600	23400	3.94	3.54	22400	13800	2.84	2.38	8.5
	EHD4X48A**	NOMV156E19*		36800	29200	17.2	13.2	1156	641	37400	24400	4.12	3.78	23000	14300	2.92	2.46	9
	EHD4X48A**	OLV098A12A		35800	28800	17.2	13	1015	600	37000	24200	3.92	3.68	22800	14100	2.82	2.42	8.8
EHD4X48A**	OLV112A16A		36800	31600	17.2	12.5	1284	1009	37400	26000	4.06	4.22	23600	15600	2.84	2.6	9.5	
EHD4X48A**	OLV154F20A		37000	31800	18	13.5	1248	1022	37000	25800	4.2	4.32	23200	15400	2.96	2.66	9.7	
EHD4X48A**	OMV098J12A		36000	29600	17.7	13	1038	687	37200	24800	3.94	3.9	22800	14400	2.82	2.5	9	
EHD4X48A**	OMV112K14A		36600	31400	17.5	12.7	1207	962	37400	25800	4.06	4.22	23400	15400	2.86	2.6	9.5	
EHD4X48A**	OMV154L20A		36200	31000	18	13.5	1038	844	37000	25400	4.06	4.16	22400	14900	2.9	2.6	9.5	
EHD4X48A**			36400	30800	15.5	12.2	1208	924	37600	26200	3.96	3.88	23600	16000	2.78	2.44	9	
EN(A,D)4X36*21**	*8MV*0901716**		35400	30200	17.5	13	1123	861	36600	25200	3.88	4.02	22600	14800	2.82	2.56	9.2	
EN(A,D)4X36*21**	*8MV*1102120**		35400	30200	17.5	13	1123	861	36600	25200	3.88	4.02	22600	14800	2.82	2.56	9.2	
EN(A,D)4X36*21**	*8MX*0701716**		34800	30200	16.5	12.5	1035	910	36400	25600	3.74	3.96	22600	15200	2.74	2.5	9.2	

Unit Size	AHRI STANDARD RATINGS															
	Cooling					Heating										
	Capacity		SEER	EER	ID CFM		High Temp		Low Temp							
	High	Low			High	Low	High	Low	High	Low						
HCH936GKA	Indoor Model	Furnace Model		SEER	EER	High	Low	High	Low	High	Low	High	Low	High	Low	HSPF
	EN(A,D)4X36*21**	*8MX*0902116**		17	13	1175	925	36800	25400	3.9	4.02	22800	15100	2.82	2.54	9.2
	EN(A,D)4X36*21**	*8MX*1102120**		17	13	1160	1070	36600	25800	3.92	4.14	22600	15400	2.84	2.58	9.5
	EN(A,D)4X36*21**	*9MA*0601714A**		16.7	12.2	1121	858	36600	25600	3.72	3.94	23400	15300	2.7	2.5	9
	EN(A,D)4X36*21**	*9MA*0602120A**		16.7	12.7	1121	858	36000	25600	3.82	4	23200	15200	2.76	2.52	9
	EN(A,D)4X36*21**	*9MA*0801714A**		17	12.5	1121	858	36800	25600	3.78	3.98	23200	15200	2.74	2.52	9.2
	EN(A,D)4X36*21**	*9MA*0802120A**		17.2	13	1121	858	36000	25400	3.88	4.04	23000	15100	2.8	2.56	9
	EN(A,D)4X36*21**	*9MA*1002122A**		17	13	1121	858	35800	25400	3.92	4.06	22800	15100	2.82	2.56	9
	EN(A,D)4X36*21**	*9MV*0601714A**		16.7	12.7	930	775	36200	25000	3.66	3.82	22200	14800	2.7	2.46	9
	EN(A,D)4X36*21**	*9MV*0801716A**		17	13	945	790	36200	25000	3.7	3.88	22200	14800	2.74	2.48	9
	EN(A,D)4X36*21**	*9MV*0802120A**		17.2	13.2	895	795	35800	25000	3.68	3.92	21800	14700	2.74	2.5	9
	EN(A,D)4X36*21**	*9MV*1002120A**		17.2	13.2	875	765	35600	24800	3.66	3.88	21800	14600	2.74	2.5	9
	EN(A,D)4X36*21**	*9MX*0601714A**		17	12.5	1035	710	36400	24600	3.74	3.78	22600	14400	2.74	2.46	8.8
	EN(A,D)4X36*21**	*9MX*0801716A**		16.7	12.7	1025	955	36600	25600	3.76	3.98	22400	15300	2.76	2.52	9.2
	EN(A,D)4X36*21**	MV12**17C*		17.5	13.2	1060	829	36400	25000	3.86	3.98	22400	14700	2.82	2.54	9
	EN(A,D)4X36*21**	MV16**21C*		17.7	13.5	1049	830	36400	25000	3.86	4	22200	14700	2.82	2.54	9
	EN(A,D)4X36*21**	NOMV106D12*		16.7	12.7	976	550	36000	23000	3.72	3.42	22200	13700	2.74	2.34	8.2
	EN(A,D)4X36*21**	NOMV156E19*		16.7	12.7	1156	641	36800	24200	3.86	3.64	22800	14100	2.8	2.4	8.8
	EN(A,D)4X36*21**	OLV098A12A		16.7	12.5	1015	600	36400	24000	3.7	3.56	22600	14000	2.72	2.38	8.5
	EN(A,D)4X36*21**	OLV112A16A		16.5	12	1284	1009	37000	25800	3.8	4.02	23600	15500	2.74	2.52	9.2
EN(A,D)4X36*21**	OMV098J12A		17	12.5	1038	687	36600	24400	3.72	3.76	22600	14300	2.72	2.46	8.8	
EN(A,D)4X36*21**	OMV112K14A		16.7	12.2	1207	962	37200	25600	3.8	4.02	23200	15300	2.76	2.54	9.2	
EN(A,D)4X36*21**			15	12	1200	924	37400	26000	3.74	3.76	23400	15800	2.7	2.4	8.8	
EN(A,D)4X48*24**	*8MV**1102120**		18.2	13.5	1123	861	37000	25400	4.12	4.2	22600	14900	2.94	2.62	9.5	
EN(A,D)4X48*24**	*8MV**1352422**		18.2	13.7	1123	861	37000	25200	4.16	4.22	22600	14900	2.96	2.64	9.7	
EN(A,D)4X48*24**	*8MX*0902116**		17.7	13.2	1230	975	37400	25800	4.16	4.24	23000	15300	2.94	2.62	9.7	
EN(A,D)4X48*24**	*8MX**1102120**		17.7	13.5	1235	1135	37400	26200	4.18	4.36	23000	15600	2.96	2.66	9.7	
EN(A,D)4X48*24**	*9MA*1202422A**		18	13.5	1121	858	37000	25600	4.14	4.22	23000	15100	2.92	2.62	9.5	
EN(A,D)4X48*24**	*9MV*0802120A**		17.7	13.7	935	840	36400	25400	3.94	4.12	22000	14900	2.86	2.58	9	
EN(A,D)4X48*24**	*9MV**1002120A**		17.7	13.7	925	830	36400	25200	3.92	4.12	22000	14900	2.84	2.58	9	
EN(A,D)4X48*24**	*9MV**1202422A**		18	13.7	960	885	36400	25400	3.98	4.2	22200	15000	2.88	2.62	9.5	
EN(A,D)4X48*24**	MV16**21C*		18.2	14	1049	830	36800	25200	4.08	4.18	22400	14800	2.92	2.62	9	
EN(A,D)4X48*24**	MV20**24C*		18.2	14	1024	821	36600	25200	4.06	4.16	22200	14800	2.92	2.62	9	
EN(A,D)4X48*24**	NOMV156E19*		17.2	13.2	1156	641	37200	24400	4.1	3.78	22800	14300	2.92	2.46	9	
EN(A,D)4X48*24**	OLV112A16A		17.2	12.5	1284	1009	37600	26000	4.04	4.22	23600	15500	2.84	2.6	9.5	
EN(A,D)4X48*24**	OMV154L20A		18	13.5	1038	844	36800	25200	4.04	4.16	22400	14900	2.9	2.6	9.5	
EN(A,D)4X48*24**			15.5	12.2	1208	924	37600	26200	3.92	3.86	23600	15900	2.78	2.44	9	
EN(A,D)W4X36*17**	*8MV*0701412**		17.2	12.5	1123	861	36800	25200	3.82	3.98	22800	14900	2.78	2.54	9.2	
EN(A,D)W4X36*17**	*8MV*0901716**		17.5	13	1123	861	36600	25200	3.88	4.02	22600	14800	2.82	2.56	9.2	
EN(A,D)W4X36*17**	*8MX*0451408**		16.7	12.2	1055	740	36800	24800	3.7	3.8	22800	14600	2.7	2.46	9	
EN(A,D)W4X36*17**	*8MX*0701716**		16.5	12.5	1030	905	36400	25600	3.74	3.94	22600	15200	2.74	2.5	9	
EN(A,D)W4X36*17**	*9MA*0601714A**		16.5	12	1121	858	36600	25600	3.72	3.94	23600	15300	2.68	2.5	9	

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating								
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP		
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	
HCH936GKA	EN(A,D,W)4X36*17**	*9MA*0801714A**	35000	30000	16.7	12.5	1121	858	37400	25600	3.78	3.98	23200	15200	2.74	2.52	9.2
	EN(A,D,W)4X36*17**	*9MV*0601714A**	34800	29400	16.7	12.7	925	775	36200	25000	3.64	3.82	22200	14800	2.7	2.46	9
	EN(A,D,W)4X36*17**	*9MV*0801716A**	35000	29600	17	13	940	790	36200	25000	3.7	3.88	22000	14800	2.74	2.48	9
	EN(A,D,W)4X36*17**	*9MX*0601714A**	34800	29000	17	12.5	1030	710	36400	24600	3.74	3.78	22600	14400	2.74	2.46	8.8
	EN(A,D,W)4X36*17**	*9MX*0801716A**	34800	30400	16.7	12.7	1020	955	36400	25600	3.74	3.98	22400	15400	2.74	2.52	9.2
	EN(A,D,W)4X36*17**	MV08**14C*	35400	29800	17.2	13.2	1016	809	36400	25000	3.8	3.96	22200	14700	2.78	2.52	9
	EN(A,D,W)4X36*17**	MV12**17C*	35800	30000	17.5	13.2	1060	829	36600	25000	3.84	3.98	22400	14700	2.82	2.54	9
	EN(A,D,W)4X36*17**	NOMV106D12*	34600	27400	16.7	12.7	976	550	36200	23000	3.72	3.42	22200	13700	2.74	2.34	8.2
	EN(A,D,W)4X36*17**	OLV098A12A	34600	28000	16.7	12.5	1015	600	36400	24000	3.7	3.56	22600	14000	2.72	2.38	8.5
	EN(A,D,W)4X36*17**	OMV098J12A	34600	28800	17	12.2	1038	687	36600	24400	3.7	3.74	22600	14300	2.72	2.44	8.8
	EN(A,D,W)4X36*17**	OMV112K14A	35200	30400	16.7	12.2	1207	962	37200	25600	3.8	4.02	23200	15300	2.74	2.54	9.2
	EN(A,D,W)4X36*17**		35000	29800	15	12	1200	924	37400	26000	3.74	3.76	23400	15800	2.7	2.4	8.8
	EN(A,D,W)4X42*21**	*8MV*0901716**	35800	30400	17.7	13.2	1123	861	36800	25200	3.98	4.1	22600	14900	2.86	2.58	9.5
	EN(A,D,W)4X42*21**	*8MV**1102120**	35800	30400	17.7	13.2	1123	861	36800	25200	3.98	4.08	22600	14900	2.86	2.58	9.5
	EN(A,D,W)4X42*21**	*8MX*0701716**	35200	30400	16.7	12.7	1045	915	36800	25600	3.84	4.02	22600	15300	2.78	2.52	9.2
	EN(A,D,W)4X42*21**	*8MX*0902116**	36000	30800	17.2	13	1190	935	37000	25600	4	4.1	22800	15200	2.86	2.56	9.2
	EN(A,D,W)4X42*21**	*8MX**1102120**	36000	31400	17.2	13.2	1185	1090	37000	26000	4.02	4.22	22800	15500	2.88	2.6	9.5
	EN(A,D,W)4X42*21**	*9MA*0601714A**	35400	30200	17	12.5	1121	858	36800	25600	3.82	4	23600	15400	2.74	2.52	9.2
	EN(A,D,W)4X42*21**	*9MA*0801714A**	35400	30200	17.2	12.5	1121	858	37000	25600	3.88	4.06	23200	15200	2.78	2.54	9.2
	EN(A,D,W)4X42*21**	*9MV*0601714A**	35200	29800	17	13	935	780	36400	25200	3.74	3.9	22200	14800	2.74	2.5	9
	EN(A,D,W)4X42*21**	*9MV*0801716A**	35400	30000	17.2	13.2	950	795	36400	25200	3.78	3.94	22200	14800	2.78	2.52	9
	EN(A,D,W)4X42*21**	*9MV*0802120A**	35200	30000	17.5	13.2	900	800	36000	25000	3.76	3.98	21800	14800	2.78	2.54	9
	EN(A,D,W)4X42*21**	*9MV*1002120A**	35000	29800	17.2	13.2	885	775	35800	25000	3.74	3.94	21800	14700	2.76	2.52	9
	EN(A,D,W)4X42*21**	*9MX*0601714A**	35200	29400	17.2	12.7	1045	715	36600	24800	3.82	3.84	22600	14500	2.78	2.48	9
	EN(A,D,W)4X42*21**	*9MX*0801716A**	35200	30800	17	12.7	1030	965	36800	25800	3.84	4.06	22600	15400	2.78	2.54	9.2
	EN(A,D,W)4X42*21**	MV12**17C*	36200	30200	17.7	13.5	1060	829	36600	25200	3.94	4.06	22400	14800	2.86	2.56	9
	EN(A,D,W)4X42*21**	MV16**21C*	36200	30200	17.7	13.7	1049	830	36600	25200	3.94	4.06	22400	14800	2.86	2.58	9
	EN(A,D,W)4X42*21**	NOMV106D12*	35000	27600	16.7	13	976	550	36200	23200	3.8	3.46	22400	13700	2.78	2.34	8.5
	EN(A,D,W)4X42*21**	NOMV156E19*	35800	28600	17	13	1156	641	37000	24400	3.96	3.7	22800	14200	2.84	2.42	8.8
	EN(A,D,W)4X42*21**	OLV098A12A	35000	28200	16.7	12.5	1015	600	36600	24000	3.78	3.62	22600	14000	2.76	2.4	8.5
	EN(A,D,W)4X42*21**	OLV112A16A	35800	31000	16.7	12.2	1284	1009	37000	25800	3.9	4.1	23600	15500	2.78	2.56	9.2
	EN(A,D,W)4X42*21**	OMV098J12A	35200	29200	17.2	12.5	1038	687	36800	24600	3.8	3.8	22800	14400	2.76	2.48	9
	EN(A,D,W)4X42*21**	OMV112K14A	35800	30800	17	12.5	1207	962	37400	25600	3.9	4.1	23200	15300	2.8	2.56	9.2
	EN(A,D,W)4X42*21**		35400	30000	15.2	12	1208	924	37000	26200	3.82	3.8	23600	15900	2.74	2.42	8.8
	EN(A,D,W)4X48*21**	*8MV*0901716**	36400	30800	18.2	13.5	1123	861	37000	25400	4.12	4.2	22600	14900	2.92	2.62	9.5
	EN(A,D,W)4X48*21**	*8MV**1102120**	36400	30800	18.2	13.5	1123	861	37000	25400	4.12	4.2	22600	14900	2.92	2.62	9.5
	EN(A,D,W)4X48*21**	*8MX*0701716**	36000	31200	17.2	13	1080	945	37200	25800	3.98	4.14	22800	15400	2.84	2.58	9.2
	EN(A,D,W)4X48*21**	*8MX*0902116**	36800	31400	17.7	13.2	1230	975	37400	25800	4.16	4.24	23000	15300	2.94	2.62	9.7
	EN(A,D,W)4X48*21**	*8MX**1102120**	36800	32000	17.7	13.5	1235	1135	37400	26200	4.18	4.36	23000	15600	2.96	2.66	9.7
	EN(A,D,W)4X48*21**	*9MA*0601714A**	36000	30600	17.2	12.7	1121	858	37200	25800	3.96	4.12	23600	15400	2.8	2.56	9.2
	EN(A,D,W)4X48*21**	*9MA*0801714A**	36200	30800	17.5	13	1121	858	37200	25600	4.02	4.16	23400	15300	2.84	2.58	9.5

Unit Size		AHRI STANDARD RATINGS															
		Cooling							Heating								
		Capacity		SEER	EER	ID CFM		High Temp		COP		Capacity		Low Temp		COP	
		High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
HCH936GKA	Indoor Model	Furnace Model															
	EN(A,D,W)4X48*21**	35800	30400	17.2	13.2	960	805	36800	25400	3.88	4.02	22400	15000	2.8	2.54	9	
	EN(A,D,W)4X48*21**	36000	30600	17.5	13.5	970	820	36600	25400	3.92	4.06	22400	15000	2.84	2.56	9	
	EN(A,D,W)4X48*21**	36000	30600	17.7	13.7	935	840	36400	25400	3.94	4.12	22000	14900	2.86	2.58	9	
	EN(A,D,W)4X48*21**	35800	30600	17.7	13.7	925	830	36400	25200	3.92	4.12	22000	14900	2.84	2.58	9	
	EN(A,D,W)4X48*21**	35800	30000	17.5	13	1070	740	37000	25000	3.98	3.96	22800	14700	2.84	2.52	9.2	
	EN(A,D,W)4X48*21**	35800	31400	17.2	13	1055	990	37000	26000	3.98	4.18	22600	15500	2.86	2.58	9.2	
	EN(A,D,W)4X48*21**	36800	30600	18.2	13.7	1060	829	36800	25200	4.08	4.16	22400	14800	2.92	2.6	9	
	EN(A,D,W)4X48*21**	36800	30800	18.2	14	1049	830	36800	25200	4.08	4.18	22400	14800	2.92	2.62	9	
	EN(A,D,W)4X48*21**	35600	28000	17.2	13.2	976	550	36600	23400	3.94	3.54	22400	13800	2.84	2.38	8.5	
	EN(A,D,W)4X48*21**	36400	29000	17.2	13.2	1156	641	37200	24400	4.1	3.78	22800	14300	2.92	2.46	9	
	EN(A,D,W)4X48*21**	35600	28600	17.2	13	1015	600	37000	24200	3.92	3.68	22600	14100	2.82	2.42	8.8	
	EN(A,D,W)4X48*21**	36600	31400	17.2	12.5	1284	1009	37600	26000	4.04	4.22	23600	15500	2.84	2.6	9.5	
	EN(A,D,W)4X48*21**	35800	29600	17.5	13	1038	687	37000	24600	3.92	3.9	22800	14400	2.82	2.5	9	
	EN(A,D,W)4X48*21**	36400	31400	17.7	13	1207	962	37000	25800	4.04	4.22	23200	15300	2.86	2.62	9.5	
	EN(A,D,W)4X48*21**	36000	30600	15.5	12.2	1208	924	37600	26200	3.92	3.86	23600	15900	2.78	2.44	9	
	END4X42*17**	35800	30600	17.5	13	1123	861	37200	25400	3.96	4.1	23000	15000	2.84	2.58	9.2	
	END4X42*17**	36000	30600	18	13.2	1123	861	37000	25200	4.04	4.14	22600	14900	2.88	2.6	9.5	
	END4X42*17**	35400	29800	17.2	12.5	1070	750	37200	25000	3.84	3.92	23000	14700	2.76	2.5	9	
	END4X42*17**	35400	30800	17	12.7	1045	915	37000	25800	3.9	4.06	22800	15300	2.8	2.54	9.2	
END4X42*17**	35600	30400	17	12.5	1121	858	37000	25800	3.86	4.04	23600	15400	2.74	2.54	9.2		
END4X42*17**	35800	30600	17.2	12.7	1121	858	37000	25600	3.92	4.1	23400	15300	2.8	2.56	9.2		
END4X42*17**	35400	30000	17	13	935	785	36600	25200	3.8	3.94	22400	14900	2.76	2.5	9		
END4X42*17**	35600	30200	17.2	13.2	950	800	36400	25200	3.84	4	22200	14900	2.8	2.54	9		
END4X42*17**	35400	29600	17.2	12.7	1040	715	36800	24800	3.88	3.88	22800	14600	2.8	2.5	9		
END4X42*17**	35400	31000	17	13	1030	965	36800	25800	3.9	4.1	22600	15500	2.82	2.56	9.2		
END4X42*17**	36200	30400	17.7	13.5	1016	809	36800	25200	3.94	4.06	22400	14800	2.84	2.56	9		
END4X42*17**	36400	30400	17.7	13.5	1060	829	36800	25200	4	4.1	22400	14800	2.88	2.58	9		
END4X42*17**	35200	27800	17	13	976	550	36400	23400	3.86	3.5	22400	13800	2.8	2.36	8.5		
END4X42*17**	35400	28400	17	12.7	1015	600	36800	24200	3.84	3.66	22800	14000	2.78	2.4	8.8		
END4X42*17**	35400	29400	17.2	12.5	1038	687	37000	24600	3.86	3.84	22800	14400	2.78	2.48	9		
END4X42*17**	36000	31000	17.2	12.5	1207	962	37000	25800	3.94	4.14	23400	15400	2.82	2.58	9.2		
END4X42*17**	35800	30400	15.2	12	1208	924	37600	26200	3.86	3.84	23600	15900	2.76	2.42	9		
ENH4X36*17**	35200	30000	17.2	12.5	1123	861	36800	25200	3.82	3.98	22800	14900	2.78	2.54	9.2		
ENH4X36*17**	35400	30200	17.5	13	1123	861	36600	25200	3.88	4.02	22600	14800	2.82	2.56	9.2		
ENH4X36*17**	35400	30200	17.5	13	1123	861	36600	25200	3.88	4.02	22600	14800	2.82	2.54	9.2		
ENH4X36*17**	35400	30200	17.5	13	1123	861	36600	25200	3.9	4.04	22400	14800	2.84	2.56	9.2		
ENH4X36*17**	34600	29200	16.7	12.2	1055	740	36800	24800	3.7	3.8	22800	14600	2.7	2.46	9		
ENH4X36*17**	34800	30200	16.5	12.5	1030	905	36400	25600	3.74	3.94	22600	15200	2.74	2.5	9		
ENH4X36*17**	35400	30400	17	13	1165	920	36800	25400	3.9	4.02	22800	15100	2.82	2.54	9.2		
ENH4X36*17**	35400	31000	17	13	1150	1065	36600	25800	3.9	4.14	22600	15400	2.82	2.58	9.5		
ENH4X36*17**	34800	30000	16.5	12	1121	858	36600	25600	3.72	3.94	23600	15300	2.68	2.5	9		

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating									
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP			
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low		
			35000	30000	17	12.5	1121	858	36800	25600	3.78	3.98	23200	15200	2.74	2.52	9.2	
HCH936GKA	ENH4X36*17**	*9MA*0801714A**	35000	30000	17	12.5	1121	858	36800	25600	3.78	3.98	23200	15200	2.74	2.52	9.2	
	ENH4X36*17**	*9MA*1202422A**	35200	30000	17.2	12.7	1121	858	36600	25400	3.88	4.04	23000	15100	2.8	2.54	9.2	
	ENH4X36*17**	*9MV*0601714A**	34800	29400	16.7	12.7	925	775	36200	25000	3.64	3.82	22200	14800	2.7	2.46	9	
	ENH4X36*17**	*9MV*0801716A**	35000	29600	17	13	940	790	36200	25000	3.7	3.88	22000	14800	2.74	2.48	9	
	ENH4X36*17**	*9MX*0601714A**	34800	29000	17	12.5	1030	710	36400	24600	3.74	3.78	22600	14400	2.74	2.46	8.8	
	ENH4X36*17**	*9MX*0801716A**	34800	30400	16.7	12.7	1020	955	36400	25600	3.74	3.98	22400	15400	2.74	2.52	9.2	
	ENH4X36*17**	MV08**14C*	35400	29800	17.2	13.2	1016	809	36400	25000	3.8	3.96	22200	14700	2.78	2.52	9	
	ENH4X36*17**	MV12**17C*	35800	30000	17.5	13.2	1060	829	36600	25000	3.84	3.98	22400	14700	2.82	2.54	9	
	ENH4X36*17**	NOMV106D12*	34600	27400	16.7	12.7	976	550	36200	23000	3.72	3.42	22200	13700	2.74	2.34	8.2	
	ENH4X36*17**	NOMV156E19*	35400	28400	16.7	12.7	1156	641	36800	24200	3.86	3.64	22800	14200	2.8	2.4	8.8	
	ENH4X36*17**	OLV098A12A	34600	28000	16.7	12.5	1015	600	36400	24000	3.7	3.56	22600	14000	2.72	2.38	8.5	
	ENH4X36*17**	OLV112A16A	35400	30600	16.5	12	1284	1009	37000	25800	3.8	4.02	23600	15500	2.72	2.52	9.2	
	ENH4X36*17**	OLV154F20A	35800	30800	17.2	12.7	1248	1022	37000	25600	3.94	4.12	23000	15300	2.84	2.58	9.2	
	ENH4X36*17**	OMV098J12A	34600	28800	17	12.2	1038	687	36600	24400	3.7	3.74	22600	14300	2.72	2.44	8.8	
	ENH4X36*17**	OMV112K14A	35200	30400	16.7	12.2	1207	962	37200	25600	3.8	4.02	23200	15300	2.74	2.54	9.2	
	ENH4X36*17**		35000	29800	15	12	1200	924	37400	26000	3.74	3.76	23400	15800	2.7	2.4	8.8	
	ENH4X42*21**	*8MV*0701412**	*8MV*0701412**	35600	30400	17.5	12.7	1123	861	37000	25200	3.9	4.06	22800	14900	2.82	2.56	9.2
	ENH4X42*21**	*8MV*0901716**	*8MV*0901716**	35800	30400	17.7	13.2	1123	861	36800	25200	3.98	4.1	22600	14900	2.86	2.58	9.5
	ENH4X42*21**	*8MV**1102120**	*8MV**1102120**	35800	30400	17.7	13.2	1123	861	36800	25200	3.98	4.08	22600	14900	2.86	2.58	9.5
	ENH4X42*21**	*8MV**1352422**	*8MV**1352422**	35800	30400	17.7	13.2	1123	861	36600	25200	4	4.1	22600	14800	2.88	2.58	9.5
	ENH4X42*21**	*8MX*0451408**	*8MX*0451408**	35200	29600	17	12.5	1070	745	37000	25000	3.78	3.88	23000	14600	2.74	2.48	9
	ENH4X42*21**	*8MX*0701716**	*8MX*0701716**	35800	30600	17	12.5	1245	930	37000	25600	3.86	4.04	23600	15300	2.76	2.54	9.2
	ENH4X42*21**	*8MX*0902116**	*8MX*0902116**	36000	30800	17.2	13	1190	935	37000	25600	4	4.1	22800	15200	2.86	2.56	9.2
	ENH4X42*21**	*8MX**1102120**	*8MX**1102120**	36000	31400	17.2	13.2	1185	1090	37000	26000	4.02	4.22	22800	15500	2.88	2.6	9.5
	ENH4X42*21**	*9MA*0601714A**	*9MA*0601714A**	35400	30200	17	12.5	1121	858	36800	25600	3.82	4	23600	15400	2.74	2.52	9.2
	ENH4X42*21**	*9MA*0801714A**	*9MA*0801714A**	35400	30200	17.2	12.5	1121	858	37000	25600	3.88	4.06	23200	15200	2.78	2.54	9.2
	ENH4X42*21**	*9MA*1202422A**	*9MA*1202422A**	35800	30400	17.5	13	1121	858	36800	25400	3.98	4.1	23000	15100	2.86	2.58	9.2
	ENH4X42*21**	*9MV*0601714A**	*9MV*0601714A**	35200	29800	17	13	935	780	36400	25200	3.74	3.9	22200	14800	2.74	2.5	9
ENH4X42*21**	*9MV*0801716A**	*9MV*0801716A**	35400	30000	17.2	13.2	950	795	36400	25200	3.78	3.94	22200	14800	2.78	2.52	9	
ENH4X42*21**	*9MV*0802120A**	*9MV*0802120A**	35200	30000	17.5	13.2	900	800	36000	25000	3.76	3.98	21800	14800	2.78	2.54	9	
ENH4X42*21**	*9MV*1002120A**	*9MV*1002120A**	35000	29800	17.2	13.2	885	775	35800	25000	3.74	3.94	21800	14700	2.76	2.52	9	
ENH4X42*21**	*9MX*0601714A**	*9MX*0601714A**	35200	29400	17.2	12.7	1045	715	36600	24800	3.82	3.84	22600	14500	2.78	2.48	9	
ENH4X42*21**	*9MX*0801716A**	*9MX*0801716A**	35200	30800	17	12.7	1030	965	36800	25800	3.84	4.06	22600	15400	2.78	2.54	9.2	
ENH4X42*21**	MV12**17C*	MV12**17C*	36200	30200	17.7	13.5	1060	829	36600	25200	3.94	4.06	22400	14800	2.86	2.56	9	
ENH4X42*21**	MV16**21C*	MV16**21C*	36200	30200	17.7	13.7	1049	830	36600	25200	3.94	4.06	22400	14800	2.86	2.58	9	
ENH4X42*21**	NOMV106D12*	NOMV106D12*	35000	27600	16.7	13	976	550	36200	23200	3.8	3.46	22400	13700	2.78	2.34	8.5	
ENH4X42*21**	NOMV156E19*	NOMV156E19*	35800	28600	17	13	1156	641	37000	24400	3.96	3.7	22800	14200	2.84	2.42	8.8	
ENH4X42*21**	OLV098A12A	OLV098A12A	35000	28200	16.7	12.5	1015	600	36600	24000	3.78	3.62	22600	14000	2.76	2.4	8.5	
ENH4X42*21**	OLV112A16A	OLV112A16A	35800	31000	16.7	12.2	1284	1009	37000	25800	3.9	4.1	23600	15500	2.78	2.56	9.2	
ENH4X42*21**	OLV154F20A	OLV154F20A	36200	31200	17.5	13	1248	1022	37200	25800	4.04	4.2	23000	15300	2.88	2.62	9.5	
ENH4X42*21**	OMV098J12A	OMV098J12A	35200	29200	17.2	12.5	1038	687	36800	24600	3.8	3.8	22800	14400	2.76	2.48	9	



Unit Size		AHRI STANDARD RATINGS														
		Cooling						Heating								
		Capacity		SEER	EER	ID CFM		High Temp		Low Temp		COP				
		High	Low			High	Low	High	Low	High	Low	High	Low			
HCH936GKA	Indoor Model	Furnace Model														
	ENH4X42*21**	35800	30800	17	12.5	1207	962	37400	25600	3.9	4.1	23200	15300	2.8	2.56	9.2
	ENH4X42*21**	35400	30000	15.2	12	1208	924	37000	26200	3.82	3.8	23600	15900	2.74	2.42	8.8
	ENH4X48*21**	36200	30800	17.7	13	1123	861	37200	25400	4.04	4.16	22800	15000	2.88	2.6	9.5
	ENH4X48*21**	36400	30800	18.2	13.5	1123	861	37000	25400	4.12	4.2	22600	14900	2.92	2.62	9.5
	ENH4X48*21**	36400	30800	18.2	13.5	1123	861	37000	25400	4.12	4.2	22600	14900	2.94	2.62	9.5
	ENH4X48*21**	36400	31000	18.2	13.7	1123	861	37000	25200	4.16	4.22	22600	14900	2.96	2.64	9.7
	ENH4X48*21**	35800	30200	17.5	12.5	1100	765	37400	25200	3.92	4	23200	14800	2.8	2.54	9.2
	ENH4X48*21**	36000	31200	17.2	13	1080	945	37200	25800	3.98	4.14	22800	15400	2.84	2.58	9.2
	ENH4X48*21**	36800	31400	18	13.2	1230	975	37400	25800	4.16	4.24	23000	15300	2.94	2.62	9.7
	ENH4X48*21**	36800	32000	17.7	13.5	1235	1135	37400	26200	4.18	4.36	23000	15600	2.96	2.66	9.7
	ENH4X48*21**	36000	30600	17.2	12.7	1121	858	37200	25800	3.96	4.12	23600	15400	2.8	2.56	9.2
	ENH4X48*21**	36200	30800	17.5	13	1121	858	37200	25600	4.02	4.16	23400	15300	2.84	2.58	9.5
	ENH4X48*21**	36400	30800	18	13.5	1121	858	37000	25600	4.14	4.22	23000	15100	2.92	2.62	9.5
	ENH4X48*21**	35800	30400	17.2	13.2	960	805	36800	25400	3.88	4.02	22400	15000	2.8	2.54	9
	ENH4X48*21**	36000	30600	17.5	13.5	970	820	36600	25400	3.92	4.06	22400	15000	2.84	2.56	9
	ENH4X48*21**	36000	30600	17.7	13.7	935	840	36400	25400	3.94	4.12	22000	14900	2.86	2.58	9
	ENH4X48*21**	35800	30600	17.7	13.7	925	830	36400	25200	3.92	4.12	22000	14900	2.84	2.58	9
	ENH4X48*21**	35800	30000	17.5	13	1070	740	37000	25000	3.98	3.96	22800	14700	2.84	2.52	9.2
	ENH4X48*21**	35800	31400	17.2	13	1055	990	37000	26000	3.98	4.18	22600	15500	2.86	2.58	9.2
ENH4X48*21**	36800	30600	18.2	13.7	1060	829	36800	25200	4.08	4.16	22400	14800	2.92	2.6	9	
ENH4X48*21**	36800	30800	18.2	14	1049	830	36800	25200	4.08	4.18	22400	14800	2.92	2.62	9	
ENH4X48*21**	35600	28000	17.2	13.2	976	550	36600	23400	3.94	3.54	22400	13800	2.84	2.38	8.5	
ENH4X48*21**	36400	29000	17.2	13.2	1156	641	37200	24400	4.1	3.78	22800	14300	2.92	2.46	9	
ENH4X48*21**	35600	28600	17.2	13	1015	600	37000	24200	3.92	3.68	22600	14100	2.82	2.42	8.8	
ENH4X48*21**	36600	31400	17.2	12.5	1284	1009	37400	26000	4.04	4.22	23600	15500	2.84	2.6	9.5	
ENH4X48*21**	36800	31600	18.2	13.5	1248	1022	37400	25800	4.18	4.32	23000	15300	2.96	2.66	9.7	
ENH4X48*21**	35800	29600	17.5	13	1038	687	37000	24600	3.92	3.9	22800	14400	2.82	2.5	9	
ENH4X48*21**	36400	31400	17.7	13	1207	962	37000	25800	4.04	4.22	23200	15300	2.86	2.62	9.5	
ENH4X48*21**	36000	30600	15.5	12.2	1208	924	37600	26200	3.92	3.86	23600	15900	2.78	2.44	9	

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS Indoor Models

AHRI STANDARD RATINGS

Unit Size	Indoor Model <small>*Tested Model</small>	Furnace Model	Cooling						Heating							
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP	
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low
			47000	38000	17	13.2	1400	1120	47500	34000	3.88	4.08	29800	20400	2.9	2.66
HCH948GKA	*FCM4X60***		46000	38000	16.5	12.7	1300	1040	47000	34000	3.74	3.98	29800	20400	2.84	2.6
	FVM4X48****		46000	38500	16.5	12.7	1400	1120	47000	34000	3.74	3.98	29800	20400	2.84	2.6
	FVM4X60****		47000	39000	17	13	1400	1120	47500	34200	3.9	4.1	29600	20400	2.9	2.66
	EA*4X48*17A*	*8MV*0901716**	45000	37500	16	12.2	1300	1040	48000	34400	3.72	3.94	30200	20600	2.78	2.58
	EA*4X48*17A*	*8MX*0701716**	45000	37500	15.2	11.3	1415	1065	48000	34400	3.56	3.8	30800	20800	2.66	2.5
	EA*4X48*17A*	*9MV*0801716A**	44000	37500	15.2	12	1255	1085	48000	34400	3.58	3.8	30800	20800	2.72	2.52
	EA*4X48*17A*	*9MX*0801716A**	45000	37500	15.2	11.7	1350	1045	48000	34200	3.6	3.8	30400	20600	2.7	2.5
	EA*4X48*17A*		45500	37500	14.2	11.7	1400	1120	48000	35000	3.64	3.7	30400	21400	2.72	2.44
	EA*4X48*21A*	*8MV*0901716**	45000	37500	16	12.2	1300	1040	48000	34200	3.66	3.88	30000	20600	2.76	2.56
	EA*4X48*21A*	*8MV*1102120**	45000	37500	16	12.2	1300	1040	48000	34200	3.68	3.9	30000	20400	2.78	2.56
	EA*4X48*21A*	*8MX*0701716**	44500	37500	15.2	11.3	1430	1080	48000	34200	3.52	3.76	30800	20600	2.64	2.5
	EA*4X48*21A*	*8MX*0902116**	45000	37500	16	12.2	1395	1090	48000	34000	3.66	3.86	30000	20400	2.76	2.56
	EA*4X48*21A*	*8MX*1102120**	45000	37500	16	12.2	1350	1110	47500	34000	3.68	3.9	29800	20400	2.78	2.56
	EA*4X48*21A*	*9MA*0602120A**	44500	37000	15.2	11.7	1300	1040	48000	34400	3.56	3.8	30400	20800	2.68	2.5
	EA*4X48*21A*	*9MA*0802120A**	45000	37000	15.7	12.2	1300	1040	48000	34200	3.64	3.86	30200	20600	2.74	2.54
	EA*4X48*21A*	*9MA*1002122A**	45000	37500	16	12.2	1300	1040	48000	34200	3.68	3.88	30000	20600	2.76	2.56
	EA*4X48*21A*	*9MV*0801716A**	44000	37500	15.2	11.7	1265	1095	47500	34400	3.54	3.76	30000	20800	2.7	2.5
	EA*4X48*21A*	*9MV*0802120A**	44000	37500	15.7	12.2	1230	1090	47000	34000	3.58	3.84	29400	20600	2.74	2.54
	EA*4X48*21A*	*9MV*1002120A**	44000	37500	15.7	12.2	1215	1075	47000	34000	3.58	3.82	29400	20400	2.74	2.54
	EA*4X48*21A*	*9MX*0801716A**	44500	37000	15.2	11.7	1365	1055	48000	34000	3.56	3.76	30400	20600	2.68	2.5
	EA*4X48*21A*	*9MX*0802120A**	45000	38000	15.5	12	1385	1240	48000	34800	3.66	3.9	30000	21000	2.76	2.56
	EA*4X48*21A*	*9MX*1002120A**	45000	38000	15.7	12.2	1360	1180	48000	34400	3.66	3.9	30000	20800	2.76	2.56
	EA*4X48*21A*	MV16*21C*	45500	38000	16.2	12.2	1404	1114	48000	34000	3.7	3.92	29800	20400	2.8	2.58
	EA*4X48*21A*	NOMV156E19*	45000	35000	15.2	12	1355	721	48000	32000	3.62	3.36	30000	18900	2.74	2.34
	EA*4X48*21A*	OLV112A16A	45000	37500	15	11.5	1449	1169	48000	34600	3.56	3.82	30600	21000	2.68	2.5
	EA*4X48*21A*		45000	37000	14.2	11.7	1400	1120	48000	34800	3.58	3.64	30400	21400	2.7	2.42
	EA*4X48*24A*	*8MV*1102120**	45000	37500	16	12.5	1300	1040	48000	34000	3.7	3.9	29800	20400	2.78	2.58
	EA*4X48*24A*	*8MV*1352422**	45000	37500	16.2	12.5	1300	1040	47500	34000	3.74	3.94	29800	20400	2.82	2.58
	EA*4X48*24A*	*8MX*0902116**	45500	37500	16	12.2	1415	1100	48000	34000	3.68	3.88	30000	20400	2.78	2.56
	EA*4X48*24A*	*8MX*1102120**	45500	38000	16.2	12.5	1375	1130	47500	34200	3.7	3.92	29800	20400	2.8	2.58
	EA*4X48*24A*	*8MX*1352420**	45500	38000	15.7	12.2	1400	1230	48000	34600	3.7	3.94	30000	20800	2.78	2.58
	EA*4X48*24A*	*9MA*0602120A**	44500	37000	15.5	11.7	1300	1040	48000	34400	3.58	3.82	30400	20800	2.7	2.52
	EA*4X48*24A*	*9MA*0802120A**	45000	37000	15.7	12.2	1300	1040	48000	34200	3.66	3.88	30000	20600	2.76	2.56
	EA*4X48*24A*	*9MA*1002122A**	45000	37500	16	12.2	1300	1040	48000	34200	3.7	3.9	30000	20400	2.78	2.56
	EA*4X48*24A*	*9MA*1202422A**	45000	37000	15.7	12.2	1300	1040	48000	34200	3.68	3.88	30000	20600	2.76	2.56
	EA*4X48*24A*	*9MV*0802120A**	44000	37500	15.7	12.2	1250	1110	47000	34200	3.6	3.86	29600	20600	2.76	2.54
	EA*4X48*24A*	*9MV*1002120A**	44000	37500	15.7	12.2	1230	1090	47000	34000	3.6	3.84	29400	20600	2.76	2.54
	EA*4X48*24A*	*9MX*1202422A**	44000	37500	15.7	12.2	1270	1115	47000	34200	3.62	3.88	29600	20600	2.76	2.56
	EA*4X48*24A*	*9MX*0802120A**	45000	38000	15.5	12.2	1405	1255	48000	34800	3.66	3.92	30000	21000	2.76	2.56
	EA*4X48*24A*	*9MX*1002120A**	45000	38000	15.7	12.2	1380	1200	48000	34600	3.68	3.92	30000	20800	2.78	2.56
	EA*4X48*24A*	*9MX*1202422A**	45500	38500	15.5	12.2	1410	1285	48000	34800	3.68	3.94	30000	21200	2.76	2.56
	EA*4X48*24A*	MV16*21C*	45500	38000	16.2	12.5	1404	1114	48000	34000	3.72	3.94	29800	20400	2.8	2.58
	EA*4X48*24A*	MV20*24C*	45000	38000	16.2	12.5	1339	1116	48000	34000	3.7	3.94	29600	20400	2.8	2.6

Unit Size HCH948GKA		AHRI STANDARD RATINGS																			
		Cooling										Heating									
Indoor Model	Furnace Model	Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP		Capacity		COP		HSPF	
		High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low		
EA*4X48*24A*	NOMV156E19*	45000	35000	15.5	12	1355	721	48000	32000	3.64	3.36	48000	18800	2.74	2.34	8.2					
EA*4X48*24A*	OLV112A16A	45000	37500	15.2	11.5	1449	1169	48000	34600	3.58	3.84	48000	21000	2.68	2.52	9					
EA*4X48*24A*	OMV154L20A	45000	37500	16	12.2	1376	1112	48000	34000	3.68	3.88	48000	20400	2.78	2.56	9.2					
EA*4X48*24A*		45000	37000	14.2	11.7	1400	1120	48000	34800	3.58	3.64	48000	21400	2.7	2.42	8.8					
EA*4X60*21A*	*8MV*0901716**	46000	37500	16.2	12.5	1300	1040	48000	34400	3.72	3.96	48000	20600	2.8	2.6	9.2					
EA*4X60*21A*	*8MV*1102120**	46000	37500	16.2	12.7	1300	1040	48000	34200	3.74	3.98	48000	20600	2.82	2.6	9.2					
EA*4X60*21A*	*8MX*0701716**	45500	37500	15.2	11.5	1445	1090	48000	34400	3.58	3.84	48000	20800	2.68	2.54	9.2					
EA*4X60*21A*	*8MX*0902116**	46000	38000	16.2	12.2	1410	1100	48000	34200	3.72	3.96	48000	20600	2.8	2.6	9.2					
EA*4X60*21A*	*8MX*1102120**	46000	38000	16.2	12.7	1370	1125	48000	34200	3.74	3.98	48000	20600	2.84	2.6	9.5					
EA*4X60*21A*	*9MA*0602120A**	45500	37500	15.7	12.2	1300	1040	48000	34600	3.62	3.88	48000	20800	2.72	2.54	9					
EA*4X60*21A*	*9MA*0802120A**	45500	37500	16	12.5	1230	1090	47000	34200	3.64	3.92	48000	20600	2.8	2.58	9					
EA*4X60*21A*	*9MA*1002122A**	46000	37500	16.2	12.7	1300	1040	48000	34400	3.74	3.96	48000	20600	2.82	2.6	9					
EA*4X60*21A*	*9MV*0801716A**	45000	38000	15.5	12.2	1280	1105	48000	34600	3.6	3.86	48000	20800	2.74	2.54	9					
EA*4X60*21A*	*9MV*0802120A**	45000	38000	16	12.5	1245	1105	47500	34400	3.64	3.92	48000	20600	2.8	2.58	9					
EA*4X60*21A*	*9MV*1002120A**	45000	38000	16	12.5	1230	1090	47000	34200	3.64	3.92	48000	20600	2.8	2.58	9					
EA*4X60*21A*	*9MX*0801716A**	45500	37500	15.5	11.7	1375	1065	48000	34200	3.6	3.84	48000	20600	2.72	2.52	9.2					
EA*4X60*21A*	*9MX*0802120A**	46000	38500	15.7	12.2	1400	1255	48000	35000	3.72	4	48000	21200	2.8	2.6	9.2					
EA*4X60*21A*	*9MX*1002120A**	46000	38500	16	12.5	1375	1195	48000	34600	3.7	3.98	48000	21000	2.8	2.6	9.2					
EA*4X60*21A*	MV16**21C*	46500	38000	16.5	12.7	1404	1114	48000	34200	3.78	4	48000	20400	2.84	2.62	9.5					
EA*4X60*21A*	NOMV156E19*	46000	35200	15.5	12.2	1355	721	48000	32200	3.68	3.4	48000	18900	2.78	2.36	8.5					
EA*4X60*21A*	OLV112A16A	46000	38000	15.2	11.7	1449	1169	48000	34800	3.64	3.9	48000	21000	2.72	2.54	9.2					
EA*4X60*21A*		46000	37500	14.5	11.7	1400	1120	48000	35000	3.62	3.72	48000	21400	2.72	2.44	8.8					
EA*4X60*24A*	*8MV*1102120**	46000	37500	16.2	12.7	1300	1040	48000	34200	3.76	3.98	48000	20600	2.82	2.6	9.2					
EA*4X60*24A*	*8MV*1352422**	46000	37500	16.5	12.7	1300	1040	48000	34200	3.78	4	48000	20600	2.86	2.62	9.5					
EA*4X60*24A*	*8MX*0902116**	46000	38000	16.2	12.5	1420	1105	48000	34200	3.74	3.96	48000	20600	2.82	2.6	9.2					
EA*4X60*24A*	*8MX*1102120**	46500	38000	16.2	12.7	1380	1130	48000	34200	3.76	4	48000	20600	2.84	2.6	9.5					
EA*4X60*24A*	*8MX*1352420**	46000	38500	16	12.5	1400	1235	48000	34800	3.74	4.02	48000	21000	2.82	2.6	9.5					
EA*4X60*24A*	*9MA*0602120A**	45500	37500	15.7	12.2	1300	1040	48000	34600	3.62	3.88	48000	20800	2.74	2.54	9					
EA*4X60*24A*	*9MA*0802120A**	46000	37500	16	12.5	1300	1040	48000	34400	3.72	3.94	48000	20600	2.8	2.58	9					
EA*4X60*24A*	*9MA*1002122A**	46000	37500	16.2	12.7	1300	1040	48000	34400	3.74	3.96	48000	20600	2.82	2.6	9					
EA*4X60*24A*	*9MA*1202422A**	46000	37500	16	12.5	1300	1040	48000	34400	3.72	3.94	48000	20600	2.8	2.58	9.2					
EA*4X60*24A*	*9MV*0802120A**	45000	38000	16	12.5	1250	1110	47500	34400	3.66	3.94	48000	20600	2.8	2.58	9					
EA*4X60*24A*	*9MV*1002120A**	45000	38000	16	12.5	1235	1095	47000	34200	3.64	3.92	48000	20600	2.8	2.58	9					
EA*4X60*24A*	*9MV*1202422A**	45000	38000	16	12.7	1270	1115	47500	34400	3.68	3.94	48000	20600	2.8	2.58	9					
EA*4X60*24A*	*9MX*0802120A**	46000	38500	15.7	12.2	1410	1260	48000	35000	3.72	4	48000	21200	2.8	2.6	9.5					
EA*4X60*24A*	*9MX*1002120A**	46000	38500	16	12.5	1385	1200	48000	34600	3.72	4	48000	21000	2.82	2.6	9.2					
EA*4X60*24A*	*9MX*1202422A**	46000	39000	15.7	12.5	1415	1290	48000	35000	3.74	4.02	48000	21200	2.82	2.6	9.5					
EA*4X60*24A*	MV16**21C*	46500	38000	16.5	12.7	1404	1114	48000	34200	3.78	4	48000	20400	2.84	2.62	9.5					
EA*4X60*24A*	MV20**24C*	46000	38000	16.5	12.7	1339	1116	48000	34200	3.74	4.02	48000	20400	2.84	2.62	9.5					
EA*4X60*24A*	NOMV156E19*	46000	35200	15.5	12.2	1355	721	48000	32200	3.68	3.4	48000	19000	2.78	2.36	8.5					
EA*4X60*24A*	OLV112A16A	46000	38000	15.2	11.7	1449	1169	48000	34800	3.64	3.9	48000	21000	2.72	2.54	9.2					
EA*4X60*24A*	OMV154L20A	46000	38000	16.2	12.5	1376	1112	48000	34200	3.72	3.96	48000	20600	2.82	2.6	9.2					
EA*4X60*24A*		46000	37500	14.5	11.7	1400	1120	48000	35000	3.62	3.72	48000	21400	2.72	2.44	8.8					
EHD4X48A**	*8MV*0901716**	45500	37500	16.2	12.2	1300	1040	48000	34200	3.7	3.92	48000	20600	2.78	2.58	9.2					
EHD4X48A**	*8MV*1102120**	45500	37500	16.2	12.5	1300	1040	48000	34200	3.72	3.94	48000	20600	2.8	2.58	9.2					

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating							
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP	
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low
			45500	38000	16.2	12.7	1300	1040	48000	34200	3.76	3.96	29800	20600	2.82	2.6
HCH948GKA	EHD4X48A**	*8MV**1352422**	45500	38000	16.2	12.7	1300	1040	48000	34200	3.76	3.96	29800	20600	2.82	2.6
	EHD4X48A**	*8MX*0701716**	45000	37500	15.2	11.3	1425	1075	48000	34400	3.56	3.8	30800	20800	2.66	2.5
	EHD4X48A**	*8MX*0902116**	45500	38000	16	12.2	1390	1080	48000	34000	3.7	3.9	30000	20400	2.78	2.56
	EHD4X48A**	*8MX*1102120**	45500	38000	16.2	12.5	1340	1105	48000	34200	3.72	3.94	29800	20600	2.8	2.58
	EHD4X48A**	*8MX*1352420**	45500	38500	15.7	12.2	1360	1200	48000	34600	3.7	3.96	30000	21000	2.78	2.58
	EHD4X48A**	*9MA*0602120A**	45000	37500	15.5	12	1300	1040	48000	34400	3.6	3.84	30600	20800	2.7	2.52
	EHD4X48A**	*9MA*0802120A**	45500	37500	16	12.2	1300	1040	48000	34400	3.7	3.9	30200	20600	2.76	2.56
	EHD4X48A**	*9MA*1002122A**	45500	37500	16	12.5	1300	1040	48000	34200	3.72	3.92	30000	20600	2.78	2.58
	EHD4X48A**	*9MA*1202422A**	45500	37500	16	12.2	1300	1040	48000	34400	3.7	3.9	30200	20600	2.78	2.56
	EHD4X48A**	*9MV*0801716A**	44500	37500	15.2	12	1265	1090	48000	34400	3.58	3.8	30000	20800	2.72	2.52
	EHD4X48A**	*9MV*0802120A**	44500	38000	15.7	12.5	1225	1085	47500	34200	3.64	3.86	29600	20600	2.76	2.54
	EHD4X48A**	*9MV*1002120A**	44500	38000	16	12.5	1205	1070	47000	34200	3.62	3.86	29400	20600	2.76	2.54
	EHD4X48A**	*9MV*1202422A**	44500	38000	16	12.5	1240	1090	47500	34200	3.64	3.88	29600	20600	2.78	2.56
	EHD4X48A**	*9MX*0801716A**	45000	37500	15.5	11.7	1360	1050	48000	34200	3.6	3.78	30400	20600	2.7	2.5
	EHD4X48A**	*9MX*0802120A**	45500	38500	15.5	12.2	1380	1235	48000	34800	3.7	3.94	30000	21200	2.78	2.56
	EHD4X48A**	*9MX*1002120A**	45500	38500	15.7	12.2	1350	1175	48000	34600	3.7	3.94	30000	20800	2.78	2.58
	EHD4X48A**	*9MX*1202422A**	45500	38500	15.5	12.2	1375	1255	48000	35000	3.7	3.96	30000	21200	2.78	2.56
	EHD4X48A**	MV16**21C*	46000	38000	16.2	12.5	1404	1114	48000	34200	3.76	3.96	30000	20600	2.82	2.6
	EHD4X48A**	MV20**24C*	45500	38000	16.2	12.5	1339	1116	48000	34200	3.72	3.98	29800	20400	2.8	2.6
	EHD4X48A**	NOMV156E19*	45500	35400	15.5	12	1355	721	48000	32000	3.66	3.38	30200	18900	2.76	2.36
	EHD4X48A**	OLV112A16A	45500	38000	15.2	11.5	1449	1169	48000	34800	3.6	3.86	30800	21200	2.68	2.52
	EHD4X48A**	OLV154F20A	46500	39000	15.7	11.7	1669	1330	48000	35000	3.74	4.04	30800	21400	2.76	2.6
	EHD4X48A**	OMV154L20A	45500	38000	16	12.2	1376	1112	48000	34200	3.7	3.92	30000	20600	2.78	2.56
	EHD4X48A**		45500	37500	14.5	11.7	1400	1120	48000	35000	3.62	3.68	30400	21400	2.72	2.44
EHD4X60A**	*8MV*0901716**	46000	38000	16.5	12.7	1300	1040	48000	34400	3.76	3.98	30000	20600	2.82	2.6	
EHD4X60A**	*8MV**1102120**	46000	38000	16.5	12.7	1300	1040	48000	34200	3.8	4	30000	20600	2.84	2.62	
EHD4X60A**	*8MV*1352422**	46000	38000	16.7	13	1300	1040	48000	34200	3.82	4.04	29800	20400	2.88	2.62	
EHD4X60A**	*8MX*0701716**	46000	38000	15.5	11.5	1465	1095	48000	34400	3.62	3.86	31000	20800	2.7	2.54	
EHD4X60A**	*8MX*0902116**	46500	38500	16.2	12.5	1430	1110	48000	34200	3.78	3.98	30200	20600	2.82	2.6	
EHD4X60A**	*8MX*1102120**	46500	38500	16.5	12.7	1395	1140	48000	34400	3.82	4.02	29800	20600	2.86	2.62	
EHD4X60A**	*8MX*1352420**	46500	39000	16.2	12.7	1420	1245	48000	34800	3.8	4.06	30000	21200	2.84	2.62	
EHD4X60A**	*9MA*0602120A**	45500	38000	15.7	12.2	1300	1040	48000	34600	3.66	3.9	30400	20800	2.76	2.56	
EHD4X60A**	*9MA*0802120A**	46000	38000	16.2	12.5	1300	1040	48000	34400	3.76	3.96	30000	20600	2.82	2.6	
EHD4X60A**	*9MA*1002122A**	46000	38000	16.2	12.7	1300	1040	48000	34400	3.78	3.98	30000	20600	2.84	2.6	
EHD4X60A**	*9MA*1202422A**	46000	38000	16.2	12.7	1300	1040	48000	34400	3.76	3.98	30000	20600	2.82	2.6	
EHD4X60A**	*9MV*0801716A**	45000	38000	15.7	12.2	1290	1110	48000	34600	3.64	3.88	30000	21000	2.76	2.54	
EHD4X60A**	*9MV*0802120A**	45500	38500	16.2	12.7	1260	1115	47500	34400	3.7	3.96	29600	20800	2.82	2.58	
EHD4X60A**	*9MV*1002120A**	45000	38500	16.2	12.7	1240	1100	47500	34400	3.68	3.94	29600	20600	2.8	2.58	
EHD4X60A**	*9MV*1202422A**	45500	38000	16.2	12.7	1280	1120	47500	34400	3.72	3.98	29600	20600	2.82	2.6	
EHD4X60A**	*9MX*0801716A**	46000	38000	15.7	12	1390	1070	48000	34400	3.66	3.86	30400	20600	2.74	2.54	
EHD4X60A**	*9MX*0802120A**	46500	39000	16	12.5	1420	1265	48000	35000	3.76	4.04	30200	21200	2.82	2.6	
EHD4X60A**	*9MX*1002120A**	46500	39000	16.2	12.5	1400	1210	48000	34800	3.78	4.02	30000	21000	2.82	2.6	
EHD4X60A**	*9MX*1202422A**	46500	39000	16	12.5	1430	1300	48000	35200	3.78	4.06	30200	21400	2.82	2.62	
EHD4X60A**	MV16**21C*	46500	38500	16.7	12.7	1404	1114	48000	34200	3.82	4.02	29800	20400	2.86	2.62	
EHD4X60A**	MV20**24C*	46500	38500	16.7	12.7	1339	1116	48000	34200	3.78	4.04	29600	20400	2.86	2.62	

Unit Size HCH948GKA		AHRI STANDARD RATINGS														
		Cooling					Heating									
		Capacity		SEER	EER	ID CFM		High Temp		Low Temp		COP	HSPF			
		High	Low			High	Low	High	Low	High	Low					
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	46000	35600	15.7	12.5	1355	721	48000	32200	3.72	3.4	30000	19000	2.8	2.36	8.5
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	46000	38500	15.5	11.7	1449	1169	48000	34800	3.68	3.92	30600	21000	2.74	2.56	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	47000	39500	16.2	12.2	1669	1330	48000	35200	3.84	4.12	30800	21200	2.82	2.64	9.7
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	46500	38500	16.2	12.5	1376	1112	48000	34200	3.76	3.98	30000	20600	2.84	2.6	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	46000	38000	14.5	12	1400	1120	48000	35000	3.76	3.72	31000	21400	2.76	2.46	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37500	16.2	12.5	1300	1040	47500	34000	3.7	3.92	29800	20400	2.8	2.58	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37500	16.2	12.7	1300	1040	47000	34000	3.74	3.94	29800	20400	2.82	2.6	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38000	16	12.2	1420	1105	47500	34000	3.68	3.9	30000	20400	2.78	2.56	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38000	16.2	12.5	1380	1130	47000	34200	3.72	3.94	29800	20400	2.8	2.58	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38500	15.7	12.2	1400	1235	47500	34600	3.7	3.96	29800	21000	2.78	2.58	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	44500	37500	15.5	12	1300	1040	48000	34400	3.58	3.82	30000	20800	2.7	2.52	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37500	16	12.2	1300	1040	48000	34200	3.66	3.88	30000	20600	2.76	2.56	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37500	16	12.5	1300	1040	48000	34200	3.7	3.9	29800	20600	2.78	2.58	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37500	16	12.2	1300	1040	47500	34200	3.68	3.88	30000	20600	2.78	2.56	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	44000	37500	15.7	12.2	1250	1110	47000	34200	3.62	3.86	29600	20600	2.76	2.56	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	44000	37500	15.7	12.2	1235	1095	47000	34000	3.62	3.86	29400	20600	2.76	2.56	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	44500	38000	16	12.5	1270	1120	47000	34200	3.64	3.9	29600	20600	2.76	2.56	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38500	15.5	12.2	1410	1260	48000	34800	3.68	3.94	30000	21200	2.76	2.56	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38000	15.7	12.2	1385	1295	48000	34600	3.68	3.94	30000	21000	2.78	2.58	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38500	15.5	12.2	1415	1290	47500	34800	3.68	3.96	30000	21200	2.78	2.58	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38000	16.2	12.5	1404	1114	48000	34000	3.72	3.94	29800	20400	2.82	2.6	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38000	16.2	12.5	1339	1116	48000	34000	3.7	3.96	29600	20400	2.8	2.6	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	35200	15.5	12.2	1355	1260	48000	32000	3.64	3.38	30000	18900	2.76	2.36	8.5
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	38000	15.2	11.5	1449	1169	48000	34600	3.58	3.84	30600	21000	2.7	2.52	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38000	16	12.2	1376	1112	48000	34000	3.68	3.9	29800	20400	2.78	2.56	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37000	14.2	11.7	1400	1120	48000	34800	3.58	3.66	30400	21400	2.7	2.42	8.8
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37500	16	12.2	1300	1040	47500	34200	3.68	3.9	30000	20600	2.76	2.56	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37500	16.2	12.5	1300	1040	47500	34000	3.7	3.92	29800	20400	2.8	2.58	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37500	15.2	11.3	1455	1095	48000	34200	3.54	3.8	30800	20800	2.66	2.5	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38000	16	12.2	1420	1105	47500	34000	3.68	3.9	30000	20400	2.78	2.56	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38000	16.2	12.5	1380	1130	47000	34200	3.72	3.94	29800	20400	2.8	2.58	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	44500	37500	15.5	12	1300	1040	48000	34400	3.58	3.82	30400	20800	2.7	2.52	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37500	16	12.2	1300	1040	48000	34200	3.66	3.88	30000	20600	2.76	2.56	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37500	16	12.5	1300	1040	48000	34200	3.7	3.9	29800	20600	2.78	2.58	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	44000	37500	15.2	12	1280	1105	47500	34400	3.56	3.8	30000	20800	2.7	2.5	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	44000	37500	15.7	12.2	1250	1110	47000	34200	3.62	3.86	29600	20600	2.76	2.56	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	44000	37500	15.7	12.2	1235	1095	47000	34000	3.62	3.86	29400	20600	2.76	2.56	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37500	15.5	11.7	1380	1065	47500	34200	3.58	3.78	30400	20600	2.7	2.5	9
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38500	15.5	12.2	1410	1260	48000	34800	3.68	3.94	30000	21200	2.76	2.56	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38000	15.7	12.2	1385	1295	48000	34600	3.68	3.94	30000	21000	2.78	2.58	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45500	38000	16.2	12.5	1404	1114	48000	34000	3.72	3.94	29800	20400	2.82	2.6	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	35200	15.5	12.2	1355	1260	48000	32000	3.64	3.38	30000	18900	2.76	2.36	8.5
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	38000	15.2	11.5	1449	1169	48000	34600	3.58	3.84	30600	21000	2.7	2.52	9.2
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	45000	37000	14.2	11.7	1400	1120	48000	34800	3.58	3.66	30400	21400	2.7	2.42	8.8
EN(A,D)WJ4X48*21**	EN(A,D)WJ4X48*21**	46000	38000	16.5	12.7	1300	1040	47500	34200	3.74	4	29800	20600	2.84	2.6	9.5

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating							
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP	
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low
			46000	38000	16.5	12.7	1300	1040	47000	34200	3.78	4.02	29800	20400	2.86	2.62
HCH948GKA	EN(A,D,W)4X60*24**	*8MV**1352422**	46000	38000	16.5	12.7	1300	1040	47000	34200	3.78	4.02	29800	20400	2.86	2.62
	EN(A,D,W)4X60*24**	*8MX*0902116**	46000	38000	16.2	12.5	1430	1115	47500	34200	3.72	3.98	30000	20600	2.82	2.6
	EN(A,D,W)4X60*24**	*8MX**1102120**	46000	38500	16.5	12.7	1395	1145	47500	34200	3.76	4.02	29800	20600	2.84	2.62
	EN(A,D,W)4X60*24**	*8MX**1352420**	46000	39000	16	12.5	1420	1255	47500	34800	3.74	4.04	30000	21000	2.82	2.62
	EN(A,D,W)4X60*24**	*9MA*0602120A**	45500	37500	15.7	12.2	1300	1040	48000	34400	3.62	3.88	30400	20800	2.74	2.56
	EN(A,D,W)4X60*24**	*9MA*0802120A**	45500	37500	16.2	12.5	1300	1040	48000	34200	3.7	3.96	30000	20600	2.8	2.6
	EN(A,D,W)4X60*24**	*9MA*1002122A**	46000	38000	16.2	12.7	1300	1040	48000	34200	3.74	3.98	30000	20600	2.82	2.6
	EN(A,D,W)4X60*24**	*9MA**1202422A**	45500	37500	16.2	12.5	1300	1040	47500	34200	3.72	3.96	30000	20600	2.8	2.6
	EN(A,D,W)4X60*24**	*9MV*0802120A**	45000	38000	16	12.5	1265	1125	47500	34400	3.66	3.96	29600	20600	2.8	2.58
	EN(A,D,W)4X60*24**	*9MV*1002120A**	45000	38000	16.2	12.7	1245	1110	47000	34200	3.66	3.94	29600	20600	2.8	2.58
	EN(A,D,W)4X60*24**	*9MV*1202422A**	45000	38500	16.2	12.7	1285	1130	47500	34400	3.68	3.96	29600	20600	2.82	2.6
	EN(A,D,W)4X60*24**	*9MX*0802120A**	46000	39000	15.7	12.2	1420	1270	48000	35000	3.72	4.02	30000	21200	2.8	2.6
	EN(A,D,W)4X60*24**	*9MX*1002120A**	46000	38500	16	12.5	1400	1215	48000	34600	3.72	4	30000	21000	2.82	2.6
	EN(A,D,W)4X60*24**	*9MX*1202422A**	46000	39000	15.7	12.5	1425	1305	47500	35000	3.72	4.02	30000	21200	2.82	2.6
	EN(A,D,W)4X60*24**	MV16**21C*	46500	38500	16.5	12.7	1404	1114	48000	34200	3.76	4.02	29800	20400	2.86	2.62
	EN(A,D,W)4X60*24**	MV20**24C*	46000	38500	16.7	12.7	1339	1116	48000	34200	3.74	4.02	29600	20400	2.84	2.6
	EN(A,D,W)4X60*24**	NOMV156E19*	46000	35400	15.7	12.2	1355	721	48000	32200	3.68	3.42	30000	18900	2.78	2.38
	EN(A,D,W)4X60*24**	OLV112A16A	46000	38500	15.5	11.7	1449	1169	48000	34800	3.62	3.92	30600	21000	2.72	2.56
	EN(A,D,W)4X60*24**	OMV154L20A	46000	38000	16.2	12.5	1376	1112	48000	34200	3.72	3.96	29800	20600	2.82	2.6
	EN(A,D,W)4X60*24**		45500	37500	14.5	11.7	1400	1120	48000	35000	3.6	3.7	30400	21400	2.72	2.44
	EN(A,D,W)4X60*24**		45000	37500	16	12.2	1300	1040	47500	34200	3.68	3.9	30000	20600	2.76	2.56
	ENH4X48*21**	*8MV*09071716**	45000	37500	16.2	12.5	1300	1040	47500	34000	3.7	3.92	29800	20400	2.8	2.58
	ENH4X48*21**	*8MV**1102120**	45000	37500	16.2	12.5	1300	1040	47000	34000	3.74	3.94	29800	20400	2.82	2.6
	ENH4X48*21**	*8MV*1352422**	45000	37500	16.2	12.7	1300	1040	47000	34000	3.7	3.94	29800	20400	2.82	2.6
	ENH4X48*21**	*8MX*0701716**	45000	37500	15.2	11.3	1455	1095	48000	34200	3.54	3.8	30800	20800	2.66	2.5
	ENH4X48*21**	*8MX*0902116**	45500	38000	16	12.2	1420	1105	47500	34000	3.68	3.9	30000	20400	2.78	2.56
	ENH4X48*21**	*8MX**1102120**	45500	38000	16.2	12.5	1380	1130	47000	34200	3.72	3.94	29800	20400	2.8	2.58
	ENH4X48*21**	*8MX*1352420**	45500	38500	15.7	12.2	1400	1235	47500	34600	3.7	3.96	29800	21000	2.78	2.58
ENH4X48*21**	*9MA*0602120A**	44500	37500	15.5	12	1300	1040	48000	34400	3.58	3.82	30400	20800	2.7	2.52	
ENH4X48*21**	*9MA*0802120A**	45000	37500	16	12.2	1300	1040	48000	34200	3.66	3.88	30000	20600	2.76	2.56	
ENH4X48*21**	*9MA**1002122A**	45000	37500	16	12.5	1300	1040	48000	34200	3.7	3.9	29800	20600	2.78	2.58	
ENH4X48*21**	*9MA*1202422A**	45000	37500	16	12.2	1300	1040	47500	34200	3.68	3.88	30000	20600	2.78	2.56	
ENH4X48*21**	*9MV*0801716A**	44000	37500	15.2	12	1280	1105	47500	34400	3.56	3.8	30000	20800	2.7	2.5	
ENH4X48*21**	*9MV*0802120A**	44000	37500	15.7	12.2	1250	1110	47000	34200	3.62	3.86	29600	20600	2.76	2.56	
ENH4X48*21**	*9MV**1002120A**	44000	37500	15.7	12.2	1235	1095	47000	34000	3.62	3.86	29400	20600	2.76	2.56	
ENH4X48*21**	*9MX*0801716A**	45000	37500	15.5	11.7	1380	1065	47500	34200	3.58	3.78	30400	20600	2.7	2.5	
ENH4X48*21**	*9MX*0802120A**	45500	38500	15.5	12.2	1410	1260	48000	34800	3.68	3.94	30000	21200	2.76	2.56	
ENH4X48*21**	*9MX*1002120A**	45500	38000	15.7	12.2	1385	1205	48000	34600	3.68	3.94	30000	20800	2.78	2.58	
ENH4X48*21**	*9MX**1202422A**	45500	38500	15.5	12.2	1415	1290	47500	34800	3.68	3.96	30000	21200	2.78	2.58	
ENH4X48*21**	MV16**21C*	45500	38000	16.2	12.5	1405	1114	48000	34000	3.72	3.94	29800	20400	2.82	2.6	
ENH4X48*21**	NOMV156E19*	45000	35200	15.5	12.2	1355	721	48000	32000	3.64	3.38	30000	18900	2.76	2.36	
ENH4X48*21**	OLV112A16A	45000	38000	15.2	11.5	1449	1169	48000	34600	3.58	3.84	30600	21000	2.7	2.52	
ENH4X48*21**	OLV154F20A	46000	38500	15.7	11.7	1669	1330	48000	34800	3.72	4.02	30600	21200	2.76	2.6	
ENH4X48*21**		45000	37000	14.2	11.7	1400	1120	48000	34800	3.58	3.66	30400	21400	2.7	2.42	
ENH4X60*24**	*8MV*0901716**	45500	38000	16.2	12.5	1300	1040	47500	34200	3.7	3.98	30000	20600	2.8	2.6	
ENH4X60*24**	*8MV**1102120**	46000	38000	16.5	12.7	1300	1040	47500	34200	3.74	4	29800	20600	2.84	2.6	

Unit Size HCH948GKA		AHRI STANDARD RATINGS														
		Cooling						Heating								
		Capacity		SEER	EER	ID CFM		High Temp		Low Temp		COP				
		High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	
Indoor Model	Furnace Model	46000	38000	16.5	12.7	1300	1040	47000	34200	3.78	4.02	29800	20400	2.86	2.62	9.5
ENH4X60*24**	*8MV*1352422**	45500	38000	15.5	11.5	1465	1105	48000	34400	3.56	3.86	30800	20800	2.68	2.54	9.2
ENH4X60*24**	*8MX*0701716**	46000	38000	16.2	12.5	1430	1115	47500	34200	3.72	3.98	30000	20600	2.82	2.6	9.2
ENH4X60*24**	*8MX*0902116**	46000	38500	16.5	12.7	1395	1145	47500	34200	3.76	4.02	29800	20600	2.84	2.62	9.5
ENH4X60*24**	*8MX*1102120**	46000	39000	16	12.5	1420	1255	47500	34800	3.74	4.04	30000	21000	2.82	2.62	9.5
ENH4X60*24**	*8MX*1352420**	45500	37500	15.7	12.2	1300	1040	48000	34400	3.62	3.88	30400	20800	2.74	2.56	9
ENH4X60*24**	*9MA*0602120A**	45500	37500	16.2	12.5	1300	1040	48000	34200	3.7	3.96	30000	20600	2.8	2.58	9
ENH4X60*24**	*9MA*0802120A**	46000	38000	16.2	12.7	1300	1040	48000	34200	3.74	3.98	30000	20600	2.82	2.6	9
ENH4X60*24**	*9MA*1002122A**	45500	37500	16.2	12.5	1300	1040	47500	34200	3.72	3.96	30000	20600	2.8	2.6	9.2
ENH4X60*24**	*9MA*1202422A**	45000	38000	16	12.5	1265	1125	47500	34400	3.66	3.96	29600	20600	2.8	2.58	9
ENH4X60*24**	*9MV*0802120A**	45000	38000	16.2	12.7	1245	1110	47000	34200	3.66	3.94	29600	20600	2.8	2.58	9
ENH4X60*24**	*9MV*1002120A**	45000	38500	16.2	12.7	1285	1130	47500	34400	3.68	3.96	29600	20600	2.82	2.6	9
ENH4X60*24**	*9MV*1202422A**	45500	38000	15.7	12	1390	1075	47500	34200	3.6	3.86	30400	20600	2.72	2.54	9.2
ENH4X60*24**	*9MX*0801716A**	46000	39000	15.7	12.2	1420	1270	48000	35000	3.72	4.02	30000	21200	2.8	2.6	9.5
ENH4X60*24**	*9MX*0802120A**	46000	38500	16	12.5	1400	1215	48000	34600	3.72	4	30000	21000	2.82	2.6	9.5
ENH4X60*24**	*9MX*1002120A**	46000	39000	15.7	12.5	1425	1305	47500	35000	3.72	4.02	30000	21200	2.82	2.6	9.5
ENH4X60*24**	*9MX*1202422A**	46500	38500	16.5	12.7	1404	1114	48000	34200	3.76	4.02	29800	20400	2.86	2.62	9.5
ENH4X60*24**	MV16**21C*	46000	38500	16.7	12.7	1339	1116	48000	34200	3.74	4.02	29600	20400	2.84	2.64	9.5
ENH4X60*24**	MV20**24C*	46000	35400	15.7	12.2	1355	721	48000	32200	3.68	3.42	30000	18900	2.78	2.38	8.5
ENH4X60*24**	NOMV156E19*	46000	38500	15.5	11.7	1449	1169	48000	34800	3.62	3.92	30600	21000	2.72	2.56	9.2
ENH4X60*24**	OLV112A16A	47000	39000	16	12.2	1669	1330	48000	35000	3.76	4.08	30600	21200	2.8	2.64	9.5
ENH4X60*24**	OLV154F20A	46000	38000	16.2	12.5	1376	1112	48000	34200	3.72	3.96	29800	20600	2.82	2.6	9.2
ENH4X60*24**	OMV154L20A	45500	37500	14.5	11.7	1400	1120	48000	35000	3.6	3.7	30400	21400	2.72	2.44	8.8

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS Indoor Models

AHRI STANDARD RATINGS

Unit Size	Indoor Model <small>*Tested Model</small>	Furnace Model	Cooling						Heating								
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP		
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	
			Capacity		SEER	EER	High	Low	High	Low	High	Low	High	Low	High	Low	HSPF
HCH960GKA	*FCM4X60***		56000	45500	16	12.5	1750	1400	58500	39500	3.8	3.92	36000	24000	2.82	2.52	9.5
	FVM4X60****		56000	46000	16	12.2	1750	1400	58000	39500	3.8	3.92	36000	23800	2.82	2.52	9.2
	EA*4X60*21A*	*8MV*1102120**	54500	44500	15.2	11.7	1625	1300	58500	39500	3.62	3.78	36600	24200	2.7	2.46	9
	EA*4X60*21A*	*8MX*1102120**	55000	45000	15.2	12	1670	1400	58000	39500	3.66	3.8	36200	24000	2.74	2.46	9
	EA*4X60*21A*	*9MA*0602120A**	54000	44500	14.5	11.2	1625	1300	59500	40000	3.46	3.64	37600	24800	2.58	2.38	8.8
	EA*4X60*21A*	*9MA*0802120A**	54500	44500	15	11.7	1625	1300	58500	39500	3.56	3.74	37000	24400	2.66	2.42	9
	EA*4X60*21A*	*9MA*1002122A**	54500	44500	15.2	11.7	1625	1300	58500	39500	3.62	3.78	36600	24200	2.7	2.44	9
	EA*4X60*21A*	*9MV*0802120A**	54000	44500	15.2	11.7	1580	1275	57500	39000	3.58	3.7	36200	23800	2.7	2.42	9
	EA*4X60*21A*	*9MV*1002120A**	54000	44500	15.2	11.7	1555	1260	57500	39000	3.6	3.7	36000	23800	2.72	2.42	8.8
	EA*4X60*21A*	*9MX*1002120A**	54500	45000	15	11.5	1720	1405	58500	39500	3.6	3.76	36600	24200	2.7	2.44	9
	EA*4X60*21A*	MV16**21C*	55000	45000	15.2	11.7	1782	1379	58500	39500	3.66	3.8	36600	24000	2.72	2.46	9
	EA*4X60*21A*	NOMV156E19*	54500	41500	15	11.2	1742	900	59000	37200	3.54	3.38	37000	22000	2.64	2.3	8.5
	EA*4X60*21A*		55000	44500	14	11.5	1750	1400	58500	40000	3.62	3.62	36600	24800	2.7	2.36	8.8
	EA*4X60*24A*	*8MV*1102120**	54500	44500	15.5	11.7	1625	1300	58500	39500	3.62	3.8	36600	24200	2.7	2.46	9
	EA*4X60*24A*	*8MV*1352422**	54500	45000	15.7	12	1625	1300	58000	39500	3.68	3.84	36400	24000	2.74	2.48	9.2
	EA*4X60*24A*	*8MX*1102120**	55000	45500	15.2	12	1685	1410	58000	39500	3.66	3.82	36200	24000	2.74	2.46	9
	EA*4X60*24A*	*8MX*1352420**	54500	45500	15	11.7	1650	1430	58000	39500	3.62	3.78	36200	24400	2.72	2.44	9
	EA*4X60*24A*	*9MA*0602120A**	54000	44500	14.5	11.2	1625	1300	59000	40000	3.46	3.64	37600	24600	2.58	2.38	8.8
	EA*4X60*24A*	*9MA*0802120A**	54500	44500	15.2	11.7	1625	1300	58500	39500	3.58	3.74	36800	24200	2.68	2.44	9
	EA*4X60*24A*	*9MA*1002122A**	54500	44500	15.2	11.7	1625	1300	58500	39500	3.62	3.78	36600	24200	2.7	2.44	9
EA*4X60*24A*	*9MA*1202422A**	54500	44500	15.2	11.7	1625	1300	58500	39500	3.6	3.76	36800	24200	2.68	2.44	9	
EA*4X60*24A*	*9MV*0802120A**	54500	44500	15.2	11.7	1590	1280	57500	39000	3.6	3.72	36200	23800	2.7	2.44	9	
EA*4X60*24A*	*9MV*1002120A**	54500	44500	15.2	12	1565	1265	57500	39000	3.6	3.72	36000	23800	2.72	2.44	9	
EA*4X60*24A*	*9MV*1202422A**	54500	44500	15.2	11.7	1610	1305	57500	39000	3.6	3.74	36200	23800	2.72	2.44	9	
EA*4X60*24A*	*9MX*0802120A**	54500	45000	14.7	11.7	1635	1425	58000	39500	3.6	3.74	36400	24400	2.7	2.42	9	
EA*4X60*24A*	*9MX*1002120A**	55000	45000	15	11.7	1735	1415	58500	39500	3.62	3.76	36600	24200	2.7	2.44	9	
EA*4X60*24A*	*9MX*1202422A**	54500	44500	15.2	12	1640	1310	58000	39000	3.6	3.74	36200	23800	2.7	2.44	9	
EA*4X60*24A*	MV16**21C*	55000	45000	15.5	12	1782	1379	58500	39500	3.68	3.82	36400	24000	2.74	2.48	9.2	
EA*4X60*24A*	MV20**24C*	55000	45000	15.5	12	1705	1392	58000	39500	3.66	3.82	36400	24000	2.74	2.48	9.2	
EA*4X60*24A*	NOMV156E19*	54500	41500	15	11.3	1742	900	58500	37200	3.54	3.38	37000	22000	2.64	2.3	8.5	
EA*4X60*24A*	OLV154F20A	55000	45000	15.2	11.7	1669	1330	58000	39000	3.64	3.78	36200	23800	2.74	2.46	9	
EA*4X60*24A*	OMV154L20A	54500	45000	15	11.5	1752	1407	58500	39500	3.58	3.78	36800	24200	2.68	2.44	9	
EA*4X60*24A*		55000	44500	14	11.5	1750	1400	58500	40000	3.62	3.62	36600	24800	2.7	2.36	8.8	
EHD4X60A**	*8MV*1102120**	55000	45000	15.5	12	1625	1300	58500	39500	3.68	3.82	36600	24200	2.74	2.48	9	
EHD4X60A**	*8MV*1352422**	55000	45000	15.7	12.2	1625	1300	58000	39500	3.74	3.86	36400	24000	2.76	2.5	9.2	
EHD4X60A**	*8MX*1102120**	55500	45500	15.5	12	1710	1430	58000	39500	3.72	3.86	36200	24200	2.76	2.48	9.2	
EHD4X60A**	*8MX*1352420**	55000	45500	15.2	12	1675	1450	58000	39500	3.68	3.84	36200	24400	2.74	2.46	9	
EHD4X60A**	*9MA*0602120A**	54000	44500	14.7	11.3	1625	1300	59500	40000	3.52	3.68	37400	24600	2.6	2.38	8.8	
EHD4X60A**	*9MA*0802120A**	54500	45000	15.2	11.7	1625	1300	58500	39500	3.64	3.78	36800	24200	2.7	2.44	9	
EHD4X60A**	*9MA*1002122A**	55000	45000	15.5	12	1625	1300	58500	39500	3.68	3.82	36600	24200	2.72	2.46	9	



Unit Size HCH960GKA		AHRI STANDARD RATINGS															
		Cooling					Heating										
		Capacity		SEER	EER	ID CFM		High Temp		Low Temp							
		High	Low			High	Low	High	Low	High	Low						
Indoor Model	Furnace Model	High	Low	SEER	EER	High	Low	High	Low	High	Low	High	Low	High	Low	HSPF	
EHD4X60A**	*9MA*1202422A**	54500	45000	15.2	12	1625	1300	3.66	3.8	36800	24200	2.72	2.46	36800	24200	2.72	2.46
EHD4X60A**	*9MV*0802120A**	54500	45000	15.2	12	1610	1290	3.64	3.74	36200	23800	2.72	2.44	36200	23800	2.72	2.44
EHD4X60A**	*9MV*1002120A**	54500	45000	15.2	12	1580	1275	3.66	3.74	36000	23800	2.74	2.44	36000	23800	2.74	2.44
EHD4X60A**	*9MV*1202422A**	55000	45000	15.2	12	1635	1315	3.66	3.78	36200	24000	2.74	2.46	36200	24000	2.74	2.46
EHD4X60A**	*9MX*0802120A**	55000	45500	15	12	1650	1440	3.64	3.78	36400	24400	2.72	2.44	36400	24400	2.72	2.44
EHD4X60A**	*9MX*1002120A**	55000	45500	15.2	11.7	1755	1430	3.66	3.8	36600	24400	2.72	2.46	36600	24400	2.72	2.46
EHD4X60A**	*9MX*1202422A**	55000	45000	15.2	12	1665	1325	3.66	3.78	36400	24000	2.74	2.46	36400	24000	2.74	2.46
EHD4X60A**	MV16**21C*	55500	45500	15.5	12	1782	1379	3.74	3.84	36400	24000	2.76	2.48	36400	24000	2.76	2.48
EHD4X60A**	MV20**24C*	55000	45500	15.7	12	1705	1392	3.7	3.86	36200	24000	2.76	2.5	36200	24000	2.76	2.5
EHD4X60A**	NOMV156E19*	54500	41500	15.2	11.3	1742	900	3.6	3.38	37000	22000	2.66	2.32	37000	22000	2.66	2.32
EHD4X60A**	OLV154F20A	55000	45000	15.5	12	1669	1330	3.7	3.8	36200	23800	2.76	2.46	36200	23800	2.76	2.46
EHD4X60A**	OMV154L20A	55000	45500	15.2	11.5	1752	1407	3.64	3.8	36800	24200	2.7	2.46	36800	24200	2.7	2.46
EHD4X60A**		55000	45000	14.2	11.7	1750	1400	3.66	3.64	36800	25000	2.7	2.36	36800	25000	2.7	2.36
EN(A,D,W)4X60*24**	*8MV*1102120**	54500	45000	15.5	12	1625	1300	3.62	3.8	36600	24000	2.7	2.46	36600	24000	2.7	2.46
EN(A,D,W)4X60*24**	*8MV*1352422**	54500	45000	15.7	12.2	1625	1300	3.66	3.84	36200	24000	2.74	2.48	36200	24000	2.74	2.48
EN(A,D,W)4X60*24**	*8MX*1102120**	55000	45500	15.2	12	1700	1425	3.66	3.82	36200	24200	2.74	2.46	36200	24200	2.74	2.46
EN(A,D,W)4X60*24**	*8MX*1352420**	54500	45500	15.2	12	1670	1450	3.62	3.8	36200	24400	2.72	2.46	36200	24400	2.72	2.46
EN(A,D,W)4X60*24**	*9MA*0602120A**	54000	44500	14.7	11.2	1625	1300	3.46	3.66	37400	24600	2.58	2.38	37400	24600	2.58	2.38
EN(A,D,W)4X60*24**	*9MA*0802120A**	54000	44500	15.2	11.7	1625	1300	3.58	3.76	36800	24200	2.68	2.44	36800	24200	2.68	2.44
EN(A,D,W)4X60*24**	*9MA*1002122A**	54500	44500	15.2	11.7	1625	1300	3.62	3.78	36600	24200	2.7	2.46	36600	24200	2.7	2.46
EN(A,D,W)4X60*24**	*9MA*1202422A**	54500	44500	15.2	12	1625	1300	3.6	3.76	36600	24200	2.68	2.44	36600	24200	2.68	2.44
EN(A,D,W)4X60*24**	*9MV*0802120A**	54500	44500	15.2	12	1605	1290	3.58	3.72	36000	23800	2.7	2.44	36000	23800	2.7	2.44
EN(A,D,W)4X60*24**	*9MV*1002120A**	54000	44500	15.2	12	1575	1280	3.6	3.72	35800	23800	2.72	2.44	35800	23800	2.72	2.44
EN(A,D,W)4X60*24**	*9MV*1202422A**	54500	45000	15.2	12	1625	1320	3.6	3.74	36000	23800	2.72	2.44	36000	23800	2.72	2.44
EN(A,D,W)4X60*24**	*9MX*0802120A**	54500	45000	15	11.7	1645	1440	3.58	3.74	36200	24400	2.7	2.44	36200	24400	2.7	2.44
EN(A,D,W)4X60*24**	*9MX*1002120A**	54500	45000	15	11.7	1750	1430	3.6	3.78	36600	24400	2.7	2.44	36600	24400	2.7	2.44
EN(A,D,W)4X60*24**	*9MX*1202422A**	54500	45000	15.2	12	1655	1325	3.6	3.74	36200	23800	2.7	2.44	36200	23800	2.7	2.44
EN(A,D,W)4X60*24**	MV16**21C*	55000	45000	15.5	12	1782	1379	3.66	3.82	36400	24000	2.74	2.48	36400	24000	2.74	2.48
EN(A,D,W)4X60*24**	MV20**24C*	55000	45500	15.5	12	1705	1392	3.64	3.82	36200	24000	2.74	2.48	36200	24000	2.74	2.48
EN(A,D,W)4X60*24**	NOMV156E19*	54500	41500	15.2	11.3	1742	900	3.54	3.4	37000	22000	2.64	2.32	37000	22000	2.64	2.32
EN(A,D,W)4X60*24**	OLV154F20A	54500	45000	15.5	12	1669	1330	3.64	3.78	36200	23800	2.74	2.46	36200	23800	2.74	2.46
EN(A,D,W)4X60*24**	OMV154L20A	54500	45000	15	11.5	1752	1407	3.58	3.78	36800	24200	2.68	2.44	36800	24200	2.68	2.44
EN(A,D,W)4X60*24**		54500	44500	14	11.5	1750	1400	3.6	3.6	36600	24800	2.68	2.36	36600	24800	2.68	2.36
ENH4X60*24**	*8MV*1102120**	54500	45000	15.5	12	1625	1300	3.62	3.8	36600	24000	2.7	2.46	36600	24000	2.7	2.46
ENH4X60*24**	*8MV*1352422**	54500	45000	15.7	12.2	1625	1300	3.66	3.84	36200	24000	2.74	2.48	36200	24000	2.74	2.48
ENH4X60*24**	*8MX*1102120**	55000	45500	15.2	12	1700	1425	3.66	3.82	36200	24200	2.74	2.46	36200	24200	2.74	2.46
ENH4X60*24**	*8MX*1352420**	54500	44500	15.5	12	1670	1450	3.62	3.74	36200	23600	2.72	2.46	36200	23600	2.72	2.46
ENH4X60*24**	*9MA*0602120A**	54000	44500	14.7	11.2	1625	1300	3.46	3.66	37400	24600	2.58	2.38	37400	24600	2.58	2.38
ENH4X60*24**	*9MA*0802120A**	54000	44500	15.2	11.7	1625	1300	3.58	3.76	36800	24200	2.68	2.44	36800	24200	2.68	2.44
ENH4X60*24**	*9MA*1002122A**	54500	44500	15.2	11.7	1625	1300	3.62	3.78	36600	24200	2.7	2.46	36600	24200	2.7	2.46
ENH4X60*24**	*9MA*1202422A**	54500	44500	15.2	12	1625	1300	3.6	3.76	36600	24200	2.68	2.44	36600	24200	2.68	2.44
ENH4X60*24**	*9MV*0802120A**	54500	44500	15.2	12	1605	1290	3.58	3.72	36000	23800	2.7	2.44	36000	23800	2.7	2.44

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating								
			Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP		
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	
			54000	44500	15.2	12	1575	1280	57500	39000	3.6	3.72	35800	23800	2.72	2.44	
HCH960GKA	ENH4X60*24**	*9MV**1002120A**	54000	44500	15.2	12	1575	1280	57500	39000	3.6	3.72	35800	23800	2.72	2.44	9
	ENH4X60*24**	*9MV**1202422A**	54500	45000	15.2	12	1625	1320	57500	39000	3.6	3.74	36000	23800	2.72	2.44	9
	ENH4X60*24**	*9MX*0802120A**	54500	45000	15	11.7	1645	1440	58000	39500	3.58	3.74	36200	24400	2.7	2.44	9
	ENH4X60*24**	*9MX**1002120A**	54500	45000	15	11.7	1750	1430	58500	39500	3.6	3.78	36600	24400	2.7	2.44	9
	ENH4X60*24**	*9MX**1202422A**	54500	45000	15.2	12	1655	1325	58000	39000	3.6	3.74	36200	23800	2.7	2.44	9
	ENH4X60*24**	MV16**21C*	55000	45000	15.5	12	1782	1379	58000	39000	3.66	3.82	36400	24000	2.74	2.48	9.2
	ENH4X60*24**	MV20**24C*	55000	45500	15.5	12	1705	1392	58000	39000	3.64	3.82	36200	24000	2.74	2.48	9.2
	ENH4X60*24**	NOMV156E19*	54500	41500	15.2	11.3	1742	900	58500	37200	3.54	3.4	37000	22000	2.64	2.32	8.5
	ENH4X60*24**	OLV154F20A	54500	45000	15.5	12	1669	1330	57500	39000	3.64	3.78	36200	23800	2.74	2.46	9
	ENH4X60*24**	OMV154L20A	54500	45000	15	11.5	1752	1407	58500	39500	3.58	3.78	36800	24200	2.68	2.44	9
	ENH4X60*24**		54500	44500	14	11.5	1750	1400	58500	40000	3.6	3.6	36600	24800	2.68	2.36	8.8

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

**ACCESSORY USAGE GUIDELINES**

Accessory	REQUIRED FOR LONG LINE APPLICATIONS* (Over 80 ft. / 24.38 m)	REQUIRED FOR SEA COAST APPLICATIONS (within 2 miles/3.22 km)
Accumulator	Yes, Standard	Standard
Compressor Start Assist Capacitor and Relay	Yes	No
Crankcase Heater	Yes, Standard	No
Liquid Line Solenoid Valve	See Long Line Applications Guideline	No
Support Feet	No	Recommended

\* For tubing line sets between 80 and 200 ft. (24.38 and 60.96 m) and/or 20 ft. (6.09 m) vertical differential, refer to Long Line Applications Guideline.

**ACCESSORIES**

Part Number	Description	Used On Model Size
NASA001LS	Liquid Line Solenoid Valve, HP, R-22 or R-410A	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL
NASA001SF	Support Feet, 4" (102mm) tall	ALL
NASA00106SS	Snow Stand Kit	ALL
NASA012SC	Hard Start Kit (Capacitor & Relay)	24, 36
NASA013SC	Hard Start Kit (Capacitor & Relay)	48, 60

**WALL CONTROL**

TSTAT0101SC	Observer™ Self Configuring Communicating Wall Control	ALL
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