

HIGH EFFICIENCY 16 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 PSC 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



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.

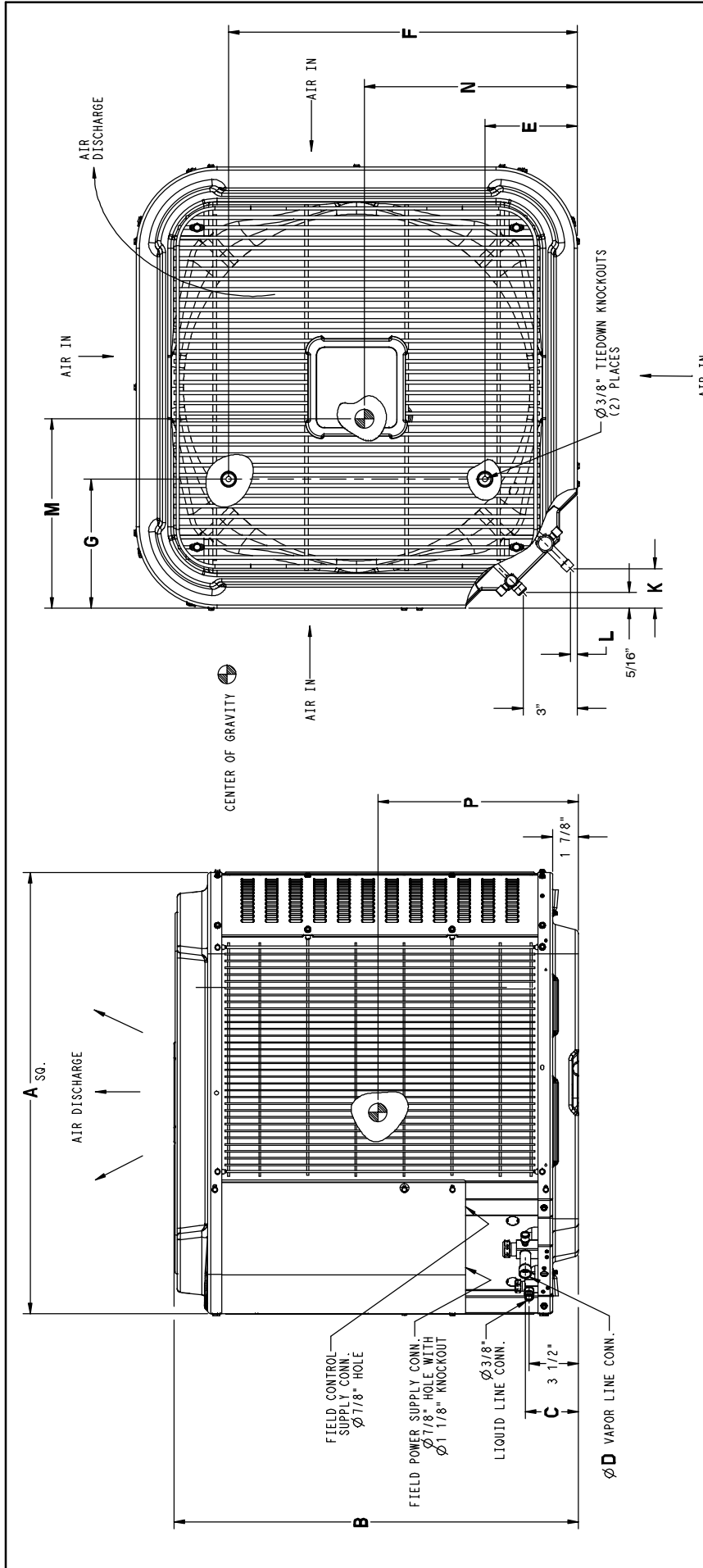


Use of the AHRI Certified™ Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

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)
HCH624GKA	2	24,000	16.2	25	40-1/8 x 35 x 35 (1019 x 889 x 889)	292 / 249 (132 / 113)
HCH636GKA	3	36,000	23.7	40	40-1/8 x 35 x 35 (1019 x 889 x 889)	313 / 270 (142 / 123)
HCH648GKA	4	48,000	29.8	50	40-1/8 x 35 x 35 (1019 x 889 x 889)	345 / 302 (157 / 137)
HCH660GKA	5	60,000	37.5	60	46-7/8 x 35 x 35 (1191 x 889 x 889)	369 / 323 (167 / 147)

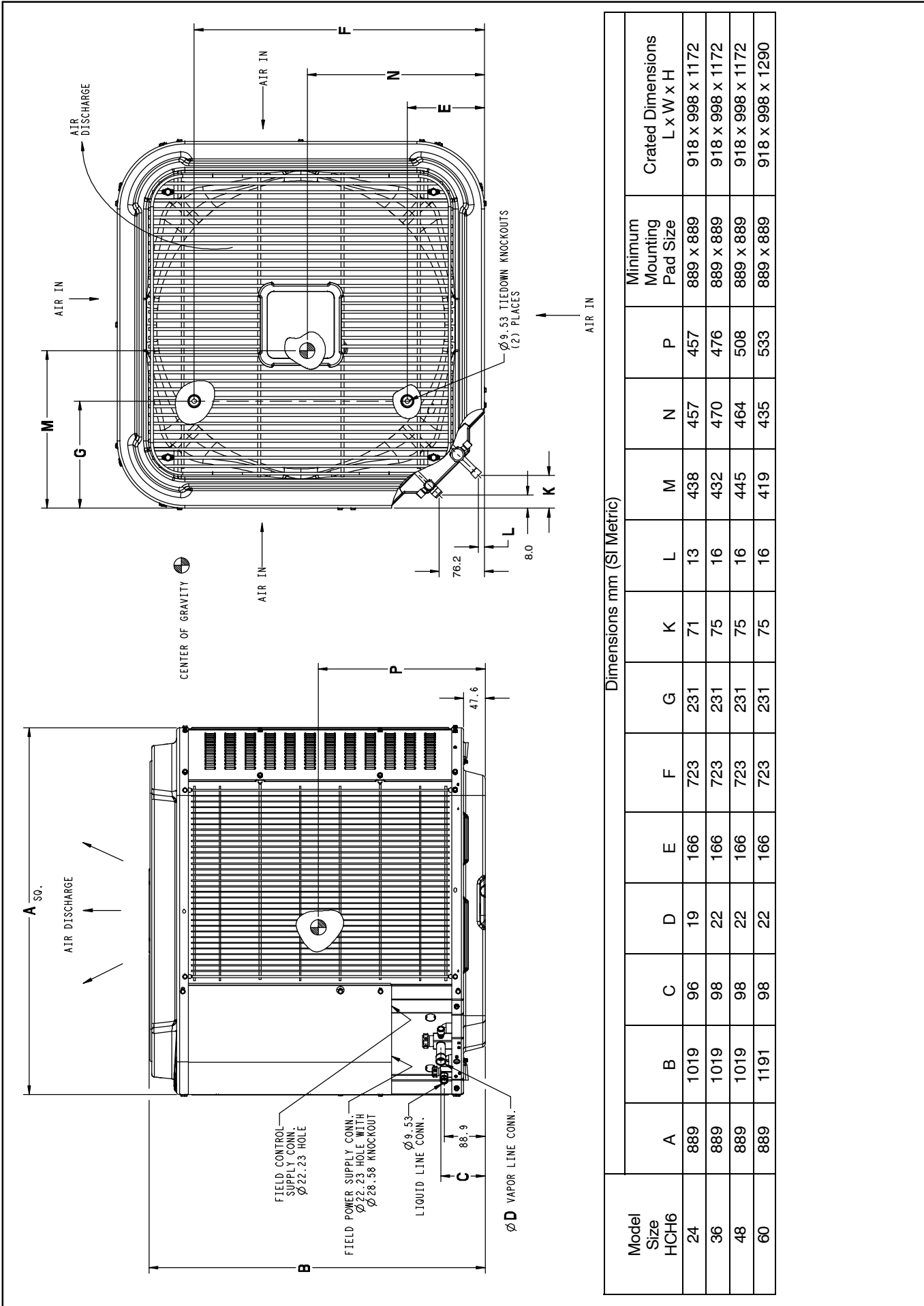
OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (single phase)											
Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	H	C	H	6	24	G	K	A	1	0	0
H = Heil Mainline		BRANDING									
C = Communicating		KEY CHARACTERISTIC									
A = Air Conditioner											
H = Heat Pump		TYPE					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

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



Dimensions Inches (English)

Model Size HCH6	A	B	C	D	E	F	G	K	L	M	N	P	Minimum Mounting Pad Size	Crated Dimensions L x W x H
24	35	40-1/8	3-3/4	3/4	6-9/16	28-7/16	9-1/8	2-13/16	1/2	17-1/4	18	18	35 x 35	36-1/8 x 39-1/4 x 46-1/8
36	35	40-1/8	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17	18-1/2	18-3/4	35 x 35	36-1/8 x 39-1/4 x 46-1/8
48	35	40-1/8	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17-1/2	18-1/4	20	35 x 35	36-1/8 x 39-1/4 x 46-1/8
60	35	46-7/8	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	16-1/2	17-1/8	21	35 x 35	36-1/8 x 39-1/4 x 50-13/16



Dimensions mm (SI Metric)

Model Size HCH6	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	438	457	457	889 x 889	918 x 998 x 1172
36	889	1019	98	22	166	723	231	75	16	432	470	476	889 x 889	918 x 998 x 1172
48	889	1019	98	22	166	723	231	75	16	445	464	508	889 x 889	918 x 998 x 1172
60	889	1191	98	22	166	723	231	75	16	419	435	533	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‡	17.0	17.0	16.0	16.0
Sound Rating**, High Stage (dBA)	72	73	72	72
Low Stage (dBA)	68	70	71	72
PSC Fan Motor HP	1/12	1/12	1/4	1/4
Fan RPM	800	800	825	825
Fan CFM	3200	3200	4350	5000
Coil Face Area (ft ²)	25.15	25.15	25.15	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
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
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)	13.07 (5.93)	13.70 (6.21)	13.73(6.23)	14.78 (6.70)
Required Subcooling °F (°C)	10 (5.6)	13 (7.2)	12 (6.7)	11 (6.1)
Outdoor Unit Factory Piston Size (used in Outdoor Unit for heating mode)	46	55	61	67

ELECTRICAL DATA (208–230–1–60, voltage range 197V – 253V)				
Model Size	24	36	48	60
Minimum Circuit Ampacity – MCA (amps)	16.2	23.7	29.8	37.5
Maximum OverCurrent Protective device – MOCP (amps)	25	40	50	60
Compressor RLA (Rated Load Amps)	12.5	18.5	22.8	28.8
LRA (Locked Rotor Amps)	58.3	83.0	104.0	152.9
Fan Motor FLA (Full Load Amps)	0.6	0.6	1.3	1.5

‡ 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	Furnace Model	Cooling										Heating											
			Capacity		SEER	EER	ID CFM		High Temp		Low Temp		Capacity		High Temp		Low Temp		COP		HSPF			
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low				
			24000	21000	17	13	700	560	25000	17900	3.9	3.84	15300	10100	2.74	2.32	25000	17900	3.9	3.84	15300	10100	2.74	2.32
HCH624GKA	*FVM4X24***		24000	21000	17	13	700	560	25000	17900	3.9	3.84	15300	10100	2.74	2.32	25000	17900	3.9	3.84	15300	10100	2.74	2.32
	FCM4X24***		24000	21000	17	13.2	700	560	25000	17900	3.9	3.84	15200	10100	2.76	2.32	25000	17900	3.9	3.84	15200	10100	2.76	2.32
	FCM4X36***		24000	21000	17	13.2	700	560	25000	17800	3.9	3.86	15200	10000	2.78	2.34	25000	17800	3.9	3.86	15200	10000	2.78	2.34
	FVM4X36***		24000	21000	17	13.2	700	560	25000	17800	3.9	3.86	15200	10000	2.78	2.34	25000	17800	3.9	3.86	15200	10000	2.78	2.34
	EA*4X24*14A*	*8MV*0701412**	23600	21000	16.7	13	700	560	25000	17800	3.84	3.82	15300	10000	2.74	2.32	25000	17800	3.84	3.82	15300	10000	2.74	2.32
	EA*4X24*14A*	*8MX*0451408**	23600	21000	16.2	12.7	710	580	25000	17900	3.8	3.8	15400	10200	2.7	2.3	25000	17900	3.8	3.8	15400	10200	2.7	2.3
	EA*4X24*14A*	*9MV*0401410A**	23200	20600	15.5	12	690	555	25000	18000	3.66	3.68	15600	10300	2.6	2.24	25000	18000	3.66	3.68	15600	10300	2.6	2.24
	EA*4X24*14A*	*9MX*0401410A**	23600	20400	15.7	11.7	775	525	25000	17800	3.7	3.62	15900	10100	2.6	2.22	25000	17800	3.7	3.62	15900	10100	2.6	2.22
	EA*4X24*14A*	MV08**14C*	23600	21000	16.7	12.7	669	561	25000	17800	3.8	3.8	15200	10100	2.72	2.32	25000	17800	3.8	3.8	15200	10100	2.72	2.32
	EA*4X24*14A*		23200	20400	14.2	11.5	700	560	25000	17900	3.58	3.5	15800	10600	2.56	2.16	25000	17900	3.58	3.5	15800	10600	2.56	2.16
	EA*4X24*17A*	*8MV*0901716**	23800	21000	16.7	13	700	560	25000	17800	3.86	3.82	15200	10000	2.74	2.32	25000	17800	3.86	3.82	15200	10000	2.74	2.32
	EA*4X24*17A*	*9MA*0601714A**	23600	20800	16.2	12.7	700	560	25000	17900	3.8	3.76	15400	10100	2.7	2.3	25000	17900	3.8	3.76	15400	10100	2.7	2.3
	EA*4X24*17A*	*9MA*0801714A**	23600	20800	16.5	12.7	700	560	25000	17800	3.82	3.78	15300	10100	2.72	2.3	25000	17800	3.82	3.78	15300	10100	2.72	2.3
	EA*4X24*17A*	*9MV*0401410A**	23400	20800	15.7	12	700	560	25000	18000	3.68	3.68	15600	10300	2.62	2.24	25000	18000	3.68	3.68	15600	10300	2.62	2.24
	EA*4X24*17A*	*9MV*0601714A**	23400	21200	16.2	12.7	675	600	25000	18100	3.76	3.84	15300	10300	2.68	2.32	25000	18100	3.76	3.84	15300	10300	2.68	2.32
	EA*4X24*17A*	*9MV*0801716A**	23600	21200	16.5	12.7	690	620	25000	18100	3.8	3.9	15300	10300	2.72	2.34	25000	18100	3.8	3.9	15300	10300	2.72	2.34
	EA*4X24*17A*	*9MX*0401410A**	23800	20600	15.7	11.7	785	530	25000	17800	3.72	3.64	15900	10100	2.62	2.24	25000	17800	3.72	3.64	15900	10100	2.62	2.24
	EA*4X24*17A*	*9MX*0601714A**	24400	21800	16.5	12.5	905	705	25000	17900	3.94	4.02	15900	10500	2.74	2.38	25000	17900	3.94	4.02	15900	10500	2.74	2.38
	EA*4X24*17A*	MV08**14C*	23600	21000	16.7	13	669	562	25000	17800	3.8	3.82	15200	10100	2.72	2.32	25000	17800	3.8	3.82	15200	10100	2.72	2.32
	EA*4X24*17A*	MV12**17C*	23600	21200	16.7	13	694	584	25000	17900	3.84	3.86	15200	10100	2.74	2.34	25000	17900	3.84	3.86	15200	10100	2.74	2.34
	EA*4X24*17A*	NOMV106D12*	24200	20200	16.2	12.7	801	486	25000	17400	3.92	3.6	15600	9800	2.76	2.24	25000	17400	3.92	3.6	15600	9800	2.76	2.24
	EA*4X24*17A*	OLV098A12A	23800	20000	15.7	12.7	719	460	25000	17300	3.84	3.5	15400	9700	2.72	2.18	25000	17300	3.84	3.5	15400	9700	2.72	2.18
	EA*4X24*17A*	OMV098J12A	23800	20800	16.5	12.7	724	548	25000	17800	3.82	3.76	15400	10000	2.7	2.3	25000	17800	3.82	3.76	15400	10000	2.7	2.3
	EA*4X24*17A*	OMV112K14A	23600	21000	16.7	12.7	689	580	25000	17900	3.82	3.84	15200	10100	2.72	2.32	25000	17900	3.82	3.84	15200	10100	2.72	2.32
	EA*4X24*17A*		23200	20400	14.2	11.5	700	560	25000	17900	3.58	3.5	15800	10600	2.56	2.16	25000	17900	3.58	3.5	15800	10600	2.56	2.16
	EA*4X30*14A*	*8MV*0701412**	23800	20800	16.7	13	700	560	25000	17900	3.86	3.84	15300	10100	2.76	2.32	25000	17900	3.86	3.84	15300	10100	2.76	2.32
	EA*4X30*14A*	*8MX*0451408**	23800	21000	16.2	12.7	720	585	25000	17900	3.84	3.86	15400	10200	2.72	2.32	25000	17900	3.84	3.86	15400	10200	2.72	2.32
	EA*4X30*14A*	*9MV*0401410A**	23400	20600	15.5	12	695	560	25000	18100	3.68	3.72	15600	10300	2.62	2.26	25000	18100	3.68	3.72	15600	10300	2.62	2.26
	EA*4X30*14A*	*9MX*0401410A**	23800	20400	15.7	11.7	780	530	25000	17800	3.74	3.68	16000	10100	2.64	2.24	25000	17800	3.74	3.68	16000	10100	2.64	2.24
	EA*4X30*14A*	MV08**14C*	23600	20800	16.5	13	669	562	25000	17900	3.82	3.84	15200	10100	2.74	2.32	25000	17900	3.82	3.84	15200	10100	2.74	2.32
	EA*4X30*14A*		23200	20400	14.2	11.5	700	560	25000	17900	3.6	3.52	15900	10600	2.56	2.16	25000	17900	3.6	3.52	15900	10600	2.56	2.16
	EA*4X30*17A*	*8MV*0901716**	23800	21000	16.7	13.2	700	560	25000	17800	3.88	3.86	15200	10000	2.78	2.34	25000	17800	3.88	3.86	15200	10000	2.78	2.34
	EA*4X30*17A*	*9MA*0601714A**	23600	20800	16.2	12.7	700	560	25000	17900	3.82	3.8	15400	10100	2.72	2.3	25000	17900	3.82	3.8	15400	10100	2.72	2.3
	EA*4X30*17A*	*9MA*0801714A**	23800	20800	16.5	12.7	700	560	25000	17900	3.84	3.82	15300	10100	2.74	2.32	25000	17900	3.84	3.82	15300	10100	2.74	2.32
	EA*4X30*17A*	*9MV*0401410A**	23600	20800	15.7	12	710	570	25000	18100	3.72	3.74	15700	10300	2.64	2.28	25000	18100	3.72	3.74	15700	10300	2.64	2.28
	EA*4X30*17A*	*9MV*0601714A**	23600	21200	16.5	12.7	690	620	25000	18200	3.8	3.92	15300	10300	2.72	2.36	25000	18200	3.8	3.92	15300	10300	2.72	2.36
	EA*4X30*17A*	*9MV*0801716A**	23800	21400	16.7	13	710	645	25000	18300	3.86	3.98	15300	10400	2.74	2.38	25000	18300	3.86	3.98	15300	10400	2.74	2.38
	EA*4X30*17A*	*9MX*0401410A**	23800	20600	15.7	11.7	795	540	25000	17900	3.76	3.7	16000	10200	2.64	2.26	25000	17900	3.76	3.7	16000	10200	2.64	2.26

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
			24600	21800	16.7	12.7	920	720	25000	17900	3.98	4.08	15900	10600	2.78	2.4
HCH624GKA	EA*4X30*17A*	*9MX*0601714A**	23600	21000	16.7	13	669	561	25000	17900	3.82	3.86	15200	10100	2.74	2.34
	EA*4X30*17A*	MV08**14C*	23800	21000	16.7	13	694	584	25000	18000	3.86	3.92	15200	10100	2.76	2.36
	EA*4X30*17A*	MV12**17C*	24200	20200	16.2	12.7	801	486	25000	17400	3.96	3.64	15600	9800	2.8	2.24
	EA*4X30*17A*	NOMV106D12*	23800	20000	16	12.7	719	460	25000	17300	3.86	3.54	15400	9700	2.74	2.2
	EA*4X30*17A*	OLV098A12A	23800	20800	16.5	12.7	724	548	25000	17800	3.84	3.8	15400	10100	2.74	2.32
	EA*4X30*17A*	OMV098J12A	23800	21000	16.7	13	689	580	25000	17900	3.84	3.9	15200	10100	2.74	2.34
	EA*4X30*17A*	OMV112K14A	23200	20400	14.2	11.5	700	560	25000	17900	3.6	3.52	15900	10600	2.56	2.16
	EA*4X36*14A*	*8MV*0701412**	23800	21000	16.7	13	700	560	25000	17900	3.88	3.86	15300	10100	2.76	2.34
	EA*4X36*14A*	*8MX*0451408**	24000	21000	16.5	12.7	725	590	25000	17900	3.86	3.88	15400	10200	2.74	2.32
	EA*4X36*14A*	*9MV*0401410A**	23600	20800	15.7	12	700	565	25000	18100	3.72	3.74	15700	10300	2.64	2.26
	EA*4X36*14A*	*9MX*0401410A**	23800	20600	15.7	11.7	785	535	25000	17900	3.76	3.7	16000	10200	2.64	2.26
	EA*4X36*14A*	MV08**14C*	23600	21000	16.7	13	669	562	25000	17900	3.84	3.86	15200	10100	2.74	2.32
	EA*4X36*14A*		23400	20400	14.2	11.5	700	560	25000	17900	3.62	3.54	15900	10600	2.56	2.16
	EA*4X36*17A*	*8MV*0901716**	24000	21000	16.7	13.2	700	560	25000	17900	3.9	3.88	15200	10000	2.78	2.34
	EA*4X36*17A*	*9MA*0601714A**	23800	20800	16.2	12.7	700	560	25000	17900	3.84	3.82	15400	10100	2.72	2.3
	EA*4X36*17A*	*9MA*0601714A**	23800	21000	16.5	13	700	560	25000	17900	3.86	3.84	15300	10100	2.74	2.32
	EA*4X36*17A*	*9MA*0801714A**	23600	20800	15.7	12.2	710	570	25000	18100	3.74	3.76	15700	10300	2.64	2.28
	EA*4X36*17A*	*9MV*0401410A**	23800	20800	16.5	12.7	695	630	25000	18300	3.84	3.96	15300	10400	2.72	2.36
	EA*4X36*17A*	*9MV*0601714A**	24000	21600	16.7	13	715	655	25000	18400	3.88	4.02	15400	10400	2.76	2.38
	EA*4X36*17A*	*9MV*0801716A**	24000	20600	15.7	12	800	540	25000	17900	3.78	3.72	16000	10200	2.64	2.26
	EA*4X36*17A*	*9MX*0401410A**	24800	21800	16.7	12.7	925	725	25000	17900	4	4.1	15900	10600	2.78	2.42
	EA*4X36*17A*	*9MX*0601714A**	23600	21000	16.7	13	669	562	25000	17900	3.84	3.86	15200	10100	2.74	2.34
	EA*4X36*17A*	MV08**14C*	23800	21200	16.7	13.2	694	584	25000	18000	3.9	3.92	15200	10100	2.78	2.36
	EA*4X36*17A*	MV12**17C*	24400	20200	16.2	13	801	486	25000	17400	4	3.66	15600	9800	2.8	2.24
	EA*4X36*17A*	NOMV106D12*	24000	20000	16	12.7	719	460	25000	17300	3.88	3.54	15400	9700	2.76	2.2
	EA*4X36*17A*	OLV098A12A	24000	20800	16.5	12.7	724	548	25000	17800	3.88	3.82	15400	10100	2.74	2.32
	EA*4X36*17A*	OMV098J12A	23800	21200	16.7	13	689	580	25000	17900	3.86	3.9	15200	10100	2.76	2.34
	EA*4X36*17A*	OMV112K14A	23400	20400	14.2	11.5	700	560	25000	17900	3.62	3.54	15900	10600	2.56	2.16
	EA*4X36*21A*	*8MV*1102120**	24000	21800	17.2	13.2	705	705	25000	17900	3.92	4.16	15200	10400	2.78	2.44
	EA*4X36*21A*	*9MA*0601714A**	23800	21000	16.5	12.7	700	560	25000	17900	3.86	3.82	15300	10100	2.74	2.32
	EA*4X36*21A*	*9MA*0602120A**	23400	20600	16.2	12.7	650	516	25000	17700	3.86	3.72	15300	10000	2.74	2.28
	EA*4X36*21A*	*9MA*0801714A**	23800	21000	16.5	13	700	560	25000	17900	3.88	3.84	15300	10100	2.76	2.32
	EA*4X36*21A*	*9MA*0802120A**	23600	21600	16.7	13	650	650	25000	17900	3.88	4.04	15300	10300	2.76	2.4
	EA*4X36*21A*	*9MA*1002122A**	23600	21600	17	13	650	650	25000	17900	3.9	4.04	15300	10300	2.76	2.4
	EA*4X36*21A*	*9MV*0601714A**	23800	21600	16.7	13	710	650	25000	18400	3.86	4	15400	10400	2.74	2.38
	EA*4X36*21A*	*9MV*0801716A**	24000	21800	16.7	13	735	680	25000	18400	3.92	4.06	15400	10400	2.78	2.4
	EA*4X36*21A*	*9MV*0802120A**	24400	22200	17.2	13.2	790	760	25000	18700	4	4.2	15500	10600	2.82	2.46
	EA*4X36*21A*	*9MV*1002120A**	24600	22400	17.2	13.2	840	810	25000	18800	4.06	4.26	15600	10700	2.84	2.48
	EA*4X36*21A*	MV12**17C*	23800	21200	17	13.2	694	584	25000	18000	3.9	3.94	15200	10100	2.78	2.36
	EA*4X36*21A*	NOMV106D12*	24400	20200	16.5	13.2	801	486	25000	17400	4.02	3.66	15600	9800	2.82	2.26

Unit Size	Indoor Model	Furnace Model	Cooling										Heating											
			Capacity		SEER	EER	ID CFM		High Temp		COP		Capacity		High Temp		COP		HSPF					
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low				
			23400	20400	14.2	11.5	700	560	25000	17900	3.62	3.54	15900	10600	2.56	2.16	25000	17900	3.62	3.54	15900	10600	2.56	2.16
HCH624GKA	EA*4X36**21A*		23800	21000	16.7	13	700	560	25000	17900	3.9	3.84	15300	10100	2.74	2.32	25000	17900	3.9	3.84	15300	10100	2.74	2.32
	EHD4X24A**	*8MV*0701412**	23800	21000	16.7	13	700	560	25000	17900	3.9	3.84	15300	10100	2.76	2.32	25000	17900	3.9	3.84	15300	10100	2.76	2.32
	EHD4X24A**	*8MV*0901716**	23800	21000	16.7	13	700	560	25000	17900	3.9	3.84	15300	10100	2.74	2.32	25000	17900	3.9	3.84	15300	10100	2.74	2.32
	EHD4X24A**	*8MV*1102120**	23800	21000	16.7	13	700	560	25000	17900	3.9	3.84	15300	10100	2.74	2.32	25000	17900	3.9	3.84	15300	10100	2.74	2.32
	EHD4X24A**	*8MV*1352422**	23800	21000	16.7	13	700	680	25000	17900	3.9	4.04	15300	10500	2.74	2.38	25000	17900	3.9	4.04	15300	10500	2.74	2.38
	EHD4X24A**	*8MX*0451408**	23600	21000	16.2	12.7	685	555	25000	17900	3.82	3.78	15400	10200	2.7	2.28	25000	17900	3.82	3.78	15400	10200	2.7	2.28
	EHD4X24A**	*9MA*0601714A**	23800	21000	16.2	12.5	700	560	25000	17900	3.84	3.78	15500	10200	2.7	2.28	25000	17900	3.84	3.78	15500	10200	2.7	2.28
	EHD4X24A**	*9MA*0602120A**	23400	20600	16	12.5	650	520	25000	17900	3.84	3.78	15400	10200	2.7	2.28	25000	17900	3.84	3.78	15400	10200	2.7	2.28
	EHD4X24A**	*9MA*0801714A**	23800	21000	16.2	12.7	700	560	25000	17900	3.86	3.8	15400	10200	2.72	2.3	25000	17900	3.86	3.8	15400	10200	2.72	2.3
	EHD4X24A**	*9MA*0802120A**	23400	21600	16.5	12.7	650	650	25000	17900	3.86	3.96	15400	10500	2.72	2.36	25000	17900	3.86	3.96	15400	10500	2.72	2.36
	EHD4X24A**	*9MA*1002122A**	23400	21600	16.5	12.7	650	650	25000	17900	3.88	3.98	15400	10400	2.72	2.36	25000	17900	3.88	3.98	15400	10400	2.72	2.36
	EHD4X24A**	*9MA*1202422A**	23800	21800	16.5	12.7	700	680	25000	17900	3.86	4	15400	10600	2.72	2.36	25000	17900	3.86	4	15400	10600	2.72	2.36
	EHD4X24A**	*9MV*0401410A**	23400	20600	15.5	12	665	530	25000	17900	3.68	3.64	15600	10200	2.6	2.22	25000	17900	3.68	3.64	15600	10200	2.6	2.22
	EHD4X24A**	*9MV*0601714A**	23400	20600	16	12.5	635	530	25000	17800	3.74	3.7	15300	10100	2.66	2.26	25000	17800	3.74	3.7	15300	10100	2.66	2.26
	EHD4X24A**	*9MV*0801716A**	23400	20800	16.2	12.7	645	550	25000	17900	3.78	3.78	15200	10100	2.68	2.28	25000	17900	3.78	3.78	15200	10100	2.68	2.28
	EHD4X24A**	*9MV*0802120A**	23200	21200	16.5	12.7	615	580	25000	18100	3.72	3.84	15100	10200	2.66	2.32	25000	18100	3.72	3.84	15100	10200	2.66	2.32
	EHD4X24A**	*9MV*1002120A**	23400	21200	16.5	12.7	625	590	25000	18100	3.74	3.86	15200	10300	2.68	2.32	25000	18100	3.74	3.86	15200	10300	2.68	2.32
	EHD4X24A**	*9MV*1202422A**	23400	21200	16.2	12.7	635	585	25000	18100	3.76	3.84	15200	10200	2.68	2.32	25000	18100	3.76	3.84	15200	10200	2.68	2.32
	EHD4X24A**	*9MX*0401410A**	23800	20400	15.5	11.7	755	505	25000	17700	3.76	3.6	16000	10100	2.62	2.2	25000	17700	3.76	3.6	16000	10100	2.62	2.2
	EHD4X24A**	*9MX*0601714A**	24400	21600	16.5	12	860	660	25000	17900	3.96	3.98	15900	10500	2.74	2.36	25000	17900	3.96	3.98	15900	10500	2.74	2.36
	EHD4X24A**	MV08**14C*	23600	21000	16.5	12.7	669	562	25000	17900	3.84	3.84	15300	10100	2.72	2.32	25000	17900	3.84	3.84	15300	10100	2.72	2.32
	EHD4X24A**	MV12**17C*	23800	21200	16.7	13	694	584	25000	18100	3.88	3.88	15300	10200	2.74	2.34	25000	18100	3.88	3.88	15300	10200	2.74	2.34
	EHD4X24A**	NOMV106D12*	24400	20400	16	12.5	801	486	25000	17500	3.94	3.62	15800	9900	2.74	2.22	25000	17500	3.94	3.62	15800	9900	2.74	2.22
	EHD4X24A**	OLV098A12A	23800	20000	15.7	12.5	719	460	25000	17300	3.86	3.5	15500	9800	2.72	2.18	25000	17300	3.86	3.5	15500	9800	2.72	2.18
	EHD4X24A**	OMV098J12A	23800	20800	16.2	12.5	724	548	25000	17900	3.86	3.78	15600	10100	2.7	2.28	25000	17900	3.86	3.78	15600	10100	2.7	2.28
	EHD4X24A**	OMV112K14A	23800	21200	16.5	12.7	689	580	25000	17900	3.86	3.86	15400	10200	2.72	2.32	25000	17900	3.86	3.86	15400	10200	2.72	2.32
	EHD4X24A**		23400	20600	14.2	11.7	700	560	25000	17900	3.66	3.54	15900	10600	2.56	2.16	25000	17900	3.66	3.54	15900	10600	2.56	2.16
	EHD4X30A**	*8MV*0701412**	24000	21000	17	13	700	560	25000	17900	3.94	3.88	15300	10100	2.76	2.32	25000	17900	3.94	3.88	15300	10100	2.76	2.32
	EHD4X30A**	*8MV*0901716**	24000	21000	17	13.2	700	560	25000	17900	3.94	3.88	15300	10100	2.76	2.32	25000	17900	3.94	3.88	15300	10100	2.76	2.32
	EHD4X30A**	*8MV*1102120**	24000	22000	17	13.2	705	705	25000	17900	3.94	4.12	15300	10500	2.76	2.42	25000	17900	3.94	4.12	15300	10500	2.76	2.42
	EHD4X30A**	*8MV*1352422**	24000	22000	17.2	13.2	700	680	25000	17900	3.94	4.1	15300	10400	2.76	2.42	25000	17900	3.94	4.1	15300	10400	2.76	2.42
	EHD4X30A**	*8MX*0451408**	24000	21200	16.5	12.7	715	580	25000	17900	3.9	3.86	15400	10200	2.74	2.32	25000	17900	3.9	3.86	15400	10200	2.74	2.32
	EHD4X30A**	*9MA*0601714A**	23800	21000	16.2	12.7	700	560	25000	17900	3.88	3.8	15400	10200	2.72	2.3	25000	17900	3.88	3.8	15400	10200	2.72	2.3
	EHD4X30A**	*9MA*0602120A**	23600	20600	16.2	12.7	650	520	25000	17900	3.88	3.82	15400	10100	2.72	2.3	25000	17900	3.88	3.82	15400	10100	2.72	2.3
	EHD4X30A**	*9MA*0801714A**	23800	21000	16.5	12.7	700	560	25000	17900	3.9	3.82	15400	10100	2.74	2.3	25000	17900	3.9	3.82	15400	10100	2.74	2.3
	EHD4X30A**	*9MA*0802120A**	23600	21600	16.7	12.7	650	650	25000	17900	3.9	4	15300	10400	2.74	2.38	25000	17900	3.9	4	15300	10400	2.74	2.38
	EHD4X30A**	*9MA*1002122A**	23600	21600	16.7	13	650	650	25000	17900	3.92	4.02	15300	10400	2.74	2.38	25000	17900	3.92	4.02	15300	10400	2.74	2.38
	EHD4X30A**	*9MA*1202422A**	24000	21800	16.7	13	700	680	25000	17900	3.9	4.04	15400	10500	2.74	2.38	25000	17900	3.9	4.04	15400	10500	2.74	2.38
	EHD4X30A**	*9MV*0401410A**	23600	20800	15.7	12.2	690	555	25000	18100	3.74	3.72	15600	10300	2.62	2.26	25000	18100	3.74	3.72	15600	10300	2.62	2.26
	EHD4X30A**	*9MV*0601714A**	23600	21200	16.5	12.7	665	585	25000	18100	3.82	3.86	15300	10200	2.7	2.32	25000	18100	3.82	3.86	15300	10200	2.7	2.32
	EHD4X30A**	*9MV*0801716A**	23800	21400	16.7	13	680	605	25000	18200	3.86	3.92	15300	10300	2.72	2.34	25000	18200	3.86	3.92	15300	10300	2.72	2.34

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
HCH624GKA	EHD4X30A**	*9MV*0802120A**	23800	21600	17	13	680	650	25000	18400	3.88	4.02	15300	10400	2.74	2.38	9
	EHD4X30A**	*9MV*1002120A**	24000	21800	17	13	705	675	25000	18500	3.92	4.06	15300	10500	2.76	2.4	9
	EHD4X30A**	*9MV*1202422A**	23800	21600	17	13	690	650	25000	18400	3.9	4	15300	10400	2.74	2.38	9
	EHD4X30A**	*9MX*0401410A**	24000	20600	15.7	12	780	530	25000	17900	3.8	3.68	16000	10100	2.64	2.24	8.5
	EHD4X30A**	*9MX*0601714A**	24800	22000	16.7	12.7	895	695	25000	17900	4.04	4.06	16000	10500	2.76	2.4	9
	EHD4X30A**	MV08**14C*	23800	21000	16.7	13	669	562	25000	17900	3.88	3.86	15200	10100	2.74	2.32	9
	EHD4X30A**	MV12**17C*	24000	21200	17	13	694	584	25000	18000	3.92	3.92	15300	10100	2.76	2.34	9
	EHD4X30A**	NOMV106D12*	24400	20400	16.2	12.7	801	486	25000	17500	4.02	3.64	15700	9800	2.78	2.24	8.5
	EHD4X30A**	OLV098A12A	24000	20000	16	12.7	719	460	25000	17300	3.92	3.54	15400	9700	2.74	2.18	8.5
	EHD4X30A**	OMV098J12A	24000	21000	16.5	12.7	724	548	25000	17900	3.9	3.8	15500	10100	2.72	2.3	8.8
	EHD4X30A**	OMV112K14A	23800	21200	16.7	13	689	580	25000	17900	3.9	3.9	15300	10100	2.74	2.34	9
	EHD4X30A**	OMV112K14A	23400	20600	14.2	11.7	700	560	25000	17900	3.98	3.92	15300	10100	2.78	2.34	9
	EHD4X36A**	*8MV*0701412**	24000	21000	17	13.2	700	560	25000	17900	4	3.92	15300	10100	2.8	2.34	9
	EHD4X36A**	*8MV*0901716**	24000	21000	17	13.2	700	560	25000	17900	4	3.92	15300	10100	2.8	2.34	9
	EHD4X36A**	*8MV*1102120**	24000	22000	17.2	13.2	705	680	25000	17900	3.98	4.18	15300	10500	2.8	2.44	9
	EHD4X36A**	*8MV*1352422**	24000	22000	17.2	13.2	700	680	25000	17900	3.98	4.18	15300	10400	2.8	2.44	9.5
	EHD4X36A**	*8MX*0451408**	24200	21200	16.5	13	735	590	25000	17900	3.98	3.92	15500	10200	2.78	2.34	9
	EHD4X36A**	*9MA*0601714A**	24000	21000	16.5	12.7	700	560	25000	17900	3.92	3.86	15400	10200	2.74	2.32	9
	EHD4X36A**	*9MA*0601714A**	23600	20600	16.2	12.7	650	520	25000	17900	3.94	3.86	15400	10200	2.76	2.32	9
	EHD4X36A**	*9MA*0801714A**	24000	21000	16.5	13	700	560	25000	17900	3.94	3.88	15400	10100	2.76	2.32	9
	EHD4X36A**	*9MA*0802120A**	23600	21600	17	13	650	650	25000	17900	3.96	4.08	15400	10400	2.78	2.4	9
	EHD4X36A**	*9MA*1002122A**	23600	21600	16.7	13	650	650	25000	17900	3.96	4.08	15300	10400	2.78	2.4	9
	EHD4X36A**	*9MA*1202422A**	24000	21800	16.7	13	700	680	25000	17900	3.96	4.1	15400	10500	2.76	2.4	9
	EHD4X36A**	*9MV*0401410A**	23800	21000	15.7	12.2	705	565	25000	18200	3.8	3.78	15700	10300	2.66	2.28	8.8
	EHD4X36A**	*9MV*0601714A**	23800	21400	16.5	12.7	685	610	25000	18300	3.9	3.96	15400	10300	2.74	2.36	9
	EHD4X36A**	*9MV*0801716A**	24000	21600	17	13	705	635	25000	18400	3.96	4.04	15400	10400	2.78	2.38	9
	EHD4X36A**	*9MV*0802120A**	24200	22000	17	13.2	730	695	25000	18600	4	4.16	15400	10500	2.8	2.42	9
	EHD4X36A**	*9MV*1002120A**	24400	22200	17.2	13.2	770	735	25000	18700	4.06	4.22	15500	10600	2.82	2.44	9
	EHD4X36A**	*9MV*1202422A**	24200	22000	17	13.2	740	705	25000	18600	4.02	4.16	15500	10500	2.8	2.44	9
	EHD4X36A**	*9MX*0401410A**	24200	20800	16	12	795	535	25000	17900	3.86	3.74	16000	10200	2.66	2.26	8.8
	EHD4X36A**	*9MX*0601714A**	25000	22000	16.7	12.7	925	715	25000	17900	4.1	4.14	16000	10600	2.8	2.42	9.2
	EHD4X36A**	MV08**14C*	23800	21000	16.7	13	669	562	25000	18000	3.92	3.9	15200	10100	2.76	2.34	9
EHD4X36A**	MV12**17C*	24000	21200	17	13.2	694	584	25000	18100	3.98	3.96	15300	10100	2.8	2.36	9	
EHD4X36A**	NOMV106D12*	24600	20400	16.2	13	801	486	25000	17500	4.08	3.68	15700	9800	2.82	2.24	8.8	
EHD4X36A**	OLV098A12A	24000	20000	16	13	719	460	25000	17400	3.96	3.58	15400	9800	2.78	2.2	8.5	
EHD4X36A**	OMV098J12A	24000	21000	16.5	12.7	724	548	25000	17900	3.96	3.86	15500	10100	2.76	2.32	9	
EHD4X36A**	OMV112K14A	24000	21200	16.7	13	689	580	25000	17900	3.94	3.94	15300	10200	2.78	2.36	9	
EHD4X36A**	OMV112K14A	23400	20600	14.2	11.7	700	560	25000	17900	3.7	3.58	15900	10700	2.58	2.18	8.2	
EN(A,D)4X24*14**	*8MV*0701412**	23800	21000	16.7	13	700	560	25000	17900	3.9	3.84	15300	10100	2.74	2.32	8.8	
EN(A,D)4X24*14**	*8MX*0451408**	23600	21000	16.2	12.7	695	565	25000	17900	3.84	3.78	15400	10200	2.7	2.3	8.8	
EN(A,D)4X24*14**	*9MV*0401410A**	23200	20600	15.5	12	675	545	25000	18000	3.7	3.66	15600	10200	2.6	2.24	8.5	

Unit Size	Indoor 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	Low								
			23600	20400	15.5	11.7	765	515	25000	17800	3.76	3.62	15900	10100	2.6	2.22	23600	20400	15.5	11.7	765	515	25000	17800	3.76	3.62	15900	10100	2.6	2.22
HCH624GKA	EN(A,D)4X24*14**	*9MX*0401410A**	23600	20400	15.5	11.7	765	515	25000	17800	3.76	3.62	15900	10100	2.6	2.22	23600	20400	15.5	11.7	765	515	25000	17800	3.76	3.62	15900	10100	2.6	2.22
	EN(A,D)4X24*14**	MV08**14C*	23600	21000	16.7	12.7	669	562	25000	17900	3.86	3.82	15200	10100	2.72	2.32	23600	21000	16.7	12.7	669	562	25000	17900	3.86	3.82	15200	10100	2.72	2.32
	EN(A,D)4X24*14**	*8MV*0901716**	23200	20600	14.2	11.5	700	560	25000	17900	3.66	3.52	15800	10600	2.56	2.16	23200	20600	14.2	11.5	700	560	25000	17900	3.66	3.52	15800	10600	2.56	2.16
	EN(A,D)4X24*17**	*9MA*0601714A**	23800	21000	16.7	13	700	560	25000	17900	3.84	3.78	15300	10100	2.74	2.32	23800	21000	16.7	13	700	560	25000	17900	3.84	3.78	15300	10100	2.74	2.32
	EN(A,D)4X24*17**	*9MA*0601714A**	23600	21000	16.2	12.5	700	560	25000	17900	3.86	3.8	15400	10200	2.68	2.28	23600	21000	16.2	12.5	700	560	25000	17900	3.86	3.8	15400	10200	2.68	2.28
	EN(A,D)4X24*17**	*9MA*0801714A**	23600	21000	16.2	12.7	700	560	25000	17900	3.86	3.8	15400	10200	2.7	2.3	23600	21000	16.2	12.7	700	560	25000	17900	3.86	3.8	15400	10200	2.7	2.3
	EN(A,D)4X24*17**	*9MV*0401410A**	23200	20600	15.5	12	675	545	25000	18000	3.7	3.66	15600	10200	2.6	2.24	23200	20600	15.5	12	675	545	25000	18000	3.7	3.66	15600	10200	2.6	2.24
	EN(A,D)4X24*17**	*9MV*0601714A**	23400	21000	16.2	12.5	650	560	25000	17900	3.78	3.78	15300	10200	2.66	2.28	23400	21000	16.2	12.5	650	560	25000	17900	3.78	3.78	15300	10200	2.66	2.28
	EN(A,D)4X24*17**	*9MV*0801716A**	23400	21000	16.5	12.7	660	580	25000	18000	3.82	3.84	15200	10200	2.68	2.3	23400	21000	16.5	12.7	660	580	25000	18000	3.82	3.84	15200	10200	2.68	2.3
	EN(A,D)4X24*17**	*9MX*0401410A**	23600	20400	15.5	11.7	765	515	25000	17800	3.76	3.62	15900	10100	2.6	2.22	23600	20400	15.5	11.7	765	515	25000	17800	3.76	3.62	15900	10100	2.6	2.22
	EN(A,D)4X24*17**	*9MX*0601714A**	24400	21600	16.5	12.5	865	670	25000	17900	3.96	3.96	15900	10500	2.72	2.36	24400	21600	16.5	12.5	865	670	25000	17900	3.96	3.96	15900	10500	2.72	2.36
	EN(A,D)4X24*17**	MV08**14C*	23600	21000	16.7	12.7	669	562	25000	17900	3.86	3.82	15200	10100	2.72	2.32	23600	21000	16.7	12.7	669	562	25000	17900	3.86	3.82	15200	10100	2.72	2.32
	EN(A,D)4X24*17**	MV12**17C*	23800	21200	16.7	13	694	584	25000	18000	3.9	3.88	15300	10100	2.74	2.34	23800	21200	16.7	13	694	584	25000	18000	3.9	3.88	15300	10100	2.74	2.34
	EN(A,D)4X24*17**	NOMV106D12*	24200	20400	16.2	12.5	801	486	25000	17500	3.96	3.62	15700	9800	2.74	2.22	24200	20400	16.2	12.5	801	486	25000	17500	3.96	3.62	15700	9800	2.74	2.22
	EN(A,D)4X24*17**	OLV098A12A	23800	20000	15.7	12.5	719	460	25000	17300	3.88	3.52	15500	9800	2.7	2.18	23800	20000	15.7	12.5	719	460	25000	17300	3.88	3.52	15500	9800	2.7	2.18
	EN(A,D)4X24*17**	OMV098J12A	23800	20800	16.5	12.5	724	548	25000	17800	3.86	3.78	15500	10100	2.7	2.3	23800	20800	16.5	12.5	724	548	25000	17800	3.86	3.78	15500	10100	2.7	2.3
	EN(A,D)4X24*17**	OMV112K14A	23600	21200	16.7	12.7	689	580	25000	17900	3.88	3.86	15300	10200	2.72	2.32	23600	21200	16.7	12.7	689	580	25000	17900	3.88	3.86	15300	10200	2.72	2.32
	EN(A,D)4X24*17**		23200	20600	14.2	11.5	700	560	25000	17900	3.66	3.52	15800	10600	2.56	2.16	23200	20600	14.2	11.5	700	560	25000	17900	3.66	3.52	15800	10600	2.56	2.16
	EN(A,D)4X30*14**	*8MV*0701412**	23800	21000	16.7	13	700	560	25000	17900	3.86	3.86	15300	10100	2.76	2.34	23800	21000	16.7	13	700	560	25000	17900	3.86	3.86	15300	10100	2.76	2.34
	EN(A,D)4X30*14**	*8MX*0451408**	23800	21000	16.2	12.7	705	580	25000	17900	3.82	3.84	15400	10200	2.72	2.32	23800	21000	16.2	12.7	705	580	25000	17900	3.82	3.84	15400	10200	2.72	2.32
	EN(A,D)4X30*14**	*9MV*0401410A**	23400	20800	15.5	12	685	560	25000	18100	3.68	3.72	15600	10300	2.62	2.26	23400	20800	15.5	12	685	560	25000	18100	3.68	3.72	15600	10300	2.62	2.26
	EN(A,D)4X30*14**	*9MX*0401410A**	23800	20600	15.7	12	770	530	25000	17800	3.72	3.68	16000	10100	2.62	2.24	23800	20600	15.7	12	770	530	25000	17800	3.72	3.68	16000	10100	2.62	2.24
	EN(A,D)4X30*14**	MV08**14C*	23600	21000	16.7	12.7	669	562	25000	17900	3.82	3.86	15200	10100	2.74	2.32	23600	21000	16.7	12.7	669	562	25000	17900	3.82	3.86	15200	10100	2.74	2.32
	EN(A,D)4X30*14**		23200	20400	14.2	11.5	700	560	25000	17900	3.62	3.54	15900	10600	2.56	2.16	23200	20400	14.2	11.5	700	560	25000	17900	3.62	3.54	15900	10600	2.56	2.16
	EN(A,D)4X30*17**	*8MV*0901716**	23800	21000	16.7	13.2	700	560	25000	17800	3.9	3.88	15200	10000	2.78	2.34	23800	21000	16.7	13.2	700	560	25000	17800	3.9	3.88	15200	10000	2.78	2.34
	EN(A,D)4X30*17**	*9MA*0601714A**	23800	20800	16.2	12.7	700	560	25000	17900	3.82	3.82	15400	10100	2.72	2.3	23800	20800	16.2	12.7	700	560	25000	17900	3.82	3.82	15400	10100	2.72	2.3
	EN(A,D)4X30*17**	*9MA*0801714A**	23800	20800	16.5	12.7	700	560	25000	17900	3.84	3.82	15300	10100	2.74	2.32	23800	20800	16.5	12.7	700	560	25000	17900	3.84	3.82	15300	10100	2.74	2.32
	EN(A,D)4X30*17**	*9MV*0401410A**	23600	20800	15.7	12	705	570	25000	18100	3.72	3.76	15700	10300	2.64	2.28	23600	20800	15.7	12	705	570	25000	18100	3.72	3.76	15700	10300	2.64	2.28
	EN(A,D)4X30*17**	*9MV*0601714A**	23600	21200	16.5	12.7	685	615	25000	18200	3.8	3.92	15300	10300	2.72	2.34	23600	21200	16.5	12.7	685	615	25000	18200	3.8	3.92	15300	10300	2.72	2.34
	EN(A,D)4X30*17**	*9MV*0801716A**	23800	21400	16.7	13	705	640	25000	18300	3.86	3.98	15300	10400	2.74	2.38	23800	21400	16.7	13	705	640	25000	18300	3.86	3.98	15300	10400	2.74	2.38
	EN(A,D)4X30*17**	*9MX*0401410A**	23800	20600	15.7	12	790	540	25000	17900	3.76	3.72	16000	10200	2.64	2.26	23800	20600	15.7	12	790	540	25000	17900	3.76	3.72	16000	10200	2.64	2.26
	EN(A,D)4X30*17**	*9MX*0601714A**	24600	21800	16.7	12.7	910	715	25000	17900	3.96	4.08	15900	10600	2.76	2.4	24600	21800	16.7	12.7	910	715	25000	17900	3.96	4.08	15900	10600	2.76	2.4
	EN(A,D)4X30*17**	MV08**14C*	23600	21000	16.7	13	669	562	25000	17900	3.82	3.86	15200	10100	2.74	2.34	23600	21000	16.7	13	669	562	25000	17900	3.82	3.86	15200	10100	2.74	2.34
	EN(A,D)4X30*17**	MV12**17C*	23800	21200	16.7	13	694	584	25000	18000	3.88	3.92	15200	10100	2.76	2.36	23800	21200	16.7	13	694	584	25000	18000	3.88	3.92	15200	10100	2.76	2.36
	EN(A,D)4X30*17**	NOMV106D12*	24200	20200	16.2	12.7	801	486	25000	17400	3.96	3.66	15600	9800	2.8	2.42	24200	20200	16.2	12.7	801	486	25000	17400	3.96	3.66	15600	9800	2.8	2.42
	EN(A,D)4X30*17**	OLV098A12A	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	
			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High
HCH624GKA	EN(A,D)4X36*21**	*9MA*0602120A**	23400	20600	16.2	12.7	650	520	25000	17900	3.84	3.82	15300	10100	2.74	2.32	8.8
	EN(A,D)4X36*21**	*9MA*0801714A**	23800	20800	16.5	12.7	700	560	25000	17900	3.84	3.82	15300	10100	2.74	2.32	8.8
	EN(A,D)4X36*21**	*9MA*0802120A**	23400	21400	16.7	12.7	650	650	25000	17900	3.86	4.02	15300	10400	2.74	2.38	9
	EN(A,D)4X36*21**	*9MA*1002122A**	23400	21400	16.7	13	650	650	25000	17900	3.86	4.02	15300	10400	2.76	2.38	9
	EN(A,D)4X36*21**	*9MV*0601714A**	23600	21200	16.5	12.7	685	620	25000	18200	3.8	3.94	15300	10300	2.72	2.36	9
	EN(A,D)4X36*21**	*9MV*0801716A**	23800	21400	16.7	13	705	640	25000	18300	3.86	3.98	15300	10400	2.74	2.38	9
	EN(A,D)4X36*21**	*9MV*0802120A**	24000	21800	17	13	725	695	25000	18500	3.9	4.08	15400	10500	2.76	2.42	9
	EN(A,D)4X36*21**	*9MV**1002120A**	24200	22000	17	13.2	760	730	25000	18600	3.94	4.14	15400	10600	2.78	2.44	9
	EN(A,D)4X36*21**	*9MX*0601714A**	24600	21800	16.7	12.7	915	715	25000	17900	3.98	4.08	15900	10600	2.78	2.4	9
	EN(A,D)4X36*21**	MV12**17C*	23800	21200	16.7	13	694	584	25000	18000	3.88	3.92	15200	10100	2.76	2.36	9
	EN(A,D)4X36*21**	NOMV106D12*	24400	20200	16.2	12.7	801	486	25000	17400	3.96	3.66	15600	9800	2.8	2.26	8.8
	EN(A,D)4X36*21**		23200	20400	14.2	11.5	700	560	25000	17900	3.62	3.54	15900	10600	2.56	2.16	8.2
	EN(A,D)4X36*21**	*8MV*0901716**	23800	21000	16.7	13.2	700	560	25000	17900	3.9	3.88	15200	10000	2.78	2.34	9
	EN(A,D)4X36*21**	*9MA*0601714A**	23800	20800	16.2	12.7	700	560	25000	17900	3.82	3.82	15400	10100	2.72	2.3	8.8
	EN(A,D)4X36*21**	*9MA*0801714A**	23800	20800	16.5	12.7	700	560	25000	17900	3.84	3.82	15300	10100	2.74	2.32	9
	EN(A,D)4X36*21**	*9MA*0401410A**	23600	20800	15.7	12	705	570	25000	18100	3.72	3.76	15700	10300	2.64	2.28	8.8
	EN(A,D)4X36*21**	*9MV*0601714A**	23600	21200	16.5	12.7	685	615	25000	18200	3.8	3.92	15300	10300	2.72	2.34	9
	EN(A,D)4X36*21**	*9MV*0801716A**	23800	21400	16.7	13	705	640	25000	18300	3.86	3.98	15300	10400	2.74	2.38	9
	EN(A,D)4X36*21**	*9MX*0401410A**	23800	20600	15.7	12	790	540	25000	17900	3.76	3.72	16000	10200	2.64	2.26	8.5
	EN(A,D)4X36*21**	*9MX*0601714A**	24600	21800	16.7	12.7	910	715	25000	17900	3.96	4.08	15900	10600	2.76	2.4	9
EN(A,D)4X36*21**	MV08**14C*	23600	21000	16.7	13	669	562	25000	17900	3.82	3.86	15200	10100	2.74	2.34	9	
EN(A,D)4X36*21**	MV12**17C*	23800	21200	16.7	13	694	584	25000	18000	3.88	3.92	15200	10100	2.76	2.36	9	
EN(A,D)4X36*21**	NOMV106D12*	24200	20200	16.2	12.7	801	486	25000	17400	3.96	3.66	15600	9800	2.8	2.24	8.5	
EN(A,D)4X36*21**	OLV098A12A	23800	20000	16	12.7	719	460	25000	17300	3.86	3.54	15400	9700	2.74	2.2	8.5	
EN(A,D)4X36*21**	OMV098J12A	23800	20800	16.5	12.7	724	548	25000	17800	3.86	3.8	15400	10100	2.74	2.32	8.8	
EN(A,D)4X36*21**	OMV112K14A	23800	21000	16.7	13	689	580	25000	17900	3.86	3.9	15300	10100	2.74	2.34	9	
EN(A,D)4X36*21**		23200	20400	14.2	11.5	700	560	25000	17900	3.62	3.54	15900	10600	2.56	2.16	8.2	
ENH4X24*17**		*8MV*0701412**	23800	21000	16.7	13	700	560	25000	17900	3.9	3.84	15300	10100	2.74	2.32	8.8
ENH4X24*17**		*8MV*0901716**	23800	21000	16.7	13	700	560	25000	17900	3.92	3.84	15300	10100	2.74	2.32	8.8
ENH4X24*17**		*8MV**1102120**	23800	21800	16.7	13	705	705	25000	17900	3.9	4.04	15300	10500	2.72	2.38	9
ENH4X24*17**		*8MV**1352422**	23800	21800	16.7	13	700	680	25000	17900	3.92	4.04	15300	10400	2.74	2.38	9
ENH4X24*17**		*8MX*0451408**	23600	21000	16.2	12.7	695	565	25000	17900	3.84	3.78	15400	10200	2.7	2.3	8.8
ENH4X24*17**		*9MA*0601714A**	23600	21000	16.2	12.5	700	560	25000	17900	3.84	3.78	15400	10200	2.68	2.28	8.8
ENH4X24*17**		*9MA*0801714A**	23600	21000	16.2	12.7	700	560	25000	17900	3.86	3.8	15400	10100	2.7	2.3	8.8
ENH4X24*17**		*9MA*1202422A**	23800	21600	16.5	12.7	700	680	25000	17900	3.88	3.98	15400	10500	2.7	2.36	9
ENH4X24*17**		*9MV*0401410A**	23200	20600	15.5	12	675	545	25000	18000	3.7	3.66	15600	10200	2.6	2.24	8.5
ENH4X24*17**		*9MV*0601714A**	23400	21000	16.2	12.5	650	560	25000	17900	3.78	3.78	15300	10200	2.66	2.28	8.8
ENH4X24*17**		*9MV*0801716A**	23400	21000	16.5	12.7	660	580	25000	18000	3.82	3.84	15200	10200	2.68	2.3	9
ENH4X24*17**		*9MX*0401410A**	23600	20400	15.5	11.7	765	515	25000	17800	3.76	3.62	15900	10100	2.6	2.22	8.5
ENH4X24*17**		*9MX*0601714A**	24400	21600	16.5	12.5	865	670	25000	17900	3.96	3.96	15900	10500	2.72	2.36	9
ENH4X24*17**		MV08**14C*	23600	21000	16.7	12.7	669	562	25000	17900	3.86	3.82	15200	10100	2.72	2.32	8.8

Unit Size HCH624GKA		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	HSPF		
Indoor Model	Furnace Model	23800	21200	16.7	13	694	584	25000	18000	3.9	3.88	15300	10100	2.74	2.34	9
ENH4X24*17**	MV12**17C*	24200	20400	16.2	12.5	801	486	25000	17500	3.96	3.62	15700	9800	2.74	2.22	8.5
ENH4X24*17**	NOMV106D12*	23800	20000	15.7	12.5	719	460	25000	17300	3.88	3.52	15500	9800	2.7	2.18	8.5
ENH4X24*17**	OLV098A12A	23800	20800	16.5	12.5	724	548	25000	17800	3.86	3.78	15500	10100	2.7	2.3	8.8
ENH4X24*17**	OMV098J12A	23600	21200	16.7	12.7	689	580	25000	17900	3.88	3.86	15300	10200	2.72	2.32	8.8
ENH4X24*17**	OMV112K14A	23200	20600	14.2	11.5	700	560	25000	17900	3.66	3.52	15800	10600	2.56	2.16	8.2
ENH4X30*17**	*8MV*0701412**	23800	21000	16.7	13	700	560	25000	17900	3.88	3.86	15300	10100	2.76	2.34	9
ENH4X30*17**	*8MV*0901716**	23800	21000	16.7	13.2	700	560	25000	17800	3.9	3.88	15200	10000	2.78	2.34	9
ENH4X30*17**	*8MV*1102120**	23800	21800	17	13.2	705	705	25000	17900	3.88	4.12	15300	10500	2.76	2.42	9
ENH4X30*17**	*8MV*1352422**	23800	21800	17.2	13.2	700	680	25000	17900	3.9	4.1	15200	10400	2.78	2.42	9
ENH4X30*17**	*8MX*0451408**	24000	21000	16.5	12.7	730	595	25000	17900	3.86	3.88	15500	10200	2.74	2.34	9
ENH4X30*17**	*9MA*0601714A**	23800	20800	16.2	12.7	700	560	25000	17900	3.82	3.82	15400	10100	2.72	2.3	8.8
ENH4X30*17**	*9MA*0801714A**	23800	20800	16.5	12.7	700	560	25000	17900	3.84	3.82	15300	10100	2.74	2.32	8.8
ENH4X30*17**	*9MA*1202422A**	23800	21600	16.7	13	700	680	25000	17900	3.86	4.04	15300	10500	2.74	2.4	9
ENH4X30*17**	*9MV*0401410A**	23600	20800	15.7	12	705	570	25000	18100	3.72	3.76	15700	10300	2.64	2.28	8.8
ENH4X30*17**	*9MV*0601714A**	23600	21200	16.5	12.7	685	615	25000	18200	3.8	3.92	15300	10300	2.72	2.34	9
ENH4X30*17**	*9MV*0801716A**	23800	21400	16.7	13	705	640	25000	18300	3.86	3.98	15300	10400	2.74	2.38	9
ENH4X30*17**	*9MX*0401410A**	23800	20600	15.7	11.7	790	540	25000	17900	3.76	3.72	16000	10200	2.64	2.26	8.5
ENH4X30*17**	*9MX*0601714A**	24600	21800	16.7	12.7	910	715	25000	17900	3.96	4.08	15900	10600	2.76	2.4	9
ENH4X30*17**	MV08**14C*	23600	21000	16.7	13	669	562	25000	17900	3.82	3.86	15200	10100	2.74	2.34	9
ENH4X30*17**	MV12**17C*	23800	21200	16.7	13	694	584	25000	18000	3.88	3.92	15200	10100	2.76	2.36	9
ENH4X30*17**	NOMV106D12*	24200	20200	16.2	12.7	801	486	25000	17400	3.96	3.66	15600	9800	2.8	2.24	8.5
ENH4X30*17**	OLV098A12A	23800	20000	16	12.7	719	460	25000	17300	3.86	3.54	15400	9700	2.74	2.2	8.5
ENH4X30*17**	OMV098J12A	23800	20800	16.5	12.7	724	548	25000	17800	3.86	3.8	15400	10100	2.74	2.32	8.8
ENH4X30*17**	OMV112K14A	23800	21000	16.7	13	689	580	25000	17900	3.86	3.9	15300	10100	2.74	2.34	9
ENH4X30*17**	*8MV*0701412**	23200	20400	14.2	11.5	700	560	25000	17900	3.62	3.54	15900	10600	2.56	2.16	8.2
ENH4X36*17**	*8MV*0901716**	23800	21000	16.7	13	700	560	25000	17900	3.88	3.86	15300	10100	2.76	2.34	9
ENH4X36*17**	*8MV*1102120**	23800	21000	16.7	13.2	700	560	25000	17800	3.9	3.88	15200	10000	2.78	2.34	9
ENH4X36*17**	*8MV*1352422**	23800	21800	17	13.2	705	705	25000	17900	3.88	4.12	15300	10500	2.76	2.42	9
ENH4X36*17**	*8MX*0451408**	24000	21000	16.5	12.7	730	595	25000	17900	3.86	3.88	15500	10200	2.74	2.34	9
ENH4X36*17**	*9MA*0601714A**	23800	20800	16.2	12.7	700	560	25000	17900	3.82	3.82	15400	10100	2.72	2.3	8.8
ENH4X36*17**	*9MA*0801714A**	23800	20800	16.5	12.7	700	560	25000	17900	3.84	3.82	15300	10100	2.74	2.32	8.8
ENH4X36*17**	*9MA*1202422A**	23800	21600	16.7	13	700	680	25000	17900	3.86	4.04	15300	10500	2.74	2.4	9
ENH4X36*17**	*9MV*0401410A**	23600	20800	15.7	12	705	570	25000	18100	3.72	3.76	15700	10300	2.64	2.28	8.8
ENH4X36*17**	*9MV*0601714A**	23600	21200	16.5	12.7	685	615	25000	18200	3.8	3.92	15300	10300	2.72	2.34	9
ENH4X36*17**	*9MV*0801716A**	23800	21400	16.7	13	705	640	25000	18300	3.86	3.98	15300	10400	2.74	2.38	9
ENH4X36*17**	*9MX*0401410A**	23800	20600	15.7	12	790	540	25000	17900	3.76	3.72	16000	10200	2.64	2.26	8.5

AHRI STANDARD RATINGS

Unit Size	Indoor Model	Furnace Model	Cooling						Heating								
			Capacity		SEER	EER	ID CFM		High Temp		Low Temp		COP	HSPF			
			High	Low			High	Low	High	Low	High	Low					
			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low			
HCH624GKA	ENH4X36*17**	*9MX*0601714A**	24600	21800	16.7	12.7	910	715	25000	17900	3.96	4.08	15900	10600	2.76	2.4	9.2
	ENH4X36*17**	MV08**14C*	23600	21000	16.7	13	669	562	25000	17900	3.82	3.86	15200	10100	2.74	2.34	9
	ENH4X36*17**	MV12**17C*	23800	21200	16.7	13	694	584	25000	18000	3.88	3.92	15200	10100	2.76	2.36	9
	ENH4X36*17**	NOMV106D12*	24200	20200	16.2	12.7	801	486	25000	17400	3.96	3.66	15600	9800	2.8	2.24	8.5
	ENH4X36*17**	OLV098A12A	23800	20000	16	12.7	719	460	25000	17300	3.86	3.54	15400	9700	2.74	2.2	8.5
	ENH4X36*17**	OMV098J12A	23800	20800	16.5	12.7	724	548	25000	17800	3.86	3.8	15400	10100	2.74	2.32	8.8
	ENH4X36*17**	OMV112K14A	23800	21000	16.7	13	689	580	25000	17900	3.86	3.9	15300	10100	2.74	2.34	9
	ENH4X36*17**		23200	20400	14.2	11.5	700	560	25000	17900	3.62	3.54	15900	10600	2.56	2.16	8.2

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 HCH636GKA		AHRI STANDARD RATINGS														
		Cooling					Heating									
		Capacity		SEER	EER	ID CFM		High Temp		Low Temp		COP	HSPF			
		High	Low			High	Low	High	Low	High	Low					
Indoor Model	Furnace Model	36400	30800	17	13.3	1050	840	35800	25200	4.06	4.1	22600	15300	3	2.6	9.5
*FVM4X60***		35000	29800	16	12.5	1050	840	35600	25000	3.74	3.8	22600	15300	2.8	2.48	9
FCM4X24***		35200	29800	16.2	12.7	1050	840	35200	24800	3.74	3.84	22400	15100	2.84	2.52	9
FCM4X36***		36400	30400	17	13	1050	840	35800	25000	3.96	4.02	22600	15300	2.96	2.58	9
FCM4X48***		36800	30800	17	13.2	1050	840	36000	25200	4.04	4.08	22600	15300	3	2.6	9
FVM4X24****		35000	29800	16	12.2	1050	840	35600	25000	3.72	3.8	22600	15300	2.8	2.48	9
FVM4X36****		35200	29800	16.2	12.7	1050	840	35200	24800	3.74	3.84	22400	15100	2.84	2.5	9
FVM4X48****	FVM4X48****	36400	30400	16.7	13	1050	840	35800	25200	3.94	4.02	22600	15300	2.96	2.58	9
EA*4X36*14A*	*8MV*0701412**	34800	29600	15.7	12	1050	840	35600	25000	3.64	3.8	22800	15300	2.78	2.48	9
EA*4X36*14A*	*8MX*0451408**	34600	29000	15.5	11.5	1045	735	35800	24600	3.54	3.64	23000	15100	2.7	2.42	8.8
EA*4X36*14A*	MV08**14C*	34800	29400	16	12.2	1016	809	35400	25000	3.64	3.78	22600	15200	2.8	2.48	9
EA*4X36*14A*		34400	29000	14	11.3	1050	840	36000	25600	3.52	3.54	23200	16000	2.68	2.34	8.5
EA*4X36*17A*	*8MV*0701412**	35000	29600	15.7	12.2	1050	840	35600	25000	3.66	3.8	22600	15300	2.8	2.5	9
EA*4X36*17A*	*8MV*0901716**	35000	29800	16.2	12.5	1050	840	35400	24800	3.7	3.84	22600	15200	2.84	2.52	9
EA*4X36*17A*	*8MX*0451408**	34800	29000	15.5	11.7	1075	750	36000	24600	3.58	3.66	23000	15100	2.72	2.44	8.8
EA*4X36*17A*	*8MX*0701716**	34800	30000	15.2	12	1050	920	35600	25400	3.62	3.8	22800	15700	2.76	2.48	9
EA*4X36*17A*	*9MA*0601714A**	34400	29200	15.5	12	975	780	35800	25000	3.58	3.74	23000	15500	2.74	2.46	8.8
EA*4X36*17A*	*9MA*0801714A**	34600	29200	15.7	12.2	975	780	35600	25000	3.62	3.78	22800	15400	2.78	2.48	9
EA*4X36*17A*	*9MV*0601714A**	34600	29800	15.2	11.7	1035	875	35600	25200	3.58	3.76	22800	15600	2.74	2.46	8.8
EA*4X36*17A*	*9MV*0801716A**	34800	29800	15.5	12	1040	890	35600	25200	3.64	3.8	22800	15600	2.78	2.48	9
EA*4X36*17A*	*9MX*0601714A**	34800	28800	15.7	12	1045	720	35600	24400	3.6	3.64	22800	15000	2.76	2.42	8.8
EA*4X36*17A*	*9MX*0801716A**	34800	30200	15.2	12	1035	965	35600	25600	3.62	3.84	22800	15800	2.78	2.48	9
EA*4X36*17A*	MV08**14C*	34800	29600	16	12.5	1016	809	35200	24800	3.66	3.78	22600	15200	2.8	2.48	9
EA*4X36*17A*	MV12**17C*	35200	29600	16.2	12.5	1060	829	35400	25000	3.72	3.82	22600	15200	2.84	2.5	9
EA*4X36*17A*	NOMV106D12*	34600	27200	15.2	12	976	550	35200	23600	3.58	3.3	22600	14200	2.76	2.3	8.2
EA*4X36*17A*	OLV098A12A	34600	27800	15.2	11.7	1015	600	35600	23800	3.56	3.42	22800	14500	2.74	2.34	8.2
EA*4X36*17A*	OMV098J12A	34600	28600	15.7	11.7	1038	687	35600	24200	3.58	3.6	22800	14800	2.74	2.42	8.5
EA*4X36*17A*	OMV112K14A	34800	29600	15.7	12	1034	823	35400	24800	3.64	3.8	22600	15200	2.78	2.48	9
EA*4X36*17A*		34400	29000	14	11.3	1050	840	36000	25600	3.52	3.54	23200	16000	2.68	2.34	8.5
EA*4X36*21A*	*8MV*0901716**	35200	29800	16.2	12.5	1050	840	35400	24800	3.72	3.86	22400	15200	2.84	2.52	9
EA*4X36*21A*	*8MV*1102120**	35200	29800	16.2	12.5	1050	840	35400	24800	3.72	3.84	22400	15200	2.84	2.52	9
EA*4X36*21A*	*8MX*0701716**	35000	30000	15.5	12	1070	940	35600	25400	3.64	3.82	22800	15700	2.78	2.48	9
EA*4X36*21A*	*8MX*0902116**	35200	30200	15.7	12.5	1085	955	35400	25400	3.74	3.9	22600	15600	2.86	2.52	9
EA*4X36*21A*	*9MA*0601714A**	34400	29200	15.5	12	975	780	35600	25000	3.6	3.76	22800	15400	2.76	2.46	9
EA*4X36*21A*	*9MA*0602120A**	34600	29200	15.7	12.2	975	780	35600	25000	3.66	3.78	22600	15400	2.8	2.48	9
EA*4X36*21A*	*9MA*0801714A**	34600	29200	15.7	12.2	975	780	35600	25000	3.64	3.78	22800	15300	2.78	2.48	9
EA*4X36*21A*	*9MA*0802120A**	34800	29400	16	12.5	975	780	35400	25000	3.7	3.82	22600	15300	2.82	2.5	9
EA*4X36*21A*	*9MA*1002122A**	34800	29400	16	12.5	975	780	35400	25000	3.72	3.82	22600	15200	2.84	2.5	9
EA*4X36*21A*	*9MV*0601714A**	34800	29800	15.5	12	1055	895	35600	25400	3.62	3.8	22800	15600	2.76	2.48	9
EA*4X36*21A*	*9MV*0801716A**	35000	30000	15.7	12.2	1060	905	35600	25400	3.66	3.84	22800	15600	2.8	2.5	9
EA*4X36*21A*	*9MV*0802120A**	35000	30000	16	12.5	1025	905	35200	25200	3.68	3.88	22400	15500	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	
			35000	30000	16	12.5	1025	890	35200	25200	3.7	3.88	22400	15400	2.82	2.52	9
HCH636GKA	EA*4X36*21A*	*9MV*1002120A**	35000	30000	16	12.5	1025	890	35200	25200	3.7	3.88	22400	15400	2.82	2.52	9
	EA*4X36*21A*	*9MX*0601714A**	35000	29000	15.7	12	1065	735	35600	24600	3.64	3.66	22800	15000	2.78	2.44	8.8
	EA*4X36*21A*	*9MX*0801716A**	34800	30200	15.5	12.2	1050	985	35600	25600	3.64	3.86	22800	15800	2.78	2.5	9
	EA*4X36*21A*	MV12**17C*	35200	29600	16.2	12.5	1060	829	35400	24800	3.74	3.84	22400	15200	2.86	2.52	9
	EA*4X36*21A*	MV16**21C*	35200	29800	16.2	12.7	1049	830	35200	24800	3.74	3.86	22400	15100	2.86	2.52	9
	EA*4X36*21A*	NOMV106D12*	34600	27200	15.2	12.2	976	550	35200	23600	3.6	3.32	22400	14100	2.78	2.3	8.2
	EA*4X36*21A*	NOMV156E19*	34800	27400	15.2	12.2	999	575	35200	23800	3.64	3.36	22400	14300	2.8	2.32	8.2
	EA*4X36*21A*	OLV098A12A	34600	27800	15.2	11.7	1015	600	35600	23800	3.58	3.42	22800	14400	2.74	2.34	8.2
	EA*4X36*21A*	OLV112A16A	35000	29800	15.7	12.2	1083	881	35600	25200	3.68	3.84	22800	15500	2.8	2.5	9
	EA*4X36*21A*	OMV098J12A	34800	28600	15.7	11.7	1038	687	35600	24200	3.6	3.6	22800	14800	2.76	2.42	8.5
	EA*4X36*21A*	OMV112K14A	34800	29600	16	12.2	1034	823	35400	24800	3.66	3.8	22600	15200	2.8	2.5	9
	EA*4X36*21A*	EA*4X36*21A*	34400	29000	14	11.3	1050	840	36000	25600	3.52	3.54	23200	16000	2.68	2.34	8.5
	EA*4X42*21A*	*8MV*0901716**	35400	30000	16.2	12.5	1050	840	35400	25000	3.76	3.88	22600	15200	2.86	2.52	9
	EA*4X42*21A*	*8MV*1102120**	35400	30000	16.2	12.7	1050	840	35400	25000	3.78	3.88	22600	15200	2.86	2.52	9
	EA*4X42*21A*	*8MX*0701716**	35200	30200	15.5	12	1070	940	35800	25600	3.7	3.86	22800	15800	2.8	2.5	9
	EA*4X42*21A*	*8MX*0902116**	35400	30400	16	12.5	1085	950	35600	25400	3.8	3.92	22600	15600	2.88	2.52	9
	EA*4X42*21A*	*9MA*0601714A**	34800	29400	15.7	12	975	780	35800	25200	3.64	3.78	23000	15500	2.76	2.48	9
	EA*4X42*21A*	*9MA*0602120A**	34800	29400	15.7	12.2	975	780	35600	25000	3.7	3.82	22800	15400	2.82	2.48	9
	EA*4X42*21A*	*9MA*0801714A**	34800	29400	15.7	12.2	975	780	35600	25000	3.7	3.82	22800	15400	2.8	2.5	9
	EA*4X42*21A*	*9MA*0802120A**	35000	29600	16	12.5	975	780	35600	25000	3.74	3.86	22600	15300	2.84	2.52	9
EA*4X42*21A*	*9MA*1002122A**	35000	29600	16.2	12.5	975	780	35400	25000	3.76	3.86	22600	15300	2.86	2.52	9	
EA*4X42*21A*	*9MV*0601714A**	35000	30000	15.5	12	1055	890	35800	25400	3.66	3.82	23000	15600	2.78	2.48	9	
EA*4X42*21A*	*9MV*0801716A**	35200	30200	15.7	12.2	1055	905	35800	25400	3.7	3.86	22800	15600	2.8	2.5	9	
EA*4X42*21A*	*9MV*0802120A**	35200	30200	16.2	12.5	1025	900	35400	25200	3.72	3.9	22600	15500	2.84	2.52	9	
EA*4X42*21A*	*9MV*1002120A**	35200	30200	16.2	12.5	1020	885	35400	25200	3.74	3.9	22400	15400	2.84	2.52	9	
EA*4X42*21A*	*9MX*0601714A**	35200	29200	15.7	12	1060	735	35800	24600	3.68	3.7	22800	15000	2.78	2.44	8.8	
EA*4X42*21A*	*9MX*0801716A**	35200	30400	15.5	12.2	1050	980	35600	25600	3.7	3.88	22800	15900	2.8	2.5	9	
EA*4X42*21A*	MV12**17C*	35400	29800	16.2	12.7	1060	829	35400	25000	3.78	3.88	22600	15200	2.86	2.52	9	
EA*4X42*21A*	MV16**21C*	35400	30000	16.5	12.7	1049	830	35400	25000	3.78	3.88	22400	15200	2.88	2.54	9	
EA*4X42*21A*	NOMV106D12*	34800	27400	15.5	12.2	976	550	35200	23600	3.66	3.34	22400	14200	2.8	2.32	8.2	
EA*4X42*21A*	NOMV156E19*	35000	27600	15.5	12.2	999	575	35400	23800	3.7	3.4	22400	14400	2.82	2.32	8.2	
EA*4X42*21A*	OLV098A12A	35000	28000	15.5	12	1015	600	35600	23800	3.62	3.46	22800	14500	2.76	2.36	8.5	
EA*4X42*21A*	OLV112A16A	35200	30000	15.7	12.2	1083	881	35800	25200	3.72	3.86	22800	15500	2.82	2.5	9	
EA*4X42*21A*	OMV098J12A	35000	28800	15.7	12	1038	687	35800	24400	3.64	3.64	22800	14800	2.76	2.42	8.8	
EA*4X42*21A*	OMV112K14A	35200	29800	16.2	12.2	1034	823	35600	25000	3.7	3.84	22600	15200	2.82	2.5	9	
EA*4X42*21A*	EA*4X42*21A*	34800	29200	14	11.5	1050	840	36200	25600	3.56	3.56	23200	16000	2.7	2.36	8.5	
EA*4X42*24A*	*8MV*1102120**	35400	30000	16.2	12.7	1050	840	35400	25000	3.78	3.88	22600	15200	2.88	2.52	9	
EA*4X42*24A*	*8MV*1352422**	35400	30000	16.5	12.7	1050	840	35400	25000	3.8	3.9	22400	15200	2.88	2.54	9	
EA*4X42*24A*	*8MX*0902116**	35600	30400	16	12.5	1090	960	35600	25400	3.8	3.94	22600	15600	2.88	2.54	9	
EA*4X42*24A*	*9MA*0602120A**	34800	29400	15.7	12.2	975	780	35600	25000	3.7	3.82	22800	15400	2.82	2.5	9	
EA*4X42*24A*	*9MA*0802120A**	35000	29600	16.2	12.5	975	780	35400	25000	3.76	3.86	22600	15300	2.86	2.52	9	

Unit Size HCH636GKA		AHRI STANDARD RATINGS														
		Cooling					Heating									
		Capacity		SEER	EER	ID CFM		High Temp		Low Temp		COP	HSPF			
		High	Low			High	Low	High	Low	High	Low					
EA*4X42*24A*	EA*4X42*24A*	35000	29600	16.2	12.5	975	780	35400	25000	3.76	3.86	22600	15300	2.86	2.52	9
EA*4X42*24A*	EA*4X42*24A*	35000	29600	16	12.5	975	780	35400	25000	3.76	3.86	22600	15300	2.86	2.52	9
EA*4X42*24A*	EA*4X42*24A*	35200	30200	16.2	12.5	1030	910	35400	25200	3.74	3.92	22600	15500	2.84	2.54	9
EA*4X42*24A*	EA*4X42*24A*	35200	30200	16.2	12.5	1030	895	35400	25200	3.74	3.92	22600	15400	2.86	2.54	9
EA*4X42*24A*	EA*4X42*24A*	35200	30400	16.2	12.5	1045	935	35400	25400	3.76	3.94	22600	15600	2.86	2.54	9
EA*4X42*24A*	EA*4X42*24A*	35400	30000	16.5	12.7	1049	830	35400	25000	3.78	3.88	22400	15200	2.88	2.54	9
EA*4X42*24A*	EA*4X42*24A*	35400	29800	16.5	12.7	1024	821	35200	24800	3.78	3.88	22400	15100	2.88	2.54	9
EA*4X42*24A*	EA*4X42*24A*	35000	27600	15.5	12.5	999	575	35400	23800	3.7	3.4	22400	14400	2.82	2.32	8.2
EA*4X42*24A*	EA*4X42*24A*	35400	30000	16	12.2	1083	881	35800	25200	3.72	3.88	22800	15500	2.82	2.52	9
EA*4X42*24A*	EA*4X42*24A*	35200	30000	16.2	12.5	1038	844	35400	25000	3.76	3.88	22600	15300	2.86	2.52	9
EA*4X42*24A*	EA*4X42*24A*	34800	29200	14	11.5	1050	840	36200	25600	3.56	3.56	23200	16000	2.7	2.36	8.5
EA*4X48*17A*	EA*4X48*17A*	36000	30400	16.2	12.5	1050	840	36200	25200	3.88	3.96	22800	15400	2.88	2.54	9
EA*4X48*17A*	EA*4X48*17A*	36000	30600	16.7	12.7	1050	840	36000	25200	3.94	4	22800	15400	2.92	2.56	9
EA*4X48*17A*	EA*4X48*17A*	35800	29800	16	12	1075	755	36600	25000	3.78	3.82	23200	15300	2.8	2.48	9
EA*4X48*17A*	EA*4X48*17A*	35800	30800	15.7	12.2	1055	925	36200	25800	3.84	3.96	23000	15900	2.84	2.52	9
EA*4X48*17A*	EA*4X48*17A*	35400	30000	16	12.2	975	780	36400	25400	3.8	3.9	23200	15600	2.82	2.5	9
EA*4X48*17A*	EA*4X48*17A*	35400	30000	16.2	12.5	975	780	36200	25400	3.84	3.92	23000	15500	2.86	2.52	9
EA*4X48*17A*	EA*4X48*17A*	35600	30600	15.7	12.2	1040	880	36200	25600	3.8	3.92	23000	15700	2.82	2.52	9
EA*4X48*17A*	EA*4X48*17A*	35800	30600	16	12.2	1045	895	36200	25600	3.86	3.96	23000	15700	2.86	2.54	9
EA*4X48*17A*	EA*4X48*17A*	35800	29600	16	12.2	1050	725	36200	24800	3.82	3.78	23000	15100	2.84	2.48	9
EA*4X48*17A*	EA*4X48*17A*	35800	31000	15.7	12.2	1040	880	36200	26000	3.84	4	23000	16000	2.86	2.54	9
EA*4X48*17A*	EA*4X48*17A*	35800	30200	16.5	12.7	1016	809	35800	25200	3.88	3.94	22800	15300	2.9	2.54	9
EA*4X48*17A*	EA*4X48*17A*	36200	30400	16.7	12.7	1060	829	36000	25200	3.94	3.98	22800	15300	2.92	2.56	9
EA*4X48*17A*	EA*4X48*17A*	35600	27600	15.7	12.5	976	550	35800	23800	3.8	3.44	22600	14300	2.84	2.34	8.5
EA*4X48*17A*	EA*4X48*17A*	35600	28400	15.7	12.2	1015	600	36200	24000	3.78	3.54	23000	14600	2.82	2.38	8.5
EA*4X48*17A*	EA*4X48*17A*	35600	29400	16.2	12.2	1038	687	36200	24600	3.8	3.74	23000	14900	2.82	2.46	9
EA*4X48*17A*	EA*4X48*17A*	35800	30400	16.2	12.5	1034	823	36000	25200	3.86	3.94	22800	15400	2.86	2.54	9
EA*4X48*17A*	EA*4X48*17A*	35400	29800	14.2	11.7	1050	840	36600	26000	3.72	3.66	23400	16200	2.76	2.38	8.8
EA*4X48*21A*	EA*4X48*21A*	35800	30400	16.5	12.7	1050	840	35800	25000	3.88	3.96	22600	15300	2.9	2.56	9
EA*4X48*21A*	EA*4X48*21A*	35800	30400	16.5	12.7	1050	840	35800	25000	3.88	3.96	22600	15300	2.9	2.54	9
EA*4X48*21A*	EA*4X48*21A*	35600	30600	15.7	12.2	1065	935	36200	25600	3.8	3.94	23000	15800	2.84	2.52	9
EA*4X48*21A*	EA*4X48*21A*	35800	30800	16.2	12.7	1075	945	36000	25600	3.9	4	22800	15700	2.9	2.54	9
EA*4X48*21A*	EA*4X48*21A*	35200	29800	15.7	12.2	975	780	36200	25200	3.76	3.86	23000	15500	2.8	2.5	9
EA*4X48*21A*	EA*4X48*21A*	35200	29800	16	12.5	975	780	36000	25200	3.8	3.88	22800	15500	2.84	2.52	9
EA*4X48*21A*	EA*4X48*21A*	35200	29800	16	12.2	975	780	36000	25200	3.8	3.9	22800	15500	2.84	2.52	9
EA*4X48*21A*	EA*4X48*21A*	35400	29800	16.2	12.7	975	780	35800	25200	3.86	3.92	22800	15400	2.88	2.54	9
EA*4X48*21A*	EA*4X48*21A*	35400	29800	16.2	12.7	975	780	35800	25200	3.88	3.94	22600	15400	2.9	2.54	9
EA*4X48*21A*	EA*4X48*21A*	35400	30400	15.7	12.2	1050	890	36200	25600	3.76	3.9	23000	15700	2.82	2.5	9
EA*4X48*21A*	EA*4X48*21A*	35600	30400	16	12.2	1050	900	36000	25400	3.8	3.94	22800	15700	2.84	2.52	9
EA*4X48*21A*	EA*4X48*21A*	35600	30600	16.2	12.7	1015	895	35600	25400	3.84	3.98	22600	15500	2.88	2.54	9
EA*4X48*21A*	EA*4X48*21A*	35600	30400	16.2	12.7	1010	875	35600	25400	3.84	3.96	22600	15500	2.88	2.54	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	
			35600	29400	16	12.2	1055	730	36200	24800	3.78	3.76	23000	15100	2.82	2.46	
HCH636GKA	EA*4X48*21A*	*9MX*0601714A**	35600	29400	16	12.2	1055	730	36200	24800	3.78	3.76	23000	15100	2.82	2.46	9
	EA*4X48*21A*	*9MX*0801716A**	35600	30800	15.7	12.2	1045	975	36000	25800	3.8	3.96	22800	15900	2.84	2.52	9
	EA*4X48*21A*	MV12**17C*	35800	30200	16.5	12.7	1060	829	35800	25000	3.9	3.94	22600	15300	2.9	2.54	9
	EA*4X48*21A*	MV16**21C*	35800	30200	16.7	12.7	1049	830	35800	25000	3.9	3.96	22600	15300	2.92	2.56	9
	EA*4X48*21A*	NOMV106D12*	35400	27600	15.7	12.2	976	550	35600	23800	3.76	3.4	22600	14300	2.84	2.34	8.2
	EA*4X48*21A*	NOMV156E19*	35600	27800	15.7	12.5	999	575	35600	24000	3.8	3.46	22600	14400	2.86	2.34	8.5
	EA*4X48*21A*	OLV098A12A	35400	28200	15.7	12	1015	600	36000	24000	3.74	3.52	23000	14600	2.8	2.38	8.5
	EA*4X48*21A*	OLV112A16A	35800	30400	16	12.2	1083	881	36200	25400	3.82	3.94	23000	15600	2.84	2.52	9
	EA*4X48*21A*	OMV098J12A	35400	29200	16	12	1038	687	36000	24400	3.74	3.7	23000	14900	2.8	2.46	8.8
	EA*4X48*21A*	OMV112K14A	35600	30200	16.2	12.2	1034	823	35800	25000	3.8	3.92	22800	15300	2.84	2.54	9
	EA*4X48*21A*	*8MV*1102120**	35200	29600	14.2	11.5	1050	840	36400	25800	3.66	3.64	23400	16100	2.74	2.38	8.5
	EA*4X48*24A*	*8MV*1352422**	35800	30400	16.5	12.7	1050	840	35800	25000	3.9	3.96	22600	15300	2.92	2.56	9
	EA*4X48*24A*	*8MV*1352422**	36000	30400	16.7	13	1050	840	35600	25000	3.92	3.98	22600	15300	2.94	2.56	9
	EA*4X48*24A*	*8MX*0902116**	36000	30800	16.2	12.7	1090	955	36000	25600	3.92	4.02	22800	15700	2.92	2.56	9
	EA*4X48*24A*	*9MA*0602120A**	35200	29800	16	12.5	975	780	36000	25000	3.82	3.9	22800	15500	2.86	2.52	9
	EA*4X48*24A*	*9MA*0802120A**	35400	29800	16.2	12.7	975	780	35800	25200	3.86	3.94	22600	15400	2.9	2.54	9
	EA*4X48*24A*	*9MA*1002122A**	35400	29800	16.2	12.7	975	780	35800	25200	3.88	3.94	22600	15400	2.9	2.54	9
	EA*4X48*24A*	*9MA*1202422A**	35400	29800	16.2	12.7	975	780	35800	25200	3.88	3.94	22600	15400	2.9	2.54	9
	EA*4X48*24A*	*9MV*0802120A**	35600	30600	16.2	12.7	1030	905	35800	25400	3.86	4	22600	15500	2.88	2.56	9
	EA*4X48*24A*	*9MV*1002120A**	35600	30600	16.5	12.7	1025	895	35600	25400	3.86	4	22600	15500	2.9	2.56	9
EA*4X48*24A*	*9MV*1202422A**	35800	30200	16.2	12.7	1040	815	35800	25000	3.86	3.9	22600	15300	2.88	2.52	9	
EA*4X48*24A*	MV16**21C*	35800	30200	16.7	12.7	1049	830	35800	25000	3.92	3.96	22600	15200	2.92	2.56	9	
EA*4X48*24A*	MV20**24C*	35800	30200	16.7	12.7	1024	821	35600	25000	3.9	3.96	22400	15200	2.92	2.56	9	
EA*4X48*24A*	NOMV156E19*	35600	27800	15.7	12.5	999	575	35600	24000	3.82	3.46	22600	14400	2.86	2.34	8.5	
EA*4X48*24A*	OLV112A16A	35800	30400	16.2	12.2	1083	881	36200	25400	3.84	3.94	23000	15500	2.86	2.54	9	
EA*4X48*24A*	OMV154L20A	35800	30400	16.5	12.7	1038	844	35800	25200	3.88	3.96	22600	15300	2.9	2.56	9	
EA*4X48*24A*			35200	29600	14.2	11.5	1050	840	36400	25800	3.66	3.64	23400	16100	2.74	2.38	8.5
EHD4X36A**		*8MV*0701412**	35600	30200	16.2	12.5	1050	840	35800	25200	3.8	3.9	22800	15400	2.84	2.52	9
EHD4X36A**		*8MV*0901716**	35800	30400	16.5	12.7	1050	840	35800	25000	3.84	3.94	22600	15300	2.88	2.54	9
EHD4X36A**		*8MV*1102120**	35800	30400	16.5	12.7	1050	840	35800	25200	3.84	3.92	22600	15300	2.88	2.54	9
EHD4X36A**		*8MV*1352422**	35800	30400	16.5	12.7	1050	840	35600	25000	3.86	3.94	22600	15300	2.9	2.54	9
EHD4X36A**		*8MX*0451408**	35600	29600	16	12	1075	745	36400	24800	3.7	3.74	23200	15200	2.78	2.46	9
EHD4X36A**		*8MX*0701716**	35600	30400	15.7	12.2	1045	915	36000	25600	3.74	3.88	23000	15800	2.82	2.5	9
EHD4X36A**		*8MX*0902116**	35800	30600	16	12.7	1060	925	35800	25600	3.84	3.96	22800	15700	2.88	2.54	9
EHD4X36A**		*9MA*0601714A**	35200	29800	16	12.2	975	780	36200	25200	3.72	3.82	23000	15600	2.78	2.48	9
EHD4X36A**		*9MA*0602120A**	35200	29800	16	12.5	975	780	36000	25200	3.78	3.86	22800	15500	2.84	2.5	9
EHD4X36A**		*9MA*0801714A**	35200	29800	16	12.5	975	780	36000	25200	3.76	3.86	22800	15500	2.82	2.5	9
EHD4X36A**		*9MA*0802120A**	35400	29800	16.2	12.5	975	780	35800	25200	3.82	3.9	22800	15400	2.86	2.52	9
EHD4X36A**		*9MA*1002122A**	35400	29800	16.2	12.7	975	780	35800	25200	3.84	3.9	22600	15400	2.88	2.52	9
EHD4X36A**		*9MA*1202422A**	35400	29800	16.2	12.5	975	780	35800	25200	3.82	3.9	22800	15400	2.86	2.52	9
EHD4X36A**		*9MV*0601714A**	35400	30200	15.7	12	1035	875	36000	25400	3.72	3.86	23000	15700	2.8	2.5	9

Unit Size HCH636GKA		AHRI STANDARD RATINGS														
		Cooling					Heating									
		Capacity		SEER	EER	ID CFM		High Temp		Low Temp		COP	HSPF			
		High	Low			High	Low	High	Low	High	Low					
EHD4X36A**	Furnace Model	35600	30400	15.7	12.2	1040	885	35800	25400	3.76	3.9	22800	15600	2.84	2.5	9
EHD4X36A**	*9MV*0801716A**	35600	30400	16.2	12.5	1000	880	35600	25400	3.78	3.96	22600	15600	2.86	2.54	9
EHD4X36A**	*9MV*1002120A**	35400	30400	16.2	12.7	990	850	35600	25200	3.78	3.92	22600	15400	2.86	2.52	9
EHD4X36A**	*9MV*1202422A**	35600	30600	16.2	12.5	1005	900	35600	25400	3.78	3.94	22600	15600	2.86	2.54	9
EHD4X36A**	*9MX*0601714A**	35600	29200	16	12.2	1045	710	36000	24600	3.74	3.7	23000	15000	2.8	2.44	8.8
EHD4X36A**	*9MX*0801716A**	35600	30800	15.7	12.5	1035	965	35800	25800	3.76	3.92	22800	15900	2.82	2.52	9
EHD4X36A**	MV08**14C*	35600	30000	16.2	12.5	1016	809	35600	25000	3.8	3.88	22600	15300	2.86	2.52	9
EHD4X36A**	MV12**17C*	35800	30200	16.5	12.7	1060	829	35800	25000	3.86	3.92	22600	15300	2.9	2.54	9
EHD4X36A**	MV16**21C*	35800	30200	16.5	12.7	1049	830	35600	25000	3.86	3.92	22600	15300	2.9	2.54	9
EHD4X36A**	MV20**24C*	35800	30200	16.7	12.7	1024	821	35600	25000	3.84	3.92	22600	15200	2.9	2.54	9
EHD4X36A**	NOMV106D12*	35400	27600	15.5	12.2	976	550	35600	23800	3.72	3.36	22600	14300	2.82	2.32	8.2
EHD4X36A**	NOMV156E19*	35600	27800	15.5	12.5	999	575	35600	24000	3.76	3.42	22600	14400	2.84	2.34	8.5
EHD4X36A**	OLV098A12A	35400	28200	15.5	12	1015	600	36000	24000	3.7	3.48	23000	14600	2.78	2.36	8.5
EHD4X36A**	OLV112A16A	35800	30400	16	12.2	1083	881	36200	25400	3.78	3.9	23000	15600	2.82	2.52	9
EHD4X36A**	OLV154F20A	36600	31200	16.2	12.5	1248	1022	36600	25800	3.94	4.08	23200	15800	2.92	2.58	9
EHD4X36A**	OMV098J12A	35400	29200	16	12	1038	687	36000	24400	3.7	3.66	23000	14900	2.78	2.44	8.8
EHD4X36A**	OMV112K14A	35600	30200	16.2	12.5	1034	823	35800	25000	3.76	3.88	22800	15400	2.84	2.52	9
EHD4X36A**	OMV154L20A	35800	30400	16.5	12.7	1038	844	35800	25200	3.82	3.92	22600	15300	2.88	2.54	9
EHD4X36A**		35200	29600	14.5	11.5	1050	840	36400	25800	3.64	3.62	23400	16100	2.72	2.38	8.5
EHD4X42A**	*8MV*0701412**	35800	30400	16.2	12.5	1050	840	36000	25200	3.84	3.94	22800	15400	2.86	2.54	9
EHD4X42A**	*8MV*0901716**	36000	30400	16.7	12.7	1050	840	35800	25200	3.9	3.96	22600	15300	2.9	2.56	9
EHD4X42A**	*8MV**1102120**	36000	30400	16.5	12.7	1050	840	35800	25200	3.9	3.96	22600	15400	2.92	2.54	9
EHD4X42A**	*8MV**1352422**	36000	30400	16.7	12.7	1050	840	35800	25000	3.92	3.98	22600	15300	2.92	2.56	9
EHD4X42A**	*8MX*0451408**	35800	29800	16	12	1080	750	36400	24800	3.74	3.78	23200	15200	2.78	2.48	9
EHD4X42A**	*8MX*0701716**	35800	30800	16	12.5	1060	925	36200	25600	3.8	3.92	23000	15800	2.84	2.52	9
EHD4X42A**	*8MX*0902116**	36200	30800	16.2	12.7	1070	935	36000	25600	3.9	4	22800	15700	2.92	2.54	9
EHD4X42A**	*9MA*0601714A**	35400	30000	16	12.5	975	780	36200	25400	3.76	3.86	23000	15600	2.8	2.5	9
EHD4X42A**	*9MA*0602120A**	35400	30000	16	12.5	975	780	36000	25200	3.82	3.88	22800	15500	2.86	2.52	9
EHD4X42A**	*9MA*0801714A**	35400	30000	16	12.5	975	780	36000	25200	3.8	3.9	23000	15500	2.84	2.52	9
EHD4X42A**	*9MA*0802120A**	35600	30000	16.2	12.7	975	780	35800	25200	3.86	3.92	22800	15400	2.88	2.54	9
EHD4X42A**	*9MA*1002122A**	35600	30000	16.2	12.7	975	780	35800	25200	3.88	3.94	22600	15400	2.9	2.54	9
EHD4X42A**	*9MA*1202422A**	35600	30000	16.2	12.7	975	780	35800	25200	3.86	3.92	22800	15400	2.88	2.54	9
EHD4X42A**	*9MV*0601714A**	35600	30400	15.7	12.2	1045	880	36200	25600	3.78	3.88	23000	15700	2.82	2.5	9
EHD4X42A**	*9MV*0801716A**	35800	30600	16	12.5	1050	895	36000	25400	3.82	3.94	22800	15700	2.86	2.52	9
EHD4X42A**	*9MV*0802120A**	35800	30600	16.2	12.7	1010	890	35800	25400	3.84	3.98	22600	15500	2.88	2.54	9
EHD4X42A**	*9MV**1002120A**	35800	30600	16.5	12.7	1005	865	35600	25200	3.84	3.96	22600	15500	2.88	2.54	9
EHD4X42A**	*9MV**1202422A**	35800	30800	16.2	12.7	1020	910	35800	25400	3.84	4	22600	15600	2.88	2.56	9
EHD4X42A**	*9MX*0601714A**	35800	29600	16	12.2	1055	720	36200	24600	3.8	3.74	23000	15100	2.82	2.46	9
EHD4X42A**	*9MX*0801716A**	35800	31000	15.7	12.5	1040	975	36000	25800	3.8	3.96	22800	15900	2.84	2.52	9
EHD4X42A**	MV08**14C*	35800	30200	16.5	12.7	1016	809	35800	25000	3.84	3.92	22600	15300	2.88	2.54	9
EHD4X42A**	MV12**17C*	36000	30400	16.5	12.7	1060	829	35800	25200	3.9	3.94	22600	15300	2.92	2.54	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	
			36000	30400	16.7	12.7	1049	830	35800	25000	3.9	3.96	22600	15300	2.92	2.56	9
HCH636GKA	EHD4X42A**	MV16**21C*	36000	30400	16.7	12.7	1049	830	35800	25000	3.9	3.96	22600	15300	2.92	2.56	9
	EHD4X42A**	MV20**24C*	36000	30400	16.7	12.7	1024	821	35600	25000	3.88	3.96	22600	15200	2.92	2.56	9
	EHD4X42A**	NOMV106D12*	35600	27600	15.5	12.5	976	550	35600	23800	3.76	3.38	22600	14300	2.84	2.32	8.2
	EHD4X42A**	NOMV156E19*	35800	28000	15.7	12.5	999	575	35600	24000	3.8	3.44	22600	14400	2.86	2.34	8.5
	EHD4X42A**	OLV098A12A	35600	28400	15.7	12.2	1015	600	36000	24000	3.74	3.5	23000	14600	2.8	2.36	8.5
	EHD4X42A**	OLV112A16A	36000	30600	16.2	12.5	1083	881	36200	25400	3.84	3.94	23000	15600	2.86	2.52	9
	EHD4X42A**	OLV154F20A	36800	31400	16.5	12.7	1248	1022	36600	25800	4	4.12	23200	15800	2.94	2.6	9
	EHD4X42A**	OMV098J12A	35600	29200	16	12.2	1038	687	36200	24400	3.76	3.7	23000	14900	2.8	2.44	8.8
	EHD4X42A**	OMV112K14A	35800	30400	16.2	12.5	1034	823	36000	25200	3.82	3.92	22800	15400	2.86	2.52	9
	EHD4X42A**	OMV154L20A	36000	30400	16.5	12.7	1038	844	35800	25200	3.88	3.96	22600	15400	2.9	2.54	9
	EHD4X42A**	EHD4X42A**	35400	29800	14.5	11.7	1050	840	36400	25800	3.68	3.64	23400	16100	2.74	2.38	8.5
	EHD4X48A**	*8MV*0701412**	36000	30600	16.5	12.5	1050	840	36000	25200	3.86	3.96	22800	15400	2.88	2.54	9
	EHD4X48A**	*8MV*0901716**	36200	30600	16.7	12.7	1050	840	35800	25200	3.92	3.98	22600	15300	2.92	2.56	9
	EHD4X48A**	*8MV*1102120**	36200	30600	16.7	12.7	1050	840	35800	25200	3.92	3.98	22600	15400	2.92	2.56	9
	EHD4X48A**	*8MV*1352422**	36200	30600	16.7	12.7	1050	840	35800	25200	3.92	3.98	22600	15400	2.92	2.56	9
	EHD4X48A**	*8MX*0451408**	35800	29800	16	12	1080	755	36400	25000	3.78	3.8	23200	15200	2.8	2.48	9
	EHD4X48A**	*8MX*0701716**	36000	30800	16	12.5	1060	930	36200	25800	3.82	3.96	23000	15900	2.84	2.52	9
	EHD4X48A**	*8MX*0902116**	36200	31000	16.2	12.7	1070	940	36000	25600	3.94	4.02	22800	15700	2.92	2.56	9
	EHD4X48A**	*9MA*0601714A**	35400	30000	16	12.5	975	780	36200	25400	3.78	3.88	23000	15600	2.82	2.5	9
	EHD4X48A**	*9MA*0602120A**	35600	30000	16.2	12.5	975	780	36000	25200	3.84	3.92	23000	15500	2.86	2.52	9
EHD4X48A**	*9MA*0801714A**	35600	30000	16.2	12.5	975	780	36200	25200	3.84	3.92	23000	15500	2.86	2.52	9	
EHD4X48A**	*9MA*0802120A**	35800	30200	16.5	12.7	975	780	36000	25200	3.9	3.96	22800	15400	2.9	2.54	9	
EHD4X48A**	*9MA*1002122A**	35800	30200	16.5	12.7	975	780	36000	25200	3.92	3.96	22800	15400	2.92	2.54	9	
EHD4X48A**	*9MA*1202422A**	35800	30200	16.2	12.7	975	780	36000	25200	3.9	3.94	22800	15400	2.9	2.54	9	
EHD4X48A**	*9MV*0601714A**	35800	30600	15.7	12.2	1045	885	36200	25600	3.8	3.92	23000	15700	2.82	2.52	9	
EHD4X48A**	*9MV*0801716A**	36000	30800	16	12.5	1050	895	36200	25600	3.84	3.96	23000	15700	2.86	2.54	9	
EHD4X48A**	*9MV*0802120A**	35800	30800	16.5	12.7	1010	890	35800	25400	3.86	4	22600	15600	2.88	2.56	9	
EHD4X48A**	*9MV*1002120A**	35800	30600	16.5	12.7	1005	870	35800	25400	3.86	3.98	22600	15500	2.9	2.56	9	
EHD4X48A**	*9MV*1202422A**	36000	31000	16.5	12.7	1020	915	35800	25600	3.88	4.02	22600	15600	2.9	2.56	9	
EHD4X48A**	*9MX*0601714A**	36000	29800	16.2	12.5	1055	730	36200	24800	3.82	3.78	23000	15100	2.84	2.48	9	
EHD4X48A**	*9MX*0801716A**	35800	31000	15.7	12.5	1040	975	36000	25800	3.82	3.98	23000	16000	2.86	2.54	9	
EHD4X48A**	MV08**14C*	36000	30400	16.5	12.7	1016	809	35800	25000	3.86	3.94	22600	15300	2.9	2.54	9	
EHD4X48A**	MV12**17C*	36200	30600	16.7	12.7	1060	829	36000	25200	3.92	3.98	22800	15300	2.92	2.56	9	
EHD4X48A**	MV16**21C*	36200	30600	16.7	13	1049	830	35800	25200	3.94	3.98	22600	15300	2.94	2.56	9	
EHD4X48A**	MV20**24C*	36000	30400	16.7	13	1024	821	35800	25000	3.92	3.98	22600	15300	2.92	2.56	9	
EHD4X48A**	NOMV106D12*	35600	27800	15.7	12.5	976	550	35600	23800	3.8	3.42	22600	14300	2.84	2.34	8.5	
EHD4X48A**	NOMV156E19*	35800	28000	15.7	12.7	999	575	35800	24000	3.84	3.46	22600	14400	2.88	2.36	8.5	
EHD4X48A**	OLV098A12A	35800	28400	15.7	12.2	1015	600	36000	24000	3.76	3.52	23000	14600	2.82	2.38	8.5	
EHD4X48A**	OLV112A16A	36000	30600	16.2	12.2	1083	881	36200	25400	3.86	3.96	23000	15600	2.86	2.54	9	
EHD4X48A**	OLV154F20A	37000	31400	16.5	12.7	1248	1022	36600	25800	4.02	4.14	23200	15800	2.94	2.6	9	
EHD4X48A**	OMV098J12A	35800	29400	16.2	12.2	1038	687	36200	24600	3.78	3.72	23000	14900	2.82	2.46	9	

Unit Size	Indoor 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	Low
			36000	30400	16.5	12.5	1034	823	36000	25200	3.84	3.94	25200	15400	3.84	3.94	25200	15400	2.86	2.54		
HCH636GKA	EHD4X48A**	OMV112K14A	36000	30400	16.5	12.5	1034	823	36000	25200	3.84	3.94	25200	15400	2.86	2.54	9					
	EHD4X48A**	OMV154L20A	36000	30600	16.7	12.7	1038	844	35800	25200	3.9	3.98	22600	15400	2.9	2.56	9					
	EHD4X48A**		35600	30000	14.5	11.7	1050	840	36600	25800	3.7	3.66	23400	16200	2.74	2.38	8.5					
	EN(A,D)4X36*21**	*8MV*0901716**	35000	29600	16	12.5	1050	840	35400	24800	3.68	3.82	22600	15200	2.82	2.5	9					
	EN(A,D)4X36*21**	*8MV**1102120**	35000	29600	16	12.5	1050	840	35400	25000	3.68	3.82	22600	15300	2.82	2.5	9					
	EN(A,D)4X36*21**	*8MX*0701716**	34600	29800	15.2	12	1035	905	35600	25400	3.58	3.78	22800	15700	2.76	2.46	9					
	EN(A,D)4X36*21**	*8MX*0902116**	35000	30000	15.7	12.2	1045	910	35400	25200	3.68	3.82	22600	15600	2.82	2.48	9					
	EN(A,D)4X36*21**	*9MA*0601714A**	34400	29200	15.2	12	975	780	35800	25200	3.56	3.72	23000	15500	2.72	2.44	9					
	EN(A,D)4X36*21**	*9MA*0602120A**	34400	29200	15.5	12	975	780	35600	25000	3.62	3.76	22800	15400	2.76	2.46	9					
	EN(A,D)4X36*21**	*9MA*0801714A**	34400	29200	15.5	12	975	780	35600	25000	3.6	3.76	22800	15400	2.76	2.46	9					
	EN(A,D)4X36*21**	*9MA*0802120A**	34600	29200	15.7	12.5	975	780	35400	25000	3.66	3.78	22600	15300	2.8	2.48	9					
	EN(A,D)4X36*21**	*9MA*1002122A**	34600	29200	15.7	12.5	975	780	35400	25000	3.68	3.8	22600	15300	2.82	2.48	9					
	EN(A,D)4X36*21**	*9MV*0601714A**	34600	29600	15.2	11.7	1025	865	35600	25200	3.56	3.74	22800	15600	2.74	2.46	8.8					
	EN(A,D)4X36*21**	*9MV*0801716A**	34800	29800	15.5	12	1030	880	35400	25200	3.6	3.78	22800	15500	2.76	2.48	9					
	EN(A,D)4X36*21**	*9MV*0802120A**	34600	29800	15.7	12.2	985	870	35200	25200	3.62	3.82	22400	15400	2.78	2.5	9					
	EN(A,D)4X36*21**	*9MV**1002120A**	34600	29600	15.7	12.2	975	835	35000	25000	3.6	3.78	22400	15300	2.78	2.48	9					
	EN(A,D)4X36*21**	*9MX*0601714A**	34600	28800	15.5	12	1035	710	35600	24400	3.58	3.6	22800	14900	2.74	2.42	8.5					
	EN(A,D)4X36*21**	*9MX*0801716A**	34600	30000	15.2	12	1025	955	35400	25600	3.6	3.8	22800	15800	2.76	2.48	9					
	EN(A,D)4X36*21**	MV12**17C*	35000	29600	16	12.5	1060	829	35400	25000	3.68	3.8	22600	15200	2.82	2.5	9					
	EN(A,D)4X36*21**	MV16**21C*	35000	29600	16.2	12.5	1049	830	35400	24800	3.7	3.82	22600	15200	2.84	2.5	9					
	EN(A,D)4X36*21**	NOMV106D12*	34600	27000	15.2	12	976	550	35200	23600	3.56	3.3	22600	14200	2.76	2.3	8.2					
	EN(A,D)4X36*21**	NOMV156E19*	34800	27400	15.2	12.2	999	575	35200	23800	3.6	3.36	22600	14300	2.78	2.32	8.2					
	EN(A,D)4X36*21**	OLV098A12A	34600	27800	15.2	11.7	1015	600	35600	23800	3.54	3.4	22800	14500	2.72	2.34	8.2					
	EN(A,D)4X36*21**	OLV112A16A	34800	29800	15.5	11.7	1083	881	35800	25200	3.62	3.8	23000	15500	2.76	2.48	9					
	EN(A,D)4X36*21**	OMV098J12A	34600	28600	15.5	11.7	1038	687	35600	24200	3.56	3.58	23000	14800	2.72	2.4	8.5					
	EN(A,D)4X36*21**	OMV112K14A	34800	29600	15.7	12	1034	823	35400	24800	3.6	3.78	22800	15300	2.76	2.48	9					
	EN(A,D)4X36*21**		34400	29000	14	11.3	1050	840	36000	25600	3.5	3.54	23200	16000	2.68	2.34	8.5					
	EN(A,D)4X48*24**	*8MV**1102120**	36000	30400	16.7	12.7	1050	840	35800	25200	3.9	3.98	22600	15300	2.92	2.56	9					
	EN(A,D)4X48*24**	*8MV**1352422**	36000	30400	16.7	13	1050	840	35600	25000	3.92	4	22600	15300	2.94	2.58	9					
	EN(A,D)4X48*24**	*8MX*0902116**	36000	31000	16.2	12.7	1090	960	36000	25600	3.92	4.04	22800	15700	2.92	2.56	9					
	EN(A,D)4X48*24**	*9MA*0602120A**	35400	29800	16.2	12.5	975	780	36000	25200	3.82	3.92	22800	15500	2.86	2.52	9					
	EN(A,D)4X48*24**	*9MA*0802120A**	35600	30000	16.2	12.7	975	780	35800	25200	3.88	3.96	22600	15400	2.9	2.54	9					
	EN(A,D)4X48*24**	*9MA*1002122A**	35600	30000	16.5	12.7	975	780	35800	25200	3.9	3.96	22600	15400	2.92	2.56	9					
	EN(A,D)4X48*24**	*9MA*1202422A**	35600	30000	16.2	12.7	975	780	35800	25200	3.88	3.94	22600	15400	2.9	2.54	9					
	EN(A,D)4X48*24**	*9MV*0802120A**	35800	30800	16.5	12.7	1035	910	35800	25400	3.86	4.02	22600	15600	2.9	2.56	9					
	EN(A,D)4X48*24**	*9MV**1002120A**	35800	30600	16.5	12.7	1030	900	35800	25400	3.88	4.02	22600	15500	2.9	2.56	9					
	EN(A,D)4X48*24**	*9MV**1202422A**	35800	30800	16.5	12.7	1045	935	35800	25600	3.88	4.04	22600	15600	2.9	2.56	9					
	EN(A,D)4X48*24**	MV16**21C*	36000	30400	16.7	13	1049	830	35800	25000	3.92	3.98	22600	15300	2.94	2.56	9					
	EN(A,D)4X48*24**	MV20**24C*	35800	30400	16.7	13	1024	821	35600	25000	3.9	3.98	22400	15200	2.92	2.56	9					
	EN(A,D)4X48*24**	NOMV156E19*	35600	27800	15.7	12.7	999	575	35600	24000	3.82	3.48	22600	14500	2.88	2.36	8.5					
	EN(A,D)4X48*24**	OLV112A16A	35800	30600	16.2	12.5	1083	881	36200	25400	3.84	3.96	23000	15600	2.86	2.54	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
			35800	29800	16.7	12.7	1038	844	35800	25200	3.88	3.98	22600	15300	2.9	2.56
HCH636GKA	EN(A,D)W4X48*24**	OMV154L20A	35200	29800	14.5	11.7	1050	840	36400	25800	3.66	3.64	23400	16100	2.74	2.38
	EN(A,D)W4X48*24**	*8MV*0701412**	34800	29600	15.7	12	1050	840	35600	25000	3.62	3.78	22800	15300	2.78	2.48
	EN(A,D)W4X36*17**	*8MV*0901716**	35000	29600	16	12.5	1050	840	35400	24800	3.68	3.82	22600	15200	2.82	2.5
	EN(A,D)W4X36*17**	*8MX*0451408**	34600	29000	15.5	11.5	1055	740	35800	24600	3.54	3.64	23000	15100	2.7	2.42
	EN(A,D)W4X36*17**	*8MX*0701716**	34600	29800	15.2	12	1030	905	35600	25400	3.58	3.76	22800	15700	2.74	2.46
	EN(A,D)W4X36*17**	*9MA*0601714A**	34400	29200	15.2	12	975	780	35800	25200	3.56	3.72	23000	15500	2.72	2.44
	EN(A,D)W4X36*17**	*9MA*0801714A**	34400	29200	15.5	12	975	780	35600	25000	3.6	3.76	22800	15400	2.76	2.46
	EN(A,D)W4X36*17**	*9MV*0601714A**	34600	29600	15.2	11.7	1020	865	35600	25200	3.56	3.74	22800	15600	2.74	2.46
	EN(A,D)W4X36*17**	*9MV*0801716A**	34600	29600	15.5	12	1025	875	35400	25200	3.6	3.78	22800	15500	2.76	2.46
	EN(A,D)W4X36*17**	*9MX*0601714A**	34600	28800	15.5	12	1030	710	35600	24400	3.58	3.6	22800	14900	2.74	2.42
	EN(A,D)W4X36*17**	*9MX*0801716A**	34600	30000	15.2	12	1020	950	35400	25600	3.58	3.8	22800	15800	2.76	2.46
	EN(A,D)W4X36*17**	NOMV106D12*	34600	27000	15.2	12	976	550	35200	23600	3.56	3.3	22600	14200	2.74	2.3
	EN(A,D)W4X36*17**	OLV098A12A	34600	27800	15.2	11.7	1015	600	35600	23800	3.54	3.4	22800	14500	2.72	2.34
	EN(A,D)W4X36*17**	OMV098J12A	34600	28600	15.5	11.7	1038	687	35800	24200	3.56	3.58	23000	14800	2.72	2.4
	EN(A,D)W4X36*17**	OMV112K14A	34800	29400	15.7	12	1034	823	35600	25000	3.6	3.76	22800	15300	2.76	2.48
	EN(A,D)W4X36*17**		34400	29000	14	11.3	1050	840	36000	25600	3.5	3.54	23200	16000	2.68	2.34
	EN(A,D)W4X42*21**	*8MV*0901716**	35400	30000	16.2	12.5	1050	840	35600	25000	3.76	3.88	22600	15300	2.86	2.52
	EN(A,D)W4X42*21**	*8MV*1102120**	35400	30000	16.2	12.5	1050	840	35600	25000	3.76	3.88	22600	15300	2.86	2.52
	EN(A,D)W4X42*21**	*8MX*0902116**	35400	30200	16	12.5	1055	925	35600	25400	3.76	3.9	22600	15600	2.86	2.52
	EN(A,D)W4X42*21**	*9MA*0601714A**	34800	29400	15.5	12	975	780	36000	25200	3.64	3.78	23000	15500	2.76	2.48
	EN(A,D)W4X42*21**	*9MA*0602120A**	34800	29400	15.7	12.5	975	780	35800	25200	3.7	3.82	22800	15500	2.8	2.48
	EN(A,D)W4X42*21**	*9MA*0801714A**	34800	29400	16	12.2	975	780	35800	25200	3.68	3.82	22800	15400	2.8	2.48
	EN(A,D)W4X42*21**	*9MA*0802120A**	35000	29600	16	12.5	975	780	35600	25000	3.74	3.84	22600	15400	2.84	2.5
	EN(A,D)W4X42*21**	*9MA*1002122A**	35000	29600	16	12.5	975	780	35600	25000	3.76	3.86	22600	15300	2.86	2.52
	EN(A,D)W4X42*21**	*9MV*0601714A**	35000	30000	15.5	12	1035	875	35800	25400	3.64	3.8	23000	15600	2.76	2.48
	EN(A,D)W4X42*21**	*9MV*0801716A**	35200	30000	15.7	12.2	1040	885	35800	25400	3.7	3.84	22800	15600	2.8	2.5
	EN(A,D)W4X42*21**	*9MV*0802120A**	35000	30200	16	12.5	995	880	35400	25200	3.7	3.88	22600	15500	2.82	2.52
	EN(A,D)W4X42*21**	*9MV*1002120A**	35000	30000	16	12.5	990	850	35400	25200	3.7	3.86	22400	15400	2.82	2.52
	EN(A,D)W4X42*21**	*9MX*0601714A**	35200	29000	15.7	12	1045	715	35800	24600	3.66	3.66	22800	15000	2.78	2.44
	EN(A,D)W4X42*21**	*9MX*0801716A**	35000	30400	15.5	12.2	1030	965	35600	25600	3.68	3.88	22800	15900	2.8	2.5
	EN(A,D)W4X42*21**	MV12**17C*	35400	29800	16.2	12.5	1060	829	35600	25000	3.78	3.86	22600	15300	2.86	2.52
	EN(A,D)W4X42*21**	MV16**21C*	35400	30000	16.2	12.7	1049	830	35400	25000	3.78	3.88	22600	15200	2.88	2.52
	EN(A,D)W4X42*21**	NOMV106D12*	34800	27200	15.2	12.2	976	550	35400	23800	3.64	3.34	22600	14200	2.78	2.3
	EN(A,D)W4X42*21**	NOMV156E19*	35000	27600	15.5	12.2	999	575	35400	24000	3.7	3.4	22600	14400	2.82	2.34
	EN(A,D)W4X42*21**	OLV098A12A	35000	28000	15.5	11.7	1015	600	35800	24000	3.62	3.46	22800	14500	2.76	2.36
	EN(A,D)W4X42*21**	OLV112A16A	35200	30000	15.7	12	1083	881	36000	25200	3.7	3.86	23000	15600	2.8	2.5
	EN(A,D)W4X42*21**	OMV098J12A	35000	28800	15.7	11.7	1038	687	35800	24400	3.64	3.64	23000	14800	2.76	2.42
	EN(A,D)W4X42*21**	OMV112K14A	35200	29800	16	12.2	1034	823	35600	25000	3.7	3.84	22800	15300	2.8	2.5
	EN(A,D)W4X42*21**		34800	29400	14	11.5	1050	840	36200	25600	3.56	3.58	23200	16100	2.7	2.36
	EN(A,D)W4X48*21**	*8MV*0901716**	36000	30400	16.7	12.7	1050	840	35800	25000	3.9	3.98	22600	15300	2.92	2.56

Unit Size	Indoor Model	Furnace Model	Cooling										Heating											
			Capacity		SEER	EER	ID CFM		High Temp		COP		Capacity		High Temp		COP		Capacity		Low Temp		HSPF	
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low		
			36000	30400	16.7	12.7	1050	840	35800	25200	3.9	3.98	22600	15300	2.92	2.56	35800	25200	3.9	3.98	22600	15300	2.92	2.56
HCH636GKA	EN(A,D,W)4X48*21**	*8MV*1102120**	36000	30400	16.7	12.7	1050	840	35800	25200	3.9	3.98	22600	15300	2.92	2.56	35800	25200	3.9	3.98	22600	15300	2.92	2.56
	EN(A,D,W)4X48*21**	*8MX*0701716**	35800	30800	16	12.5	1080	945	36200	25800	3.82	3.96	23000	15800	2.84	2.52	36000	25600	3.92	4.04	22800	15700	2.92	2.56
	EN(A,D,W)4X48*21**	*8MX*0902116**	36000	31000	16.2	12.7	1090	960	36000	26000	3.78	3.88	23000	15700	2.92	2.56	36200	25200	3.78	3.88	23000	15500	2.82	2.5
	EN(A,D,W)4X48*21**	*9MA*0601714A**	35200	29800	16	12.5	975	780	36000	25200	3.82	3.92	22800	15500	2.86	2.52	36000	25200	3.82	3.92	22800	15500	2.86	2.52
	EN(A,D,W)4X48*21**	*9MA*0602120A**	35400	29800	16.2	12.5	975	780	36000	25200	3.82	3.92	22800	15500	2.86	2.52	36000	25200	3.82	3.92	22800	15500	2.86	2.52
	EN(A,D,W)4X48*21**	*9MA*0801714A**	35400	30000	16.2	12.5	975	780	36000	25200	3.82	3.92	22800	15500	2.86	2.52	36000	25200	3.82	3.92	22800	15500	2.86	2.52
	EN(A,D,W)4X48*21**	*9MA*0802120A**	35600	30000	16.2	12.7	975	780	35800	25200	3.88	3.96	22600	15400	2.9	2.54	35800	25200	3.88	3.96	22600	15400	2.9	2.54
	EN(A,D,W)4X48*21**	*9MA*1002122A**	35600	30000	16.5	12.7	975	780	35800	25200	3.9	3.96	22600	15400	2.92	2.56	35800	25200	3.9	3.96	22600	15400	2.92	2.56
	EN(A,D,W)4X48*21**	*9MV*0601714A**	35600	30600	15.7	12.2	1060	900	36200	25600	3.78	3.92	23000	15700	2.82	2.52	36000	25600	3.84	3.96	23000	15700	2.86	2.54
	EN(A,D,W)4X48*21**	*9MV*0801716A**	35800	30600	16	12.5	1065	910	36000	25600	3.84	3.96	23000	15700	2.86	2.54	36000	25600	3.86	4.02	22600	15600	2.9	2.56
	EN(A,D,W)4X48*21**	*9MV*0802120A**	35800	30800	16.5	12.7	1035	910	35800	25400	3.86	4.02	22600	15600	2.9	2.56	35800	25400	3.86	4.02	22600	15600	2.9	2.56
	EN(A,D,W)4X48*21**	*9MV*1002120A**	35800	30600	16.5	12.7	1030	900	35800	25400	3.88	4.02	22600	15500	2.9	2.56	35800	25400	3.88	4.02	22600	15500	2.9	2.56
	EN(A,D,W)4X48*21**	*9MX*0601714A**	35800	29600	16	12.2	1070	740	36200	24800	3.8	3.8	23000	15100	2.84	2.48	36000	25800	3.82	4	22800	16000	2.86	2.54
	EN(A,D,W)4X48*21**	*9MX*0801716A**	35800	31000	15.7	12.5	1055	990	36000	25800	3.82	3.98	22600	15300	2.92	2.56	35800	25000	3.92	3.98	22600	15300	2.92	2.56
	EN(A,D,W)4X48*21**	MV12**17C*	36000	30400	16.7	12.7	1060	829	35800	25000	3.92	3.98	22600	15300	2.92	2.56	35800	25000	3.92	3.98	22600	15300	2.92	2.56
	EN(A,D,W)4X48*21**	MV16**21C*	36000	30400	16.7	13	1049	830	35800	25000	3.92	3.98	22600	15300	2.92	2.56	35800	25000	3.92	3.98	22600	15300	2.92	2.56
	EN(A,D,W)4X48*21**	NOMV106D12*	35400	27600	15.7	12.5	976	550	35600	23800	3.78	3.42	22600	14300	2.86	2.34	35600	24000	3.82	3.48	22600	14500	2.88	2.36
	EN(A,D,W)4X48*21**	NOMV156E19*	35600	27800	15.7	12.7	999	575	35600	24000	3.82	3.48	22600	14500	2.88	2.36	35600	24000	3.82	3.48	22600	14500	2.88	2.36
	EN(A,D,W)4X48*21**	OLV098A12A	35600	28200	15.7	12.2	1015	600	36000	24000	3.76	3.54	22800	14600	2.82	2.38	36000	24000	3.76	3.54	22800	14600	2.82	2.38
	EN(A,D,W)4X48*21**	OLV112A16A	35800	30600	16.2	12.5	1083	881	36200	25400	3.84	3.96	23000	15600	2.86	2.54	36000	25400	3.84	3.96	23000	15600	2.86	2.54
	EN(A,D,W)4X48*21**	OMV098J12A	35600	29200	16	12.2	1038	687	36000	24600	3.76	3.72	23000	14900	2.82	2.46	35800	25000	3.82	3.94	22800	15300	2.86	2.54
	EN(A,D,W)4X48*21**	OMV112K14A	35800	30200	16.5	12.5	1034	823	35800	25000	3.82	3.94	22800	15300	2.86	2.54	36400	25800	3.66	3.64	23400	16100	2.74	2.38
	EN(A,D,W)4X48*21**		35200	29800	14.5	11.7	1050	840	36400	25800	3.66	3.64	23400	16100	2.74	2.38	35800	25200	3.78	3.9	22800	15400	2.84	2.52
	END4X42*17**		35600	30200	16.2	12.5	1050	840	35800	25200	3.78	3.92	22600	15300	2.88	2.54	35600	25000	3.82	3.76	23200	15200	2.76	2.46
	END4X42*17**	*8MV*0701412**	35600	30200	16.5	12.7	1050	840	35600	25000	3.82	3.68	23200	15200	2.76	2.46	35600	25000	3.82	3.76	23200	15200	2.76	2.46
	END4X42*17**	*8MV*0901716**	35400	29400	15.7	12	1070	750	36200	24800	3.68	3.76	23200	15200	2.76	2.46	36000	25600	3.74	3.88	23000	15800	2.8	2.5
	END4X42*17**	*8MX*0451408**	35400	30400	15.5	12.2	1045	915	36000	25600	3.74	3.82	23000	15600	2.78	2.48	36000	25200	3.7	3.82	23000	15600	2.78	2.48
	END4X42*17**	*9MA*0601714A**	35000	29600	15.7	12	975	780	36000	25200	3.74	3.86	23000	15500	2.82	2.5	36000	25200	3.74	3.86	23000	15500	2.82	2.5
END4X42*17**	*9MA*0801714A**	35200	29800	16	12.5	975	780	36000	25200	3.74	3.86	23000	15500	2.82	2.5	36000	25400	3.7	3.86	23000	15700	2.78	2.48	
END4X42*17**	*9MV*0601714A**	35200	30200	15.7	12	1035	875	36000	25400	3.74	3.9	22800	15600	2.82	2.5	35800	25400	3.74	3.9	22800	15600	2.82	2.5	
END4X42*17**	*9MV*0801716A**	35400	30400	15.7	12.2	1035	890	35800	25400	3.74	3.9	22800	15600	2.82	2.5	36000	25400	3.72	3.7	23000	15000	2.8	2.46	
END4X42*17**	*9MX*0601714A**	35400	29200	16	12	1040	715	36000	24600	3.72	3.7	23000	15000	2.8	2.46	35800	25800	3.74	3.92	22800	15900	2.82	2.5	
END4X42*17**	*9MX*0801716A**	35400	30600	15.5	12.2	1030	965	35800	25800	3.74	3.92	22800	15900	2.82	2.5	35600	25000	3.78	3.88	22600	15300	2.86	2.52	
END4X42*17**	MV08**14C*	35400	30000	16.2	12.5	1016	809	35600	25000	3.78	3.88	22600	15300	2.86	2.52	35800	25000	3.84	3.92	22600	15300	2.88	2.54	
END4X42*17**	MV12**17C*	35800	30200	16.5	12.7	1060	829	35800	25000	3.84	3.92	22600	15300	2.88	2.54	35600	25000	3.7	3.38	22600	14300	2.8	2.32	
END4X42*17**	NOMV106D12*	35200	27400	15.5	12.2	976	550	35600	23800	3.7	3.38	22600	14300	2.8	2.32	35800	24000	3.68	3.5	23000	14600	2.78	2.36	
END4X42*17**	OLV098A12A	35200	28200	15.5	12	1015	600	35800	24000	3.68	3.5	23000	14600	2.78	2.36	36000	24400	3.7	3.68	23000	14900	2.78	2.44	
END4X42*17**	OMV098J12A	35200	29000	16	12	1038	687	36000	24400	3.7	3.68	23000	14900	2.78	2.44	35800	25000	3.74	3.88	22800	15400	2.82	2.52	
END4X42*17**	OMV112K14A	35400	30000	16.2	12.2	1034	823	35800	25000	3.74	3.88	22800	15400	2.82	2.52	36400	25800	3.62	3.62	23400	16100	2.72	2.38	
END4X42*17**		35000	29600	14.2	11.5	1050	840	36400	25800	3.62	3.62	23400	16100	2.72	2.38	35600	25000	3.62	3.62	23400	16100	2.72	2.38	
ENH4X36*17**		34800	29600	15.7	12	1050	840	35600	25000	3.62	3.78	22800	15300	2.78	2.48	35600	25000	3.62	3.78	22800	15300	2.78	2.48	

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	29600	16	12.5	1050	840	35400	24800	3.68	3.82	22600	15200	2.82	2.5	
HCH636GKA	ENH4X36*17**	*8MV*0901716**	35000	29600	16	12.5	1050	840	35400	24800	3.68	3.82	22600	15200	2.82	2.5	9
	ENH4X36*17**	*8MV*1102120**	35000	29600	16	12.5	1050	840	35400	25000	3.68	3.8	22600	15300	2.82	2.5	9
	ENH4X36*17**	*8MV*1352422**	35000	29600	16.2	12.5	1050	840	35400	24800	3.7	3.82	22600	15200	2.84	2.5	9
	ENH4X36*17**	*8MX*0451408**	34600	29000	15.5	11.5	1055	740	35800	24600	3.54	3.64	23000	15100	2.7	2.42	8.8
	ENH4X36*17**	*8MX*0701716**	34600	29800	15.2	12	1030	905	35600	25400	3.58	3.76	22800	15700	2.74	2.46	8.8
	ENH4X36*17**	*8MX*0902116**	35000	29800	15.5	12.5	1035	905	35400	25200	3.66	3.82	22600	15600	2.82	2.48	9
	ENH4X36*17**	*9MA*0601714A**	34400	29200	15.2	12	975	780	35800	25200	3.56	3.72	23000	15500	2.72	2.44	8.8
	ENH4X36*17**	*9MA*0801714A**	34400	29200	15.5	12	975	780	35600	25000	3.6	3.76	22800	15400	2.76	2.46	9
	ENH4X36*17**	*9MA*1202422A**	34600	29200	15.7	12.5	975	780	35400	25000	3.66	3.78	22600	15300	2.8	2.48	9
	ENH4X36*17**	*9MV*0601714A**	34600	29600	15.2	11.7	1020	865	35600	25200	3.56	3.74	22800	15600	2.74	2.46	8.8
	ENH4X36*17**	*9MV*0801716A**	34600	29600	15.5	12	1025	875	35400	25200	3.6	3.78	22800	15500	2.76	2.46	8.8
	ENH4X36*17**	*9MX*0601714A**	34600	28800	15.5	12	1030	710	35600	24400	3.58	3.6	22800	14900	2.74	2.42	8.5
	ENH4X36*17**	*9MX*0801716A**	34600	30000	15.2	12	1020	950	35400	25600	3.58	3.8	22800	15800	2.76	2.46	8.8
	ENH4X36*17**	MV08**14C*	34800	29400	16	12.5	1016	809	35200	24800	3.64	3.78	22600	15200	2.8	2.48	9
	ENH4X36*17**	MV12**17C*	35000	29600	16	12.5	1060	829	35400	25000	3.68	3.8	22600	15200	2.82	2.5	9
	ENH4X36*17**	NOMV106D12*	34600	27000	15.2	12	976	550	35200	23600	3.56	3.3	22600	14200	2.74	2.3	8.2
	ENH4X36*17**	OLV098A12A	34600	27800	15.2	11.7	1015	600	35600	23800	3.54	3.4	22800	14500	2.72	2.34	8.2
	ENH4X36*17**	OLV112A16A	34800	29800	15.5	12	1083	881	35800	25200	3.62	3.78	23000	15500	2.76	2.48	9
	ENH4X36*17**	OLV154F20A	35600	30400	15.7	12	1248	1022	36200	25600	3.76	3.94	23000	15700	2.84	2.54	9
	ENH4X36*17**	OMV098J12A	34600	28600	15.5	11.7	1038	687	35800	24200	3.56	3.58	23000	14800	2.72	2.4	8.5
	ENH4X36*17**	OMV112K14A	34800	29400	15.7	12	1034	823	35600	25000	3.6	3.76	22800	15300	2.76	2.48	9
	ENH4X36*17**		34400	29000	14	11.3	1050	840	36000	25600	3.5	3.54	23200	16000	2.68	2.34	8.5
	ENH4X42*21**	*8MV*0701412**	35200	30000	16	12.5	1050	840	35600	25000	3.72	3.86	22800	15300	2.82	2.5	9
	ENH4X42*21**	*8MV*0901716**	35400	30000	16.2	12.5	1050	840	35600	25000	3.76	3.88	22600	15300	2.86	2.52	9
	ENH4X42*21**	*8MV*1102120**	35400	30000	16.2	12.5	1050	840	35600	25000	3.76	3.88	22600	15300	2.86	2.52	9
	ENH4X42*21**	*8MV*1352422**	35400	30000	16.2	12.7	1050	840	35400	25000	3.78	3.9	22600	15300	2.88	2.54	9
	ENH4X42*21**	*8MX*0451408**	35000	29200	15.7	11.7	1070	745	36000	24800	3.62	3.7	23200	15100	2.74	2.44	9
	ENH4X42*21**	*8MX*0701716**	35000	30200	15.5	12	1045	915	35800	25600	3.68	3.84	22800	15700	2.78	2.48	9
ENH4X42*21**	*8MX*0902116**	35400	30200	16	12.5	1055	925	35600	25400	3.76	3.9	22600	15600	2.86	2.52	9	
ENH4X42*21**	*9MA*0601714A**	34800	29400	15.5	12	975	780	36000	25200	3.64	3.78	23000	15500	2.76	2.48	9	
ENH4X42*21**	*9MA*0602120A**	34800	29400	15.7	12.5	975	780	35800	25200	3.7	3.82	22800	15500	2.8	2.48	9	
ENH4X42*21**	*9MA*0801714A**	34800	29400	16	12.2	975	780	35800	25200	3.68	3.82	22800	15400	2.8	2.48	9	
ENH4X42*21**	*9MA*0802120A**	35000	29600	16	12.5	975	780	35600	25000	3.74	3.84	22600	15400	2.84	2.5	9	
ENH4X42*21**	*9MA*1002122A**	35000	29600	16	12.5	975	780	35600	25000	3.76	3.86	22600	15300	2.86	2.52	9	
ENH4X42*21**	*9MA*1202422A**	35000	29600	16	12.5	975	780	35600	25000	3.74	3.84	22600	15400	2.84	2.5	9	
ENH4X42*21**	*9MV*0601714A**	35000	30000	15.5	12	1035	875	35800	25400	3.64	3.8	23000	15600	2.76	2.48	9	
ENH4X42*21**	*9MV*0801716A**	35200	30000	15.7	12.2	1040	885	35800	25400	3.7	3.84	22800	15600	2.8	2.5	9	
ENH4X42*21**	*9MV*0802120A**	35000	30200	16	12.5	995	880	35400	25200	3.7	3.88	22600	15500	2.82	2.52	9	
ENH4X42*21**	*9MV*1002120A**	35000	30000	16	12.5	990	850	35400	25200	3.7	3.86	22400	15400	2.82	2.52	9	
ENH4X42*21**	*9MX*0601714A**	35200	29000	15.7	12	1045	715	35800	24600	3.66	3.66	22800	15000	2.78	2.44	8.8	
ENH4X42*21**	*9MX*0801716A**	35000	30400	15.5	12.2	1030	965	35600	25600	3.68	3.88	22800	15900	2.8	2.5	9	

Unit Size HCH636GKA		AHRI STANDARD RATINGS												
		Cooling					Heating							
		Capacity		SEER	EER	ID CFM	High Temp		Low Temp		COP	HSPF		
		High	Low				High	Low	High	Low			High	Low
ENH4X42*21**	MV12**17C*	35400	29800	16.2	12.5	1060	829	3.78	3.86	25000	15300	2.86	2.52	9
ENH4X42*21**	MV16**21C*	35400	30000	16.2	12.7	1049	830	3.78	3.88	25000	15200	2.88	2.52	9
ENH4X42*21**	NOMV106D12*	34800	27200	15.2	12.2	976	550	3.64	3.34	23800	14200	2.78	2.3	8.2
ENH4X42*21**	NOMV156E19*	35000	27600	15.5	12.5	999	575	3.7	3.4	24000	14400	2.82	2.34	8.2
ENH4X42*21**	OLV098A12A	35000	28000	15.5	12	1015	600	3.62	3.46	24000	14500	2.76	2.36	8.5
ENH4X42*21**	OLV112A16A	35200	30000	15.7	12	1083	881	3.7	3.86	25200	15600	2.8	2.5	9
ENH4X42*21**	OLV154F20A	36000	30800	16.2	12.5	1248	1022	3.86	4.02	25600	15800	2.88	2.56	9
ENH4X42*21**	OMV098J12A	35000	28800	15.7	12	1038	687	3.64	3.64	24400	14800	2.76	2.42	8.8
ENH4X42*21**	OMV112K14A	35200	29800	16	12.2	1034	823	3.7	3.84	25000	15300	2.8	2.5	9
ENH4X42*21**		34800	29400	14	11.5	1050	840	3.56	3.58	25600	16100	2.7	2.36	8.5
ENH4X48*21**	*8MV*0701412**	35800	30400	16.2	12.5	1050	840	3.84	3.94	25200	15400	2.88	2.54	9
ENH4X48*21**	*8MV*0901716**	36000	30400	16.7	12.7	1050	840	3.9	3.98	25000	15300	2.92	2.56	9
ENH4X48*21**	*8MV*1102120**	36000	30400	16.7	12.7	1050	840	3.9	3.98	25200	15300	2.92	2.56	9
ENH4X48*21**	*8MV*1352422**	36000	30400	16.7	13	1050	840	3.92	4	25000	15300	2.94	2.58	9
ENH4X48*21**	*8MX*0451408**	35800	29800	16	12	1100	765	3.76	3.82	25000	15300	2.8	2.5	9
ENH4X48*21**	*8MX*0701716**	35800	30800	16	12.5	1080	945	3.82	3.96	25800	15800	2.84	2.52	9
ENH4X48*21**	*8MX*0902116**	36000	31000	16.2	12.7	1090	960	3.92	4.04	25600	15700	2.92	2.56	9
ENH4X48*21**	*9MA*0601714A**	35200	29800	16	12.5	975	780	3.78	3.88	25200	15500	2.82	2.5	9
ENH4X48*21**	*9MA*0602120A**	35400	29800	16.2	12.5	975	780	3.82	3.92	25200	15500	2.86	2.52	9
ENH4X48*21**	*9MA*0801714A**	35400	30000	16.2	12.5	975	780	3.82	3.92	25200	15500	2.86	2.52	9
ENH4X48*21**	*9MA*0802120A**	35600	30000	16.2	12.7	975	780	3.88	3.96	25200	15400	2.9	2.54	9
ENH4X48*21**	*9MA*1002122A**	35600	30000	16.5	12.7	975	780	3.9	3.96	25200	15400	2.92	2.56	9
ENH4X48*21**	*9MA*1202422A**	35600	30000	16.2	12.7	975	780	3.88	3.94	25200	15400	2.9	2.54	9
ENH4X48*21**	*9MV*0601714A**	35600	30600	15.7	12.2	1060	900	3.78	3.92	25600	15700	2.82	2.52	9
ENH4X48*21**	*9MV*0801716A**	35800	30600	16	12.5	1065	910	3.84	3.96	25600	15700	2.86	2.54	9
ENH4X48*21**	*9MV*0802120A**	35800	30800	16.5	12.7	1035	910	3.86	4.02	25400	15600	2.9	2.56	9
ENH4X48*21**	*9MV*1002120A**	35800	30600	16.5	12.7	1030	900	3.88	4.02	25400	15500	2.9	2.56	9
ENH4X48*21**	*9MX*0601714A**	35800	29600	16	12.2	1070	740	3.8	3.8	23000	15100	2.84	2.48	9
ENH4X48*21**	*9MX*0801716A**	35800	31000	15.7	12.5	1055	990	3.82	4	22800	16000	2.86	2.54	9
ENH4X48*21**	MV12**17C*	36000	30400	16.7	12.7	1060	829	3.92	3.98	25000	15300	2.92	2.56	9
ENH4X48*21**	MV16**21C*	36000	30400	16.7	13	1049	830	3.92	3.98	25000	15300	2.94	2.56	9
ENH4X48*21**	NOMV106D12*	35400	27600	15.7	12.5	976	550	3.78	3.42	23800	14300	2.86	2.34	8.5
ENH4X48*21**	NOMV156E19*	35600	27800	15.7	12.7	999	575	3.82	3.48	24000	14500	2.88	2.36	8.5
ENH4X48*21**	OLV098A12A	35600	28200	15.7	12.2	1015	600	3.76	3.54	24000	14600	2.82	2.38	8.5
ENH4X48*21**	OLV112A16A	35800	30600	16.2	12.5	1083	881	3.84	3.96	25400	15600	2.86	2.54	9
ENH4X48*21**	OLV154F20A	36600	31200	16.7	12.7	1248	1022	4	4.14	23000	15800	2.94	2.6	9
ENH4X48*21**	OMV098J12A	35600	29200	16	12.2	1038	687	3.76	3.72	23000	14900	2.82	2.46	9
ENH4X48*21**	OMV112K14A	35800	30200	16.5	12.5	1034	823	3.82	3.94	25000	15300	2.86	2.54	9
ENH4X48*21**		35200	29800	14.5	11.7	1050	840	3.66	3.64	23400	16100	2.74	2.38	8.5

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.

AHRI STANDARD RATINGS

Unit Size	Indoor Model *Model Tested	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
			4700	3900	16	12.5	1400	1120	4700	3300	3.68	3.7	29200	19400	2.72	2.34
HCH648GKA	*FVM4X48****		4600	3850	16	12.5	1300	1040	4650	3300	3.66	3.7	29400	19400	2.72	2.34
	FCM4X48****		4700	3900	16.2	12.7	1300	1040	4700	3300	3.8	3.8	29200	19500	2.78	2.38
	FCM4X60****		4750	3950	16.5	12.7	1400	1120	4700	3300	3.8	3.82	29200	19400	2.78	2.38
	FVM4X60****		4550	3800	15.5	12	1300	1040	4700	3320	3.64	3.68	29800	19700	2.66	2.32
	EA*4X48*17A*	*8MV*0901716**	4500	3800	14.7	11.5	1255	1085	4700	3320	3.52	3.56	29600	19800	2.6	2.26
	EA*4X48*17A*	*9MV*0801716A**	4550	3800	14.7	11.3	1350	1045	4750	3300	3.52	3.54	30000	19700	2.58	2.26
	EA*4X48*17A*	*9MX*0801716A**	4550	3800	14	11.5	1400	1120	4750	3380	3.56	3.48	30000	20400	2.6	2.22
	EA*4X48*17A*	*8MV*0901716**	4500	3800	15.5	12	1300	1040	4700	3300	3.58	3.62	29600	19600	2.64	2.3
	EA*4X48*21A*	*8MV**1102120**	4550	3800	15.5	12	1300	1040	4700	3300	3.6	3.64	29600	19500	2.66	2.3
	EA*4X48*21A*	*9MA*0602120A**	4500	3750	14.7	11.5	1300	1040	4750	3320	3.5	3.56	30000	19800	2.58	2.26
	EA*4X48*21A*	*9MA*0802120A**	4500	3800	15.2	11.7	1300	1040	4700	3300	3.58	3.6	29600	19600	2.64	2.3
	EA*4X48*21A*	*9MA*1002122A**	4500	3800	15.2	12	1300	1040	4700	3300	3.6	3.62	29600	19600	2.66	2.3
	EA*4X48*21A*	*9MV*0801716A**	4450	3800	14.7	11.5	1265	1095	4650	3320	3.46	3.52	29600	19800	2.58	2.26
	EA*4X48*21A*	*9MV*0802120A**	4500	3800	15.2	12	1230	1090	4600	3300	3.52	3.58	29000	19600	2.62	2.28
	EA*4X48*21A*	*9MV**1002120A**	4450	3800	15.2	12	1215	1075	4600	3280	3.52	3.58	29000	19500	2.62	2.28
	EA*4X48*21A*	*9MX*0801716A**	4500	3750	14.7	11.3	1365	1055	4700	3300	3.48	3.52	30000	19600	2.58	2.26
	EA*4X48*21A*	*9MX*0802120A**	4550	3850	15	11.7	1385	1240	4700	3360	3.58	3.66	29600	20000	2.64	2.3
	EA*4X48*21A*	*9MX**1002120A**	4550	3850	15.2	12	1360	1180	4650	3320	3.58	3.64	29400	19800	2.64	2.3
	EA*4X48*21A*	MV16**21C*	4550	3850	15.5	12.2	1404	1114	4700	3280	3.64	3.66	29400	19400	2.68	2.32
	EA*4X48*21A*	NOMV16E19*	4550	3540	15	11.7	1355	721	4700	3080	3.54	3.14	29600	17900	2.62	2.1
	EA*4X48*21A*	OLV112A16A	4550	3800	14.7	11.2	1449	1169	4750	3340	3.5	3.56	30200	20000	2.56	2.26
	EA*4X48*21A*		4500	3750	13.7	11.3	1400	1120	4750	3360	3.5	3.42	30000	20400	2.58	2.2
	EA*4X48*24A*	*8MV**1102120**	4550	3800	15.5	12	1300	1040	4700	3300	3.62	3.66	29400	19500	2.66	2.32
	EA*4X48*24A*	*8MV**1352422**	4550	3800	15.7	12.2	1300	1040	4650	3280	3.66	3.68	29400	19400	2.7	2.32
	EA*4X48*24A*	*9MA*0602120A**	4500	3750	15	11.5	1300	1040	4750	3320	3.52	3.56	30000	19800	2.58	2.28
	EA*4X48*24A*	*9MA*0802120A**	4500	3800	15.2	12	1300	1040	4700	3300	3.6	3.62	29600	19600	2.64	2.3
	EA*4X48*24A*	*9MA*1002122A**	4550	3800	15.5	12	1300	1040	4700	3300	3.62	3.64	29400	19500	2.66	2.3
	EA*4X48*24A*	*9MA*1202422A**	4500	3800	15.2	12	1300	1040	4700	3300	3.6	3.62	29600	19600	2.66	2.3
	EA*4X48*24A*	*9MV*0802120A**	4500	3800	15.2	12	1250	1110	4600	3300	3.54	3.6	29000	19600	2.64	2.3
	EA*4X48*24A*	*9MV**1002120A**	4500	3800	15.2	12	1230	1090	4600	3300	3.52	3.6	29000	19500	2.64	2.3
	EA*4X48*24A*	*9MV**1202422A**	4500	3800	15.2	12	1270	1115	4600	3300	3.56	3.62	29200	19600	2.64	2.3
	EA*4X48*24A*	*9MX*0802120A**	4550	3900	14.5	11.7	1405	1405	4700	3420	3.6	3.68	29600	20600	2.64	2.3
	EA*4X48*24A*	*9MX**1002120A**	4550	3900	14.7	12	1380	1380	4700	3400	3.6	3.68	29400	20600	2.66	2.3
	EA*4X48*24A*	*9MX**1202422A**	4550	3900	15	12	1410	1285	4700	3360	3.6	3.68	29600	20200	2.66	2.32
	EA*4X48*24A*	MV16**21C*	4550	3850	15.7	12.2	1404	1114	4650	3280	3.64	3.66	29400	19400	2.68	2.32
	EA*4X48*24A*	MV20**24C*	4500	3850	15.7	12.2	1339	1116	4650	3280	3.62	3.68	29200	19400	2.68	2.34
	EA*4X48*24A*	NOMV16E19*	4550	3540	15	11.7	1355	721	4700	3080	3.56	3.14	29600	17900	2.64	2.1
	EA*4X48*24A*	OLV112A16A	4550	3850	14.7	11.3	1449	1169	4750	3340	3.52	3.58	30200	20000	2.58	2.28
	EA*4X48*24A*	OLV154F20A	4650	3900	15.2	11.5	1669	1330	4800	3360	3.64	3.74	30200	20200	2.64	2.34
	EA*4X48*24A*	OMV154L20A	4500	3800	15.5	12	1376	1112	4700	3300	3.6	3.62	29400	19500	2.66	2.3

Unit Size HCH648GKA		AHRI STANDARD RATINGS														
		Cooling						Heating								
		Capacity		SEER	EER	ID CFM		High Temp		Low Temp		COP	HSPF			
		High	Low			High	Low	High	Low	High	Low			High	Low	
EA*4X60*21A*	EA*4X60*21A*	45000	37500	13.7	11.3	1400	1120	47500	33600	3.5	3.42	30000	20400	2.58	2.2	8.2
EA*4X60*21A*	EA*4X60*21A*	46000	38000	15.7	12.2	1300	1040	47000	33200	3.64	3.7	29600	19600	2.68	2.34	8.8
EA*4X60*21A*	EA*4X60*21A*	46500	38500	15.7	12.2	1300	1040	47000	33000	3.66	3.72	29600	19600	2.7	2.34	8.8
EA*4X60*21A*	EA*4X60*21A*	46000	38000	15.2	11.7	1300	1040	47500	33400	3.54	3.62	30000	19900	2.62	2.3	8.5
EA*4X60*21A*	EA*4X60*21A*	46000	38000	15.5	12.2	1300	1040	47000	33200	3.62	3.68	29800	19700	2.68	2.32	8.8
EA*4X60*21A*	EA*4X60*21A*	46000	38000	15.7	12.2	1300	1040	47000	33200	3.66	3.7	29600	19600	2.7	2.34	8.8
EA*4X60*21A*	EA*4X60*21A*	46000	38500	15	11.7	1280	1105	47000	33400	3.52	3.6	29600	19900	2.62	2.28	8.5
EA*4X60*21A*	EA*4X60*21A*	46000	38500	15.5	12.2	1245	1105	46500	33200	3.58	3.66	29200	19700	2.68	2.32	8.8
EA*4X60*21A*	EA*4X60*21A*	46000	38500	15.5	12.2	1230	1090	46000	33000	3.58	3.66	29200	19600	2.68	2.32	8.5
EA*4X60*21A*	EA*4X60*21A*	46000	38000	15	11.5	1375	1065	47500	33200	3.54	3.58	30000	19700	2.62	2.28	8.5
EA*4X60*21A*	EA*4X60*21A*	46500	39000	15.2	12	1400	1255	47000	33800	3.64	3.74	29600	20200	2.68	2.34	8.8
EA*4X60*21A*	EA*4X60*21A*	46500	39000	15.5	12.2	1375	1195	47000	33400	3.64	3.72	29600	19900	2.68	2.34	8.8
EA*4X60*21A*	EA*4X60*21A*	46500	39000	16	12.5	1404	1114	47000	33000	3.68	3.74	29400	19500	2.72	2.36	8.8
EA*4X60*21A*	EA*4X60*21A*	46500	35800	15	12	1355	721	47000	31000	3.6	3.2	29600	18000	2.66	2.12	8
EA*4X60*21A*	EA*4X60*21A*	46500	38500	15	11.5	1449	1169	47500	33600	3.54	3.64	30200	20000	2.6	2.3	8.5
EA*4X60*21A*	EA*4X60*21A*	46000	38000	14	11.5	1400	1120	47500	33800	3.54	3.48	30000	20400	2.62	2.22	8.5
EA*4X60*24A*	EA*4X60*24A*	46500	38500	15.7	12.2	1300	1040	47000	33000	3.66	3.72	29600	19600	2.7	2.34	8.8
EA*4X60*24A*	EA*4X60*24A*	46500	38500	16	12.5	1300	1040	47000	33000	3.7	3.74	29400	19500	2.74	2.36	8.8
EA*4X60*24A*	EA*4X60*24A*	46000	38000	15.2	11.7	1300	1040	47500	33400	3.56	3.62	30000	19900	2.62	2.3	8.5
EA*4X60*24A*	EA*4X60*24A*	46000	38000	15.5	12.2	1300	1040	47000	33200	3.64	3.68	29600	19700	2.68	2.32	8.8
EA*4X60*24A*	EA*4X60*24A*	46000	38000	15.7	12.2	1300	1040	47000	33200	3.66	3.7	29600	19600	2.7	2.34	8.8
EA*4X60*24A*	EA*4X60*24A*	46000	38000	15.5	12.2	1300	1040	47000	33200	3.64	3.68	29600	19700	2.68	2.32	8.8
EA*4X60*24A*	EA*4X60*24A*	46000	38500	15.5	12.2	1250	1110	46500	33200	3.58	3.68	29200	19700	2.68	2.32	8.8
EA*4X60*24A*	EA*4X60*24A*	46000	38500	15.5	12.2	1235	1095	46000	33200	3.58	3.66	29200	19600	2.68	2.32	8.8
EA*4X60*24A*	EA*4X60*24A*	46000	38500	15.5	12.2	1270	1115	46500	33200	3.6	3.68	29200	19700	2.68	2.32	8.8
EA*4X60*24A*	EA*4X60*24A*	46500	39500	15.2	12	1410	1260	47000	33800	3.64	3.74	29600	20200	2.68	2.34	8.8
EA*4X60*24A*	EA*4X60*24A*	46500	39000	15.5	12.2	1385	1200	47000	33400	3.64	3.74	29600	19900	2.7	2.34	8.8
EA*4X60*24A*	EA*4X60*24A*	46500	39500	15.2	12.2	1415	1290	47000	33800	3.66	3.76	29600	20200	2.7	2.34	8.8
EA*4X60*24A*	EA*4X60*24A*	46500	39000	15.7	12.5	1404	1114	47000	33000	3.7	3.74	29400	19500	2.72	2.36	8.8
EA*4X60*24A*	EA*4X60*24A*	46000	39000	16	12.5	1339	1116	46500	33000	3.66	3.74	29200	19500	2.72	2.36	8.8
EA*4X60*24A*	EA*4X60*24A*	46500	35800	15	12	1355	721	47000	31000	3.6	3.18	29600	18000	2.66	2.12	8
EA*4X60*24A*	EA*4X60*24A*	46500	38500	15	11.5	1449	1169	47500	33600	3.56	3.64	30200	20000	2.62	2.3	8.8
EA*4X60*24A*	EA*4X60*24A*	47500	39500	15.5	12	1669	1330	48000	33800	3.74	3.82	30400	20200	2.68	2.36	9
EA*4X60*24A*	EA*4X60*24A*	46000	38500	15.7	12.2	1376	1112	47000	33200	3.64	3.7	29600	19600	2.7	2.34	8.8
EA*4X60*24A*	EA*4X60*24A*	46000	38000	14	11.5	1400	1120	47500	33800	3.54	3.48	30000	20400	2.62	2.22	8.5
EHD4X48A**	EHD4X48A**	46000	38500	15.5	12	1300	1040	47000	33200	3.62	3.66	29600	19600	2.66	2.32	8.8
EHD4X48A**	EHD4X48A**	46000	38500	15.7	12.2	1300	1040	47000	33000	3.64	3.68	29600	19600	2.68	2.32	8.8
EHD4X48A**	EHD4X48A**	46000	38500	15.7	12.5	1300	1040	47000	33000	3.68	3.7	29400	19500	2.7	2.34	9
EHD4X48A**	EHD4X48A**	45500	38000	14.7	11.2	1425	1070	48000	33200	3.48	3.54	30400	19800	2.56	2.26	8.5
EHD4X48A**	EHD4X48A**	46000	38500	15.5	12	1390	1080	47000	33000	3.64	3.64	29600	19500	2.66	2.32	8.8
EHD4X48A**	EHD4X48A**	46000	39500	15.2	12.2	1340	1345	46500	34000	3.64	3.74	29400	20400	2.68	2.34	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	
			46000	39000	15.2	12	1360	1200	47000	33400	3.62	3.7	29600	20000	2.66	2.32	8.8
	EHD4X48A**	*8MX*1352420**	46000	39000	15.2	12	1360	1200	47000	33400	3.62	3.7	29600	20000	2.66	2.32	8.8
	EHD4X48A**	*9MA*0602120A**	45500	38000	15	11.7	1300	1040	47500	33400	3.54	3.6	30200	19900	2.6	2.28	8.5
	EHD4X48A**	*9MA*0802120A**	45500	38000	15.5	12	1300	1040	47000	33200	3.62	3.64	29800	19700	2.64	2.3	8.8
	EHD4X48A**	*9MA*1002122A**	46000	38000	15.5	12.2	1300	1040	47000	33200	3.64	3.66	29600	19600	2.68	2.32	8.8
	EHD4X48A**	*9MA*1202422A**	46000	38000	15.5	12	1300	1040	47000	33200	3.62	3.64	29800	19700	2.66	2.3	8.8
	EHD4X48A**	*9MV*0801716A**	45500	38500	15	11.7	1265	1090	46500	33200	3.52	3.56	29600	19800	2.6	2.26	8.5
	EHD4X48A**	*9MV*0802120A**	45500	38500	15.2	12	1225	1085	46000	33000	3.56	3.62	29200	19600	2.64	2.3	8.5
	EHD4X48A**	*9MV*1002120A**	45000	38500	15.2	12	1205	1070	46000	33000	3.56	3.6	29000	19600	2.64	2.3	8.5
	EHD4X48A**	*9MV*1202422A**	45500	38500	15.5	12	1240	1090	46500	33000	3.58	3.62	29200	19600	2.66	2.3	8.5
	EHD4X48A**	*9MX*0801716A**	45500	38000	15	11.5	1360	1050	47500	33000	3.52	3.54	30000	19600	2.58	2.26	8.5
	EHD4X48A**	*9MX*0802120A**	46000	39000	15.2	12	1380	1235	47000	33600	3.62	3.7	29600	20200	2.66	2.32	8.8
	EHD4X48A**	*9MX*1002120A**	46000	39000	15.2	12	1350	1175	47000	33400	3.62	3.68	29600	19900	2.66	2.32	8.8
	EHD4X48A**	*9MX*1202422A**	46000	39000	15.2	12	1375	1255	47000	33600	3.62	3.7	29600	20200	2.66	2.32	8.8
	EHD4X48A**	MV16**21C*	46000	39000	15.7	12.2	1404	1114	47000	33000	3.68	3.7	29400	19500	2.7	2.34	8.8
	EHD4X48A**	MV20**24C*	45500	39000	16	12.2	1339	1116	46500	33000	3.66	3.7	29400	19500	2.68	2.34	8.8
	EHD4X48A**	NOMV156E19*	46000	35800	15	12	1355	721	47000	31000	3.58	3.16	29600	18000	2.64	2.12	8
	EHD4X48A**	OLV112A16A	46000	38500	14.7	11.3	1449	1169	48000	33600	3.54	3.6	30400	20200	2.58	2.28	8.5
	EHD4X48A**	OLV154F20A	47000	39500	15.2	11.7	1669	1330	48000	33800	3.66	3.76	30400	20200	2.66	2.34	9
	EHD4X48A**	OMV154L20A	45500	38500	15.5	12	1376	1112	47000	33000	3.62	3.66	29600	19600	2.66	2.32	8.8
	EHD4X48A**		46500	38000	14	11.5	1600	1120	48000	33800	3.62	3.46	30400	20400	2.62	2.2	8.5
	EHD4X60A**	*8MV*0901716**	46500	38500	16	12.5	1300	1040	47000	33200	3.68	3.72	29600	19600	2.7	2.34	9
	EHD4X60A**	*8MV*1102120**	46500	38500	16	12.5	1300	1040	47000	33200	3.72	3.74	29600	19600	2.72	2.34	9
	EHD4X60A**	*8MV*1352422**	46500	38500	16.2	12.5	1300	1040	47000	33000	3.74	3.76	29400	19500	2.74	2.36	9
	EHD4X60A**	*8MX*0701716**	46500	38500	15.2	11.3	1465	1095	48000	33400	3.56	3.62	30600	19800	2.6	2.3	8.5
	EHD4X60A**	*8MX*0902116**	47000	39000	16	12.2	1430	1105	47500	33000	3.7	3.72	29600	19600	2.7	2.34	8.8
	EHD4X60A**	*8MX*1102120**	47000	40000	15.5	12.5	1395	1390	47000	34000	3.74	3.84	29400	20600	2.74	2.38	9
	EHD4X60A**	*8MX*1352420**	47000	39500	15.7	12.5	1420	1250	47000	33600	3.72	3.8	29600	20000	2.72	2.36	9
	EHD4X60A**	*9MA*0602120A**	46000	39000	15.2	12	1300	1122	47500	33400	3.6	3.64	30000	19900	2.64	2.3	8.8
	EHD4X60A**	*9MA*0802120A**	46500	38500	15.7	12.2	1300	1040	47000	33200	3.68	3.7	29600	19700	2.7	2.34	9
	EHD4X60A**	*9MA*1002122A**	46500	38500	16	12.2	1300	1040	47000	33200	3.7	3.72	29600	19600	2.72	2.34	9
	EHD4X60A**	*9MA*1202422A**	46500	38500	15.7	12.2	1300	1040	47000	33200	3.68	3.7	29600	19700	2.7	2.34	9
	EHD4X60A**	*9MV*0801716A**	46000	39000	15.2	12	1290	1110	47000	33400	3.56	3.62	29600	19900	2.64	2.3	8.5
	EHD4X60A**	*9MV*0802120A**	46000	39000	15.7	12.5	1260	1115	46500	33200	3.62	3.7	29200	19700	2.7	2.32	8.8
	EHD4X60A**	*9MV*1002120A**	46000	39000	15.7	12.5	1240	1100	46500	33200	3.62	3.68	29200	19600	2.68	2.32	8.8
	EHD4X60A**	*9MV*1202422A**	46500	39000	15.7	12.5	1280	1120	46500	33200	3.64	3.7	29200	19700	2.7	2.34	8.8
	EHD4X60A**	*9MX*0801716A**	46500	38500	15.2	11.7	1390	1070	47500	33200	3.58	3.62	30000	19700	2.62	2.3	8.5
	EHD4X60A**	*9MX*0802120A**	47000	39500	15.5	12.2	1420	1265	47000	33800	3.68	3.76	29800	20200	2.7	2.34	9
	EHD4X60A**	*9MX*1002120A**	47000	39500	15.7	12.2	1400	1210	47000	33600	3.7	3.76	29600	20000	2.7	2.34	9
	EHD4X60A**	*9MX*1202422A**	47000	40000	15.5	12.2	1430	1300	47000	33800	3.7	3.78	29600	20400	2.7	2.36	9
	EHD4X60A**	MV16**21C*	46500	39000	16	12.5	1404	1114	47000	33000	3.74	3.76	29400	19500	2.74	2.36	8.8
	EHD4X60A**	MV20**24C*	46500	39000	16.2	12.5	1339	1116	46500	33000	3.7	3.76	29200	19500	2.72	2.36	8.8

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
HCH648GKA	EN(A,D,W)4X48*21**	*9MX*1002120A**	46000	38500	15.2	12	1385	1205	46500	33400	3.6	3.68	29400	19900	2.66	2.32	8.8
	EN(A,D,W)4X48*21**	MV16**21C*	45500	38500	15.7	12.2	1404	1114	46500	32800	3.66	3.68	29400	19400	2.7	2.34	8.8
	EN(A,D,W)4X48*21**	NOMV156E19*	45500	35600	15	12	1355	721	46500	30800	3.56	3.16	29400	18000	2.64	2.12	8
	EN(A,D,W)4X48*21**	OLV112A16A	45500	38500	14.7	11.3	1449	1169	47500	33400	3.52	3.6	30200	20000	2.58	2.28	8.5
	EN(A,D,W)4X48*21**		45500	38000	14.7	11.3	1400	1120	47500	33200	3.5	3.56	30000	19800	2.58	2.26	8.5
	EN(A,D,W)4X60*24**	*8MV*1102120**	46500	38500	16	12.5	1300	1040	47000	33000	3.66	3.72	29400	19500	2.72	2.34	9
	EN(A,D,W)4X60*24**	*8MV*1352422**	46500	38500	16	12.5	1300	1040	46500	33000	3.7	3.74	29400	19500	2.74	2.36	9
	EN(A,D,W)4X60*24**	*8MX*0902116**	46500	39000	15.7	12.2	1430	1115	47000	33000	3.64	3.7	29600	19600	2.7	2.34	9
	EN(A,D,W)4X60*24**	*8MX*1102120**	46500	39000	16	12.5	1395	1145	46500	33200	3.68	3.74	29400	19600	2.72	2.36	9
	EN(A,D,W)4X60*24**	*8MX*1352420**	46500	39500	15.7	12.2	1420	1255	47000	33600	3.66	3.78	29600	20000	2.7	2.36	9
	EN(A,D,W)4X60*24**	*9MA*0602120A**	46000	38000	15.2	12	1300	1040	47500	33200	3.56	3.64	30000	19800	2.62	2.3	8.5
	EN(A,D,W)4X60*24**	*9MA*0802120A**	46000	38500	15.7	12.2	1300	1040	47000	33200	3.64	3.7	29600	19600	2.68	2.34	8.8
	EN(A,D,W)4X60*24**	*9MA*1002122A**	46000	38500	15.7	12.2	1300	1040	47000	33000	3.66	3.7	29400	19600	2.7	2.34	9
	EN(A,D,W)4X60*24**	*9MA*1202422A**	46000	38500	15.7	12.2	1300	1040	47000	33200	3.64	3.7	29600	19600	2.7	2.34	9
	EN(A,D,W)4X60*24**	*9MV*0802120A**	46000	39000	15.5	12.5	1265	1125	46500	33200	3.58	3.68	29200	19700	2.68	2.32	8.8
	EN(A,D,W)4X60*24**	*9MV*1002120A**	46000	38500	15.7	12.5	1245	1110	46000	33200	3.58	3.68	29200	19600	2.68	2.32	8.8
	EN(A,D,W)4X60*24**	*9MV*1202422A**	46000	39000	15.7	12.5	1285	1130	46500	33200	3.6	3.7	29200	19700	2.7	2.34	8.8
	EN(A,D,W)4X60*24**	*9MX*0802120A**	46500	39500	15.2	12	1420	1270	47000	33800	3.64	3.74	29600	20200	2.68	2.34	9
	EN(A,D,W)4X60*24**	*9MX*1002120A**	46500	39000	15.5	12.2	1400	1215	47000	33400	3.64	3.74	29600	20000	2.7	2.34	9
	EN(A,D,W)4X60*24**	*9MX*1202422A**	46500	39500	15.2	12.2	1425	1305	47000	33800	3.64	3.76	29600	20200	2.7	2.34	9
	EN(A,D,W)4X60*24**	MV16**21C*	46500	39000	16	12.5	1404	1114	47000	33000	3.68	3.74	29400	19500	2.72	2.36	9
	EN(A,D,W)4X60*24**	MV20**24C*	46000	39000	16	12.5	1339	1116	46500	33000	3.66	3.76	29200	19400	2.72	2.36	8.8
	EN(A,D,W)4X60*24**	NOMV156E19*	46500	35800	15	12	1355	721	47000	31000	3.6	3.2	29600	18000	2.68	2.14	8.2
	EN(A,D,W)4X60*24**	OLV112A16A	46500	39000	15	11.5	1449	1169	47500	33400	3.56	3.66	30200	20000	2.62	2.3	8.8
EN(A,D,W)4X60*24**	OLV154F20A	47500	40000	15.5	12	1669	1330	48000	33800	3.68	3.82	30200	20200	2.68	2.38	9	
EN(A,D,W)4X60*24**	OMV154L20A	46000	39000	15.7	12.2	1376	1112	47000	33000	3.64	3.7	29400	19600	2.7	2.34	8.8	
EN(A,D,W)4X60*24**		46000	38500	15.2	11.5	1400	1120	47500	33200	3.54	3.64	30000	19800	2.62	2.3	8.8	
ENH4X48*21**		*8MV*0901716**	45500	38000	15.5	12	1300	1040	47000	33000	3.6	3.64	29600	19500	2.66	2.32	8.8
ENH4X48*21**		*8MV*1102120**	45500	38000	15.7	12.2	1300	1040	46500	33000	3.62	3.66	29400	19500	2.68	2.32	8.8
ENH4X48*21**		*8MV*1352422**	45500	38000	15.7	12.5	1300	1040	46500	32800	3.66	3.68	29200	19400	2.7	2.34	8.8
ENH4X48*21**		*8MX*0701716**	45500	38000	14.7	11.2	1455	1095	48000	33200	3.46	3.54	30400	19700	2.54	2.26	8.5
ENH4X48*21**		*8MX*0902116**	46000	38500	15.5	12	1420	1105	47000	33000	3.62	3.64	29600	19500	2.66	2.32	8.8
ENH4X48*21**		*8MX*1102120**	46000	38500	15.7	12.2	1380	1130	46500	33000	3.64	3.68	29200	19500	2.68	2.32	8.8
ENH4X48*21**		*8MX*1352420**	46000	39000	15.2	12	1400	1235	47000	33400	3.62	3.7	29400	19900	2.66	2.32	8.8
ENH4X48*21**		*9MA*0602120A**	45000	38000	15	11.7	1300	1040	47000	33200	3.52	3.58	30000	19800	2.58	2.28	8.5
ENH4X48*21**		*9MA*0802120A**	45500	38000	15.2	12	1300	1040	47000	33000	3.6	3.64	29600	19600	2.64	2.3	8.5
ENH4X48*21**		*9MA*1002122A**	45500	38000	15.5	12.2	1300	1040	47000	33000	3.62	3.64	29400	19500	2.66	2.32	8.8
ENH4X48*21**		*9MA*1202422A**	45500	38000	15.5	12	1300	1040	47000	33000	3.6	3.64	29600	19600	2.66	2.3	8.5
ENH4X48*21**		*9MV*0801716A**	45000	38000	15	11.7	1280	1105	46500	33200	3.5	3.54	29600	19800	2.6	2.26	8.5
ENH4X48*21**		*9MV*0802120A**	45000	38500	15.2	12	1250	1110	46000	33000	3.54	3.62	29000	19600	2.64	2.3	8.5
ENH4X48*21**		*9MV*1002120A**	45000	38000	15.2	12	1235	1095	46000	33000	3.54	3.6	29000	19500	2.64	2.3	8.5

Unit Size HCH648GKA		AHRI STANDARD RATINGS														
		Cooling						Heating								
		Capacity		SEER	EER	ID CFM		Capacity		COP		Capacity		COP		
		High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	
Indoor Model	Furnace Model	45500	38000	15	11.3	1380	1065	47000	33000	3.5	3.54	30000	19600	2.58	2.26	8.5
ENH4X48*21**	*9MX*0801716A**	46000	39000	15.2	12	1410	1260	47000	33600	3.6	3.68	29600	20000	2.66	2.32	8.8
ENH4X48*21**	*9MX*0802120A**	46000	38500	15.2	12	1385	1205	46500	33400	3.6	3.68	29400	19900	2.66	2.32	8.8
ENH4X48*21**	*9MX*1002120A**	46000	39000	15.2	12	1415	1290	47000	33600	3.62	3.7	29600	20200	2.66	2.32	8.8
ENH4X48*21**	*9MX*1202422A**	45500	38500	15.7	12.2	1404	1114	46500	32800	3.66	3.68	29400	19400	2.7	2.34	8.8
ENH4X48*21**	MV16**21C*	45500	35600	15	12	1355	721	46500	30800	3.56	3.16	29400	18000	2.64	2.12	8
ENH4X48*21**	NOMV156E19*	45500	38500	14.7	11.3	1449	1169	47500	33400	3.52	3.6	30200	20000	2.58	2.28	8.5
ENH4X48*21**	OLV112A16A	46500	39500	15.2	11.7	1669	1330	48000	33600	3.64	3.76	30200	20200	2.66	2.34	8.8
ENH4X48*21**	OLV154F20A	45500	38000	14.7	11.3	1400	1120	47500	33200	3.5	3.56	30000	19800	2.58	2.26	8.5
ENH4X60*24**	*8MV*0901716**	46000	38500	15.7	12.5	1300	1040	47000	33000	3.64	3.7	29600	19600	2.68	2.34	9
ENH4X60*24**	*8MV*1102120**	46500	38500	16	12.5	1300	1040	47000	33000	3.66	3.72	29400	19500	2.72	2.34	9
ENH4X60*24**	*8MV*1352422**	46500	38500	16	12.5	1300	1040	46500	33000	3.7	3.74	29400	19500	2.74	2.36	9
ENH4X60*24**	*8MX*0701716**	46000	38500	15	11.3	1465	1100	48000	33200	3.5	3.6	30400	19800	2.58	2.28	8.5
ENH4X60*24**	*8MX*0902116**	46500	39000	15.7	12.2	1430	1115	47000	33000	3.64	3.7	29600	19600	2.7	2.34	9
ENH4X60*24**	*8MX*1102120**	46500	40000	15.5	12.5	1395	1390	46500	34000	3.68	3.8	29400	20400	2.72	2.36	9
ENH4X60*24**	*8MX*1352420**	46500	39500	15.7	12.2	1420	1255	47000	33600	3.66	3.78	29600	20000	2.7	2.36	9
ENH4X60*24**	*9MA*0602120A**	46000	38000	15.2	12	1300	1040	47500	33200	3.56	3.64	30000	19800	2.62	2.3	8.5
ENH4X60*24**	*9MA*0802120A**	46000	38500	15.7	12.2	1300	1040	47000	33200	3.64	3.7	29600	19600	2.68	2.34	8.8
ENH4X60*24**	*9MA*1002122A**	46000	38500	15.7	12.2	1300	1040	47000	33000	3.66	3.7	29400	19600	2.7	2.34	9
ENH4X60*24**	*9MA*1202422A**	46000	38500	15.7	12.2	1300	1040	47000	33200	3.64	3.7	29600	19600	2.7	2.34	9
ENH4X60*24**	*9MV*0802120A**	46000	39000	15.5	12.5	1265	1125	46500	33200	3.6	3.68	29200	19700	2.68	2.32	8.8
ENH4X60*24**	*9MV*1002120A**	46000	38500	15.7	12.5	1245	1110	46000	33200	3.58	3.68	29200	19600	2.68	2.32	8.8
ENH4X60*24**	*9MV*1202422A**	46000	39000	15.7	12.5	1285	1130	46500	33200	3.6	3.7	29200	19700	2.7	2.34	8.8
ENH4X60*24**	*9MX*0801716A**	46000	38500	15.2	11.5	1390	1075	47500	33200	3.54	3.6	30000	19700	2.62	2.28	8.5
ENH4X60*24**	*9MX*0802120A**	46500	39500	15.2	12	1420	1270	47000	33800	3.64	3.74	29600	20200	2.68	2.34	9
ENH4X60*24**	*9MX*1002120A**	46500	39000	15.5	12.2	1400	1215	47000	33400	3.64	3.74	29600	20000	2.7	2.34	9
ENH4X60*24**	*9MX*1202422A**	46500	39500	15.2	12.2	1425	1305	47000	33800	3.64	3.76	29600	20200	2.7	2.34	9
ENH4X60*24**	MV16**21C*	46500	39000	16	12.5	1404	1114	47000	33000	3.68	3.74	29400	19500	2.72	2.36	9
ENH4X60*24**	MV20**24C*	46000	39000	16	12.5	1339	1116	46500	33000	3.66	3.76	29200	19400	2.72	2.36	8.8
ENH4X60*24**	NOMV156E19*	46500	35800	15	12	1355	721	47000	31000	3.6	3.2	29600	18000	2.68	2.14	8
ENH4X60*24**	OLV112A16A	46500	39000	15	11.5	1449	1169	47500	33400	3.56	3.66	30200	20000	2.62	2.3	8.8
ENH4X60*24**	OLV154F20A	47500	40000	15.5	12	1669	1330	48000	33800	3.68	3.82	30200	20200	2.68	2.38	9
ENH4X60*24**	OMV154L20A	46000	39000	15.7	12.2	1376	1112	47000	33000	3.64	3.7	29400	19600	2.7	2.34	8.8
ENH4X60*24**		46000	38500	15.2	11.5	1400	1120	47500	33200	3.54	3.64	30000	19800	2.62	2.3	8.8

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.

AHRI STANDARD RATINGS

Unit Size	Indoor Model *Model Tested	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
			5650	4600	16	12.5	1750	1400	58000	39500	3.72	3.76	36000	23400	2.76	2.38
HCH660GKA	*FVM4X60***		5550	4550	16	12.7	1625	1300	58000	39500	3.72	3.74	36000	23400	2.76	2.38
	FCM4X60***		5500	4500	15.2	12	1625	1300	58500	40000	3.54	3.62	36800	23800	2.66	2.32
	EA*4X60*21A*	*8MV**1102120**	5500	4500	15	12	1670	1336	58000	39500	3.56	3.68	36200	23600	2.7	2.36
	EA*4X60*21A*	*8MX**1102120**	5450	4450	15.2	12	1635	1255	58000	39000	3.52	3.56	36200	23200	2.68	2.3
	EA*4X60*21A*	*8MX**1352420**	5400	4400	14.2	11.2	1625	1300	59500	40500	3.38	3.5	37600	24200	2.54	2.26
	EA*4X60*21A*	*9MA*0602120A**	5450	4450	15	11.7	1625	1300	58500	40000	3.5	3.58	37000	23800	2.62	2.3
	EA*4X60*21A*	*9MA*0802120A**	5450	4500	15.2	12	1625	1300	58500	40000	3.54	3.62	36800	23800	2.66	2.32
	EA*4X60*21A*	*9MA**1002122A**	5450	4450	15	12	1580	1275	57500	39500	3.5	3.54	36200	23400	2.66	2.3
	EA*4X60*21A*	*9MV**0802120A**	5450	4450	15	12	1555	1260	57000	39500	3.5	3.54	36000	23200	2.68	2.3
	EA*4X60*21A*	*9MV**1002120A**	5500	4500	14.7	11.7	1625	1420	58000	40000	3.5	3.58	36400	24000	2.66	2.3
	EA*4X60*21A*	*9MX*0802120A**	5500	4500	14.7	11.7	1720	1405	58500	40000	3.52	3.6	36600	23800	2.66	2.3
	EA*4X60*21A*	*9MX**1002120A**	5550	4550	15.2	12	1782	1379	58000	39500	3.58	3.64	36600	23600	2.68	2.34
	EA*4X60*21A*	MV16**21C*	5450	4150	15	11.3	1742	900	58500	37400	3.46	3.22	37200	21600	2.6	2.18
	EA*4X60*21A*	NOMV156E19*	5500	4450	14	11.7	1750	1400	58500	40500	3.54	3.46	36800	24400	2.66	2.24
	EA*4X60*24A*	*8MV**1102120**	5500	4500	15.2	12	1625	1300	58500	40000	3.54	3.62	36600	23800	2.66	2.32
	EA*4X60*24A*	*8MV**1352422**	5500	4500	15.5	12.2	1625	1300	58000	39500	3.54	3.62	36400	23600	2.7	2.34
	EA*4X60*24A*	*8MX**1102120**	5500	4550	15.2	12	1685	1410	58000	40000	3.58	3.64	36200	23600	2.7	2.34
	EA*4X60*24A*	*8MX**1352420**	5500	4450	15.2	12	1650	1260	58000	39000	3.54	3.56	36200	23200	2.68	2.32
	EA*4X60*24A*	*9MA*0602120A**	5400	4450	14.5	11.3	1625	1300	59500	40500	3.38	3.5	37600	24200	2.54	2.26
	EA*4X60*24A*	*9MA*0802120A**	5450	4450	15	11.7	1625	1300	58500	40000	3.5	3.6	36800	23800	2.64	2.3
	EA*4X60*24A*	*9MA**1002122A**	5450	4500	15.2	12	1625	1300	58500	40000	3.54	3.62	36600	23800	2.66	2.32
	EA*4X60*24A*	*9MA*1202422A**	5500	4450	15	11.7	1625	1300	58500	40000	3.52	3.6	36800	23800	2.64	2.32
	EA*4X60*24A*	*9MV**0802120A**	5450	4450	15	12	1590	1280	57500	39500	3.5	3.54	36200	23400	2.66	2.3
	EA*4X60*24A*	*9MV**1002120A**	5450	4450	15.2	12	1565	1265	57000	39500	3.52	3.54	36000	23400	2.68	2.3
	EA*4X60*24A*	*9MV**1202422A**	5500	4500	15.2	12	1610	1305	57500	39500	3.52	3.58	36200	23400	2.68	2.3
	EA*4X60*24A*	*9MX*0802120A**	5500	4500	14.7	11.7	1635	1425	58000	40000	3.5	3.58	36400	24000	2.66	2.3
	EA*4X60*24A*	*9MX**1002120A**	5500	4500	14.7	11.7	1735	1415	58500	40000	3.52	3.6	36600	23800	2.66	2.32
	EA*4X60*24A*	*9MX**1202422A**	5500	4500	15.2	12	1640	1310	57500	39500	3.52	3.58	36400	23400	2.66	2.3
	EA*4X60*24A*	MV16**21C*	5550	4550	15.2	12	1782	1379	58000	39500	3.6	3.64	36600	23600	2.7	2.34
	EA*4X60*24A*	MV20**24C*	5500	4550	15.5	12	1705	1392	57500	39500	3.56	3.66	36400	23600	2.7	2.34
	EA*4X60*24A*	NOMV156E19*	5450	4150	15	11.3	1742	900	58500	37400	3.48	3.2	37000	21600	2.6	2.18
	EA*4X60*24A*	OLV154F20A	5500	4500	15.2	12	1669	1330	58000	39500	3.56	3.6	36200	23400	2.68	2.32
	EA*4X60*24A*	OMV154L20A	5500	4550	15	11.5	1752	1407	58500	40000	3.5	3.62	36800	23800	2.64	2.32
	EA*4X60*24A*		5500	4450	14	11.7	1750	1400	58500	40500	3.54	3.46	36800	24400	2.66	2.24
	EHD4X60A**	*8MV**1102120**	5500	4500	15.5	12.2	1625	1300	58500	40000	3.6	3.66	36600	23800	2.68	2.34
	EHD4X60A**	*8MV**1352422**	5500	4550	15.7	12.5	1625	1300	58000	39500	3.64	3.7	36400	23600	2.72	2.36
	EHD4X60A**	*8MX**1102120**	5550	4600	15.5	12.2	1710	1425	58000	40000	3.64	3.68	36200	23800	2.72	2.36
	EHD4X60A**	*8MX**1352420**	5500	4500	15.5	12	1675	1275	58000	39500	3.6	3.6	36200	23200	2.7	2.32
	EHD4X60A**	*9MA*0602120A**	5450	4500	14.7	11.3	1625	1300	59500	40500	3.44	3.54	37400	24200	2.56	2.28
	EHD4X60A**	*9MA*0802120A**	5500	4500	15.2	12	1625	1300	58500	40000	3.56	3.62	36800	23800	2.66	2.32

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	
			54500	45000	15.2	12	1625	1300	58500	40000	3.5	3.6	36600	23800	2.64	2.32	
HCH660GKA	ENH4X60*24**	*9MA*1202422A**	54500	45000	15.2	12	1625	1300	58500	40000	3.5	3.6	36600	23800	2.64	2.32	8.5
	ENH4X60*24**	*9MV*0802120A**	54500	44500	15.2	12	1605	1290	57500	39500	3.5	3.56	36200	23400	2.66	2.3	8.5
	ENH4X60*24**	*9MV*1002120A**	54500	44500	15.2	12	1575	1280	57000	39500	3.5	3.56	36000	23400	2.68	2.3	8.5
	ENH4X60*24**	*9MV*1202422A**	55000	45000	15.2	12	1625	1320	57500	39500	3.52	3.58	36200	23400	2.68	2.32	8.5
	ENH4X60*24**	*9MX*0802120A**	55000	45500	14.7	12	1645	1440	58000	40000	3.5	3.6	36400	24000	2.66	2.3	8.5
	ENH4X60*24**	*9MX*1002120A**	55000	45500	15	12	1750	1430	58500	40000	3.52	3.6	36600	23800	2.66	2.32	8.5
	ENH4X60*24**	*9MX*1202422A**	55000	45000	15.2	12	1655	1325	57500	39500	3.52	3.58	36200	23400	2.66	2.32	8.5
	ENH4X60*24**	MV16**21C*	55500	45500	15.2	12	1782	1379	58000	39500	3.58	3.64	36400	23600	2.7	2.34	8.8
	ENH4X60*24**	MV20**24C*	55000	45500	15.5	12	1705	1392	57500	39500	3.56	3.66	36200	23600	2.68	2.34	8.8
	ENH4X60*24**	NOMV156E19*	54500	41500	15	11.3	1742	900	58500	37400	3.46	3.22	37000	21600	2.6	2.18	8
	ENH4X60*24**	OLV154F20A	55000	45000	15.2	12	1669	1330	57500	39500	3.54	3.6	36200	23400	2.68	2.32	8.5
	ENH4X60*24**	OMV154L20A	55000	45500	15	11.5	1752	1407	58000	40000	3.48	3.62	36800	23800	2.64	2.32	8.5
	ENH4X60*24**		55000	44500	14	11.7	1750	1400	58500	40500	3.5	3.46	36600	24400	2.64	2.24	8.5

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
NASA015SC	Hard Start Kit (Capacitor & Relay)	48, 60

WALL CONTROL

TSTAT0101SC	Observer™ Self Configuring Communicating Wall Control	ALL
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