

**HEAT PUMP
EFFICIENT 14 SEER
1-1/2 THRU 5 TONS SPLIT SYSTEM
ENVIRONMENTALLY SOUND
R-410A REFRIGERANT
208 / 230 Volt, 1-phase, 60 Hz**

GRANDAIR®
Heating & Cooling Products



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WCH44**

Model Number	Size (tons)	Nominal BTU/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions length x width x height in. (mm)	Operating/Shipping Weight lbs.(kg)
WCH4184GKA	1-1/2	18,000	11.8	20	23-1/8 x 23-1/8 x 35-3/16 (587 x 587 x 894)	134/148 (61/67)
WCH4244GKA	2	24,000	17.7	25	31-3/16 x 31-3/16 x 28-7/16 (792 x 792 x 722)	151/171 (69/78)
WCH4304GKA	2-1/2	30,000	20.8	30	31-3/16 x 31-3/16 x 39-1/8 (792 x 792 x 994)	172/194 (78/88)
WCH4364GKA	3	36,000	20.4	35	31-3/16 x 31-3/16 x 39-1/8 (792 x 792 x 994)	181/203 (82/92)
WCH4424GKA	3-1/2	42,000	25.7	40	31-3/16 x 31-3/16 x 28-7/16 (792 x 792 x 722)	198/217 (90/99)
WCH4484GKA	4	48,000	28.7	50	31-3/16 x 31-3/16 x 31-13/16 (792 x 792 x 808)	221/239 (101/109)
WCH4604GKA	5	60,000	34.1	50	35 x 35 x 28-15/16 (889 x 889 x 735)	250/282 (114/128)

ALL MODELS

REFRIGERATION CIRCUIT

- Scroll compressors on all models
- Suction line accumulator factory installed
- Integrated solid state control with Time-Temperature Defrost
- High and Low pressure switches
- Copper tube / aluminum fin coil
- Factory supplied liquid line filter drier

EASY TO INSTALL AND SERVICE

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- Painted cabinet finish over galvanized steel
- Coated inlet grille with 3/8" (10mm) grille spacing for extra protection (hail guard)

LIMITED WARRANTY

- 1 year unit replacement limited warranty
- 5 year compressor (with an additional 5 years compressor if properly registered) limited warranty to the original purchaser only for owner-occupied dwellings – see warranty certificate for details.
- 5 year parts (with an additional 5 years parts if properly registered) limited warranty to the original purchaser only for owner-occupied dwellings – see warranty certificate for details.

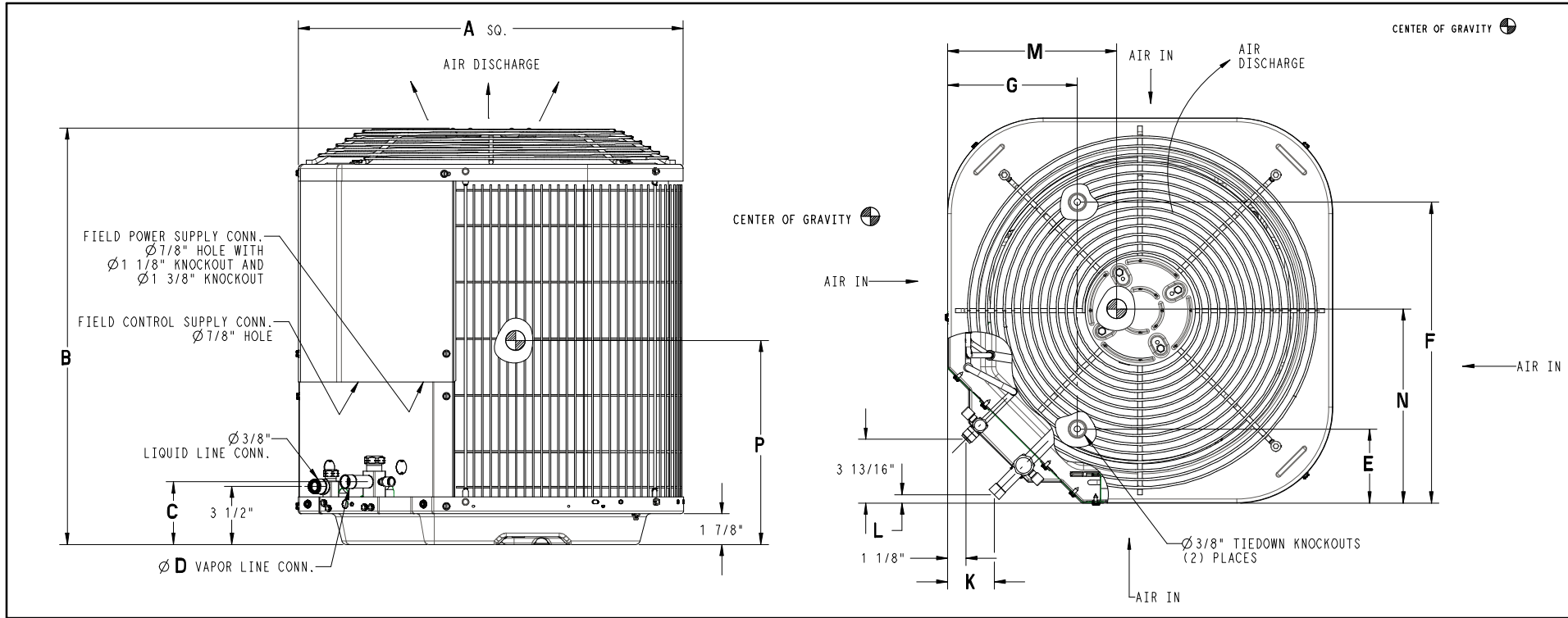
Product Specifications

OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (single phase)

Digit Position:	1,2	3	4	5,6	7	8	9	10	11
Example Part Number:	WC	H	4	24	4	G	K	A	1
WC = Condensing Unit									
A = Air Conditioner									
H = Heat Pump									
TYPE									
3 = 13 SEER									
4 = 14 SEER									
SEER									
18 = 18,000 BTUH = 1-1/2 tons									
19 = 18,000 BTUH = 1-1/2 tons									
24 = 24,000 BTUH = 2 tons									
25 = 24,000 BTUH = 2 tons									
30 = 30,000 BTUH = 2-1/2 tons									
31 = 30,000 BTUH = 2-1/2 tons									
36 = 36,000 BTUH = 3 tons									
37 = 36,000 BTUH = 3 tons									
42 = 42,000 BTUH = 3-1/2 tons									
43 = 42,000 BTUH = 3-1/2 tons									
48 = 48,000 BTUH = 4 tons									
49 = 48,000 BTUH = 4 tons									
60 = 60,000 BTUH = 5 tons									
61 = 60,000 BTUH = 5 tons									
NOMINAL CAPACITY									
2 = R-22									
4 = R-410A									
REFRIGERANT									
A = Standard Grille									
G = Coil Guard Grille									
FEATURE									
K = 208/230-1-60									
VOLTAGE									
Sales Code									
Extra Digit									

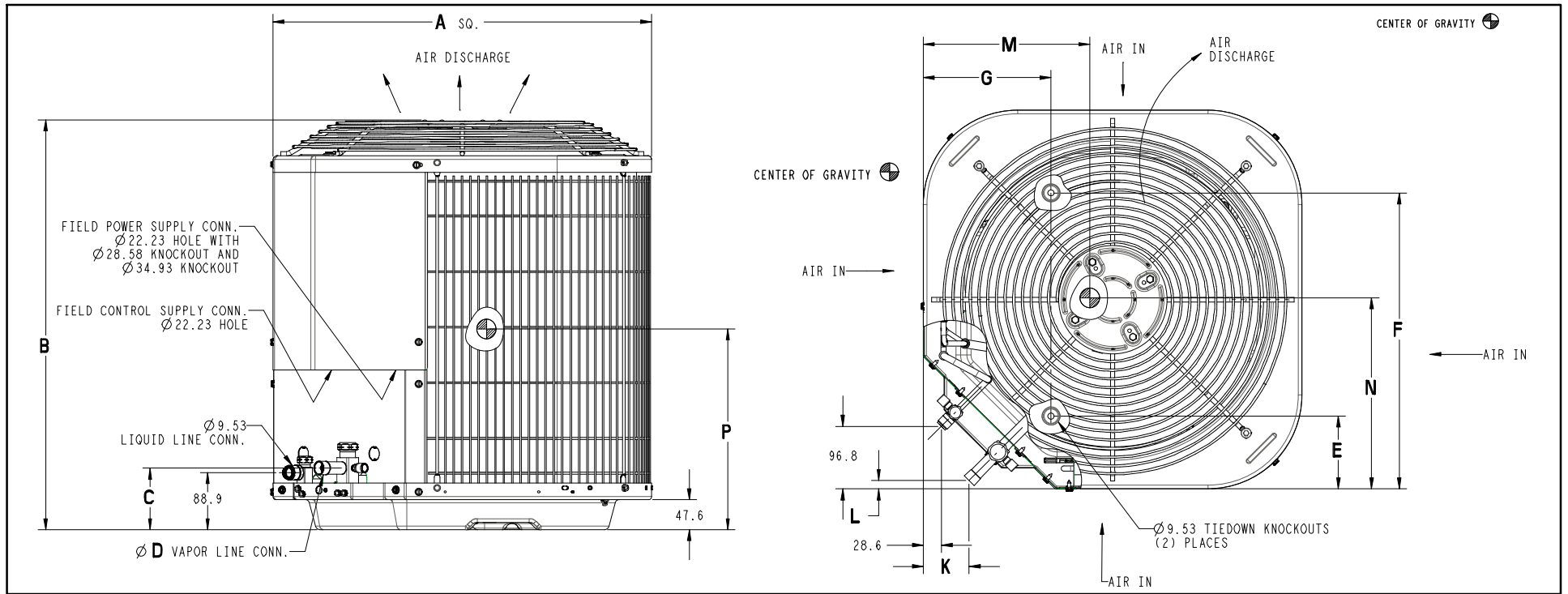
ACCESSORIES PART NUMBER IDENTIFICATION GUIDE

Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11
Example Part Number:	N	A	S	A	0	0 1	01	CH
N = Non-Branded		BRANDING						
A = Accessory		PRODUCT GROUP						
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)								



1. Allow 24" clearance to service side of unit, 48" above unit, 6" on one side, 12" on remaining sides.
2. Maintain a distance of 24" between units or 18" if no overhang within 12'.
3. Minimum outdoor operating ambient in cooling mode is 55°F, max 125°F.
4. Center of Gravity

Model	All Dimensions Inches (English)												Minimum Ground Mounting Pad Size X	Minimum Rooftop Mounting Pad Size Y	Crated Dimensions L x W x H
	A	B	C	D	E	F	G	K	L	M	N	P			
WCH4184GKA	23-1/8	35-3/16	3-3/4	5/8	4-7/16	18-1/16	7-13/16	2-13/16	1/2	11-1/2	10-1/2	13-1/2	23-1/2 x 23-1/2	17-3/4 x 17-3/4	24-1/8 x 24-1/8 x 37-1/4
WCH4244GKA	31-3/16	28-7/16	3-3/4	5/8	6-9/16	24-11/16	9-1/8	2-13/16	1/2	15-5/8	16-3/4	14-1/2	31-1/2 x 31-1/2	23 x 23	32-1/4 x 32-1/4 x 30-3/8
WCH4304GKA	31-3/16	39-1/8	3-3/4	3/4	6-9/16	24-11/16	9-1/8	2-15/16	1/2	15-5/8	16-3/4	17	31-1/2 x 31-1/2	23 x 23	32-1/4 x 32-1/4 x 40-5/8
WCH4364GKA	31-3/16	39-1/8	3-3/4	3/4	6-9/16	24-11/16	9-1/8	2-15/16	1/2	15-5/8	16-3/4	17	31-1/2 x 31-1/2	23 x 23	32-1/4 x 32-1/4 x 40-5/8
WCH4424GKA	31-3/16	28-7/16	3-7/8	7/8	6-9/16	24-11/16	9-1/8	2-15/16	5/8	15	15	11-1/2	31-1/2 x 31-1/2	23 x 23	32-1/4 x 32-1/4 x 30-3/8
WCH4484GKA	31-3/16	31-13/16	3-7/8	7/8	6-9/16	24-11/16	9-1/8	2-15/16	5/8	15	15	12-1/2	31-1/2 x 31-1/2	23 x 23	32-1/4 x 32-1/4 x 34
WCH4604GKA	35	28-15/16	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17	16	12	35 x 35	26-3/4 x 26-3/4	37-1/8 x 37-1/8 x 30



1. Allow 610 mm clearance to service side of unit, 1219 mm above unit, 152 mm on one side, 305 mm on remaining sides.
2. Maintain a distance of 610 mm between units or 457 mm if no overhang within 3.7 m.
3. Minimum outdoor operating ambient in cooling mode is 13°C, max 52°C.
4. Center of Gravity

Model	All Dimensions mm (SI Metric)												Minimum Ground Mounting Pad Size X	Minimum Rooftop Mounting Pad Size Y	Crated Dimensions L x W x H
	A	B	C	D	E	F	G	K	L	M	N	P			
WCH4184GKA	587	894	95	16	113	459	198	71	13	292	237	434	597 x 597	451 x 451	613 x 613 x 944
WCH4244GKA	792	722	95	16	167	627	232	71	13	397	425	368	800 x 800	583 x 583	818 x 818 x 771
WCH4304GKA	792	994	95	19	167	627	232	75	13	397	425	432	800 x 800	583 x 583	818 x 818 x 1031
WCH4364GKA	792	994	95	19	167	627	232	75	13	397	425	432	800 x 800	583 x 583	818 x 818 x 1031
WCH4424GKA	792	722	98	22	167	627	232	75	16	381	381	292	800 x 800	583 x 583	818 x 818 x 771
WCH4484GKA	792	808	98	22	167	627	232	75	16	381	381	318	800 x 800	583 x 583	818 x 818 x 864
WCH4604GKA	889	735	98	22	167	722	232	75	16	432	406	305	889 x 889	680 x 680	943 x 943 x 762

PHYSICAL DATA							
Model Size – WCH4	18	24	30	36	42	48	60
ELECTRICAL							
Unit: Volts–Phase–Hertz	208/230–1–60						
Operating Voltage Range	197–253						
Unit Ampacity for Wiring Size (MCA)	11.8	17.7	20.8	20.4	25.7	28.7	34.1
Min. Wire Size (60°C/75°C Copper) (AWG)*	14/14	14/14	12/12	12/12	10/10	10/10	8/10
Max Length (60°C/75°C (Ft)†	67/64	45/42	60/57	61/58	78/74	70/66	91/56
Max Branch Circuit Fuse Size (Amps)‡	20	25	30	35	40	50	50
Compressor Rated Load Amps	9.0	13.5	16.0	15.4	19.9	21.8	26.3
Locked Rotor Amps	48.0	58.3	77.0	70.0	109.0	117.0	134.0
Fan Motor HP	1/12	1/10	1/10	1/5	1/10	1/4	1/4
Fan RPM (single speed)	1100	1100	1100	1100	1100	1100	800
Fan Motor Full Load Amps	0.50	0.75	0.75	1.10	0.75	1.40	1.20
COMPRESSOR AND REFRIGERANT							
Compressor Type	Scroll						
Refrigerant Charge R–410A lbs. (kg)	5.3 (2.40)	6.75 (3.06)	7.50 (3.40)	7.60 (3.45)	8.88 (4.03)	10.50 (4.76)	11.0 (4.99)
REFRIGERANT TUBES							
Rated Vapor**	5/8	5/8	3/4	3/4	7/8	7/8	1–1/8
Liquid	3/8						
OUTDOOR COIL AND FAN							
Coil Face Area ft² (m²)	12.6 (1.17)	15.1 (1.46)	21.6 (2.00)	21.6 (2.00)	15.1 (1.46)	17.2 (1.60)	17.6 (1.63)
Fan CFM	1700	2614	2614	3365	2614	3365	4046

*The ampacity of non-metallic (NM) sheathed cable shall be that of 60° C (140° F) conductors per NEC 2011, Article 336–26. If wire used is other than specified in chart, refer to applicable tables available in 2011 NEC. Copper wire must be used from disconnect to unit.

† Length shown is as measured 1 way along the wire path between the unit and the service panel for a voltage drop not to exceed 2%.

‡ Units may use fuses or circuit breakers (U.S. only).

** Units are rated with 0–80 ft (0–24 m) of lineset length. See *Vapor Line Sizing and Cooling Capacity Loss* table when using other sizes and lengths of lineset.

METERING DEVICE			
UNIT SIZE	OUTDOOR PISTON	REQUIRED TXV SUBCOOLING °F (°C)	INDOOR METERING DEVICE
18	42	11 (6.1)	49
24	42	11 (6.1)	57
30	55	10 (5.5)	70
36	57	10 (5.5)	73
42	65	11 (6.1)	78
48	70	15 (8.3)	84
60	76	15 (8.3)	TXV*

* TXV must be ordered separately when indoor coil is not supplied with a TXV. TXV must be hard–shutoff type.

VAPOR LINE SIZING AND COOLING CAPACITY LOSS

Acceptable vapor line diameters provide adequate oil return to the compressor while avoiding excessive capacity loss. The suction line diameters shown in the chart below are acceptable for HP systems with R-410A refrigerant:

R-410A COOLING CAPACITY LOSS FOR VARIOUS LINE LENGTHS & TUBE DIAMETERS												
Unit Nominal Size	Maximum Liquid Line Diameters in. (mm)	Acceptable Vapor Line Sizes in. (mm)	Cooling Capacity Loss (%)									
			Total Equivalent Line Length, ft (m)									
			Standard Application			Long Line Application Requires Accessories						
			25 (7.6)	50 (15.2)	80 (24.4)	81-100 (25-30)	101-125 (31-38)	126-150 (38-46)	151-175 (46-53)	176-200 (54-61)	201-225 (61-69)	226-250 (69-76)
18 1 Stage R-410A HP	3/8 (10)	1/2 (13)	1	2	3	3	4	6	7	8	9	10
		5/8 (16)	0	0	1	1	1	1	2	2	3	3
		3/4 (19)	0	0	0	0	0	0	0	1	1	1
24 1 Stage R-410A HP	3/8 (10)	5/8 (16)	0	1	1	1	2	3	3	4	4	5
		3/4 (19)	0	0	0	0	0	1	1	1	1	1
		7/8 (22)	0	0	0	0	0	0	0	0	0	0
30 1 Stage R-410A HP	3/8 (10)	5/8 (16)	1	2	2	2	3	4	5	6	7	8
		3/4 (19)	0	0	0	1	1	1	2	2	2	3
		7/8 (22)	0	0	0	0	0	1	1	1	1	1
36 1 Stage R-410A HP	3/8 (10)	5/8 (16)	1	2	4	4	5	6	7	9	10	11
		3/4 (19)	0	0	1	1	1	2	2	3	3	4
		7/8 (22)	0	0	1	1	0	1	1	1	1	2
42 1 Stage R-410A HP	3/8 (10)	3/4 (19)	0	1	2	2	2	3	4	4	5	6
		7/8 (22)	0	0	1	1	1	1	2	2	2	3
		1-1/8 (29)	0	0	0	0	0	0	0	0	0	0
48 1 Stage R-410A HP	3/8 (10)	3/4 (19)	1	2	2	2	3	4	5	6	7	7
		7/8 (22)	0	1	1	1	2	2	2	3	3	4
		1-1/8 (29)	0	0	0	0	0	0	1	1	1	1
60 1 Stage R-410A HP	3/8 (10)	3/4 (19)	1	2	3	3	4	6	7	8	9	11
		7/8 (22)	0	1	1	1	2	2	3	4	4	5
		1-1/8 (29)	0	0	0	0	0	0	0	1	1	1

* Applications are considered "Long Line" if the total equivalent tubing length exceeds 80 feet (24.4m) or there is more than 20 foot (6.1m) vertical separation between indoor and outdoor units. These applications require additional accessories and system modifications for reliable system operation.

Applications in this area are "Long Line". Accessories are required as shown recommended on Long Line Applications Guideline.

Applications in shaded area may have height restrictions that limit allowable total equivalent length when outdoor unit is below indoor unit. See Long Line Applications Guideline.

REFRIGERANT PIPING LENGTH LIMITATIONS

Maximum Line Lengths

The maximum allowable total equivalent length for heat pumps varies depending on the vertical separation. See the tables below for allowable lengths depending on whether the outdoor unit is on the same level, above or below the indoor unit.

MAXIMUM LINE LENGTHS FOR HEAT PUMP APPLICATIONS			
	MAXIMUM ACTUAL LENGTH ft (m)	MAXIMUM EQUIVALENT † LENGTH ft (m)	MAXIMUM VERTICAL SEPARATION ft (m)
Units on Equal Level	200 (61)	250 (76.2)	N/A
Outdoor Unit ABOVE Indoor Unit	200 (61)	250 (76.2)	200 (61)
Outdoor Unit BELOW Indoor Unit	See Table 'Maximum Total Equivalent Length: Outdoor Unit BELOW Indoor Unit'		

† Total equivalent length accounts for losses due to elbows or fitting. See the Long Line Guideline for details.

Maximum Total Equivalent Length† – Outdoor Unit BELOW Indoor Unit								
Model Size	Liquid Line in.(mm)	HP with R-410A Refrigerant – Maximum Total Equivalent Length Vertical Separation ft (m) Outdoor unit BELOW indoor unit;						
		0-20 (0-6.1)	21-30 (6.4-9.1)	31-40 (9.4-12.2)	41-50 (12.5-15.2)	51-60 (15.5-18.3)	61-70 (18.6-21.3)	71-80 (21.6-24.4)
18	3/8 (10)	250*	250*	250*	250*	250*	250*	250*
24		250*	250*	250*	250*	250*	250*	250*
30		250*	250*	250*	250*	250*	250*	250*
36		250*	250*	250*	250*	250*	250*	250*
42		250*	250*	250*	250*	250*	250*	150
48		250*	250*	250*	250*	230	160	--
60		250*	225*	190	150	110	--	--

* Maximum actual length not to exceed 200 ft (61 m)

† Total equivalent length accounts for losses due to elbows or fitting. See the Long Line Guideline for details.

-- = outside acceptable range

LONG LINE APPLICATIONS

An application is considered Long Line when the refrigerant level in the system requires the use of accessories to maintain acceptable refrigerant management for systems reliability. Defining a system as long line depends on the liquid line diameter, actual length of the tubing, and vertical separation between the indoor and outdoor units.

For Heat Pump systems, the chart below shows when an application is considered Long Line. Beyond these lengths, long line accessories are required:

HP WITH R-410A REFRIGERANT LONG LINE DESCRIPTION ft (m) Beyond these lengths, long line accessories are required			
Liquid Line Size	Units On Same Level	Outdoor Below Indoor	Outdoor Above Indoor
3/8	80 (24.4)	20 (6.1) vertical or 80 (24.4) total	80 (24.4)

Note: See Long Line Guideline for details

WCH4 A-Weighted Sound Power Level - Without Sound Shield								
Model	Standard Rating (dBA)	Typical Octave Band Spectrum (dBA without pure tone adjustment)						
		125	250	500	1000	2000	4000	8000
WCH418GKA	70	50.0	58.0	63.5	65.5	60.0	57.0	52.0
WCH424GKA	74	52.5	61.5	68.0	70.0	67.0	63.5	58.5
WCH430GKA	74	49.5	59.5	65.0	70.5	66.0	64.5	60.0
WCH436GKA	72	53.0	60.0	66.5	67.5	65.0	63.0	57.5
WCH442GKA	77	56.0	66.5	70.0	72.0	67.5	64.0	57.0
WCH448GKA	78	57.0	66.0	71.0	73.5	70.5	67.0	61.0
WCH460GKA	77	55.0	63.0	67.5	71.5	68.0	64.0	60.5

Note: Tested in accordance with AHRI Standard 270-2008 (not listed in AHRI).

WCH4 A-Weighted Sound Power Level - With Sound Shield								
Model	Standard Rating (dBA)	Typical Octave Band Spectrum (dBA without pure tone adjustment)						
		125	250	500	1000	2000	4000	8000
WCH418GKA	68	49.5	56.0	62.5	63.5	59.0	56.0	50.5
WCH424GKA	73	52.5	61.0	67.5	69.0	65.5	62.0	56.5
WCH430GKA	73	51.5	62.0	66.5	67.5	64.5	62.0	57.5
WCH436GKA	72	54.5	59.5	66.0	67.0	64.0	62.0	56.5
WCH442GKA	76	57.0	66.0	70.0	70.5	67.0	63.5	56.5
WCH448GKA	77	58.0	66.5	71.0	72.5	70.0	66.5	59.5
WCH460GKA	74	55.0	63.5	67.0	69.0	66.5	62.0	57.0

Note: Tested in accordance with AHRI Standard 270-2008 (not listed in AHRI).

EXPANDED COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.

New ratings may be listed online before Specification Sheets are updated.

WCH4184GKA Outdoor With WAP*184A* Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																			
		75					85					95					105				
		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
		Entering Indoor Temperature - Degrees F, Wet Bulb																			
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
525	MBh†	21.43	19.44	17.99	17.64	16.97	20.38	18.48	17.10	16.78	16.30	19.27	17.47	16.16	15.88	15.58	18.10	16.40	15.16	14.93	14.81
	S/T‡	0.49	0.66	0.68	0.85	1.00	0.49	0.67	0.70	0.87	1.00	0.50	0.69	0.71	0.90	1.00	0.51	0.71	0.73	0.92	1.00
	AMPS*	5.20	5.18	5.17	5.17	5.16	5.93	5.89	5.87	5.86	5.86	6.70	6.67	6.64	6.63	6.63	7.57	7.53	7.51	7.51	7.51
	HI PR	285	281	278	277	276	330	325	322	321	320	378	374	371	370	369	431	427	425	424	424
	LO PR	154	140	130	128	124	156	143	133	131	127	159	145	135	133	131	162	148	138	136	135
600	MBh†	21.88	19.86	18.40	18.08	17.73	20.77	18.86	17.47	17.20	17.01	19.62	17.80	16.49	16.27	16.24	18.40	16.69	15.44	15.43	15.41
	S/T‡	0.50	0.69	0.71	0.89	1.00	0.51	0.70	0.73	0.91	1.00	0.52	0.72	0.74	1.00	1.00	0.53	0.74	0.77	1.00	1.00
	AMPS*	5.26	5.24	5.22	5.22	5.22	5.98	5.95	5.93	5.93	5.92	6.77	6.73	6.70	6.70	6.70	7.64	7.59	7.57	7.57	7.57
	HI PR	287	282	279	278	278	331	327	323	322	322	379	375	372	371	371	432	428	425	425	425
	LO PR	157	144	134	132	129	160	146	136	134	133	162	148	138	137	136	165	151	140	141	140
675	MBh†	22.22	20.19	18.71	18.48	18.36	21.08	19.15	17.75	17.63	17.60	19.88	18.06	16.74	16.80	16.78	18.63	16.91	15.66	15.93	15.91
	S/T‡	0.52	0.71	0.74	0.93	1.00	0.53	0.73	0.76	1.00	1.00	0.54	0.75	0.78	1.00	1.00	0.55	0.78	0.80	1.00	1.00
	AMPS*	5.32	5.29	5.28	5.28	5.28	6.04	6.01	5.99	5.99	5.99	6.83	6.79	6.76	6.77	6.77	7.70	7.65	7.63	7.63	7.63
	HI PR	287	283	280	279	279	331	327	324	324	324	379	376	373	373	373	433	429	426	427	427
	LO PR	160	146	136	135	134	162	148	138	138	138	165	151	140	141	141	167	153	142	145	145

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhxS/T for each degree below 80 F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhxS/T for each degree above 80 F

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4184GKA

Cooling Indoor Model	Capacity	Power
WAP*184A*	1.00	1.00
WAP*244A*	1.00	1.00
WAHA18**4A*	1.03	0.99
WAHA24**4A*	1.03	0.97
WAH*184A*	1.03	0.99
WAH*244A*	1.03	0.97
WAX*184A*	1.03	0.95
WAX*244A*	1.03	0.97

EXPANDED COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.
New ratings may be listed online before Specification Sheets are updated.

WCH4244GKA Outdoor With FEM4P30**A* Indoor Cooling

Outdoor Ambient Temperature - Degrees F, Dry Bulb

75 85 95 105 115

Entering Indoor Temperature - Degrees F, Wet Bulb

CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
700	MBh†	27.58	25.05	23.22	22.79	22.06	26.28	23.86	22.12	21.72	21.22	24.89	22.60	20.94	20.61	20.32	23.44	21.26	19.70	19.44	19.34	21.90	19.86	18.38	18.32	18.30
	S/T‡	0.51	0.69	0.71	0.90	1.00	0.51	0.70	0.73	0.92	1.00	0.52	0.72	0.75	0.94	1.00	0.53	0.74	0.77	0.99	1.00	0.55	0.76	0.79	1.00	1.00
	AMPS*	6.67	6.67	6.69	6.69	6.69	7.52	7.50	7.50	7.49	7.50	8.43	8.40	8.38	8.37	8.37	9.43	9.38	9.36	9.35	9.35	10.55	10.49	10.47	10.46	10.46
	HI PR	278	275	273	273	272	321	318	316	315	315	369	365	363	362	362	420	416	414	413	413	477	472	470	469	469
	LO PR	154	141	131	129	125	156	143	133	131	128	159	145	135	133	132	161	148	137	136	135	164	150	140	140	140
800	MBh†	28.11	25.55	23.69	23.33	22.99	26.74	24.30	22.54	22.24	22.09	25.30	22.99	21.32	21.15	21.12	23.79	21.60	20.02	20.10	20.07	22.20	20.14	18.66	18.99	18.96
	S/T‡	0.52	0.72	0.75	0.94	1.00	0.53	0.74	0.76	0.96	1.00	0.54	0.76	0.78	1.00	1.00	0.55	0.78	0.80	1.00	1.00	0.57	0.81	0.83	1.00	1.00
	AMPS*	6.77	6.77	6.78	6.78	6.78	7.62	7.60	7.59	7.59	7.59	8.54	8.50	8.48	8.48	8.48	9.54	9.48	9.46	9.46	9.46	10.66	10.60	10.57	10.57	10.57
	HI PR	279	276	274	274	273	322	319	316	316	316	369	366	363	363	363	421	417	414	414	414	478	473	470	471	471
	LO PR	157	144	134	132	130	160	146	136	135	134	162	148	138	137	137	164	150	140	141	141	167	153	142	145	145
900	MBh†	28.51	25.92	24.06	23.81	23.77	27.09	24.63	22.86	22.84	22.81	25.60	23.28	21.60	21.81	21.78	24.05	21.85	20.27	20.70	20.68	22.41	20.36	18.88	19.53	19.51
	S/T‡	0.54	0.75	0.78	1.00	1.00	0.55	0.77	0.79	1.00	1.00	0.56	0.79	0.82	1.00	1.00	0.57	0.82	0.84	1.00	1.00	0.59	0.85	0.87	1.00	1.00
	AMPS*	6.87	6.86	6.87	6.87	6.87	7.72	7.70	7.69	7.69	7.69	8.65	8.61	8.59	8.59	8.59	9.65	9.59	9.56	9.57	9.57	10.77	10.70	10.67	10.68	10.68
	HI PR	279	276	274	274	274	322	319	317	317	317	370	367	364	364	364	422	417	415	416	416	478	474	471	472	472
	LO PR	160	147	136	135	135	162	149	138	138	138	164	151	140	142	142	167	153	142	146	145	169	155	145	150	149

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btu/h per 1000 cfm of indoor coil air from MBhS/T for each degree below 80 F, or add 835 Btu/h per 1000 cfm of indoor coil air from MBhS/T for each degree above 80 F

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4244GKA

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
*FEM4X30**B*		1.00	1.00	EA*4X24*14A*	*9MX*0401410A**	1.00	1.03
FCM4X24****		1.02	0.98	EA*4X30*14A*	*9MX*0401410A**	1.01	1.04
FCM4X36****		1.02	0.94	EHD4X24A**	*9MX*0401410A**	1.01	1.04
FEA4X24**A*		1.00	1.05	EHD4X30A**	*9MX*0401410A**	1.01	1.04
FEA4X30**A*		1.00	1.05	EN(A,D)4X24*14**	*9MX*0401410A**	0.99	1.04
FEM4P24**A*		0.97	0.97	EN(A,D)4X30*14**	*9MX*0401410A**	1.01	1.04
FEM4P30**A*		0.99	0.99	EA*4X24*17A*	*9MX*0601714A**	1.00	0.96
FEM4X24**B*		0.98	0.97	EA*4X30*17A*	*9MX*0601714A**	1.01	0.97
FS(M,U)4P24**A*		0.98	1.00	EHD4X24A**	*9MX*0601714A**	1.00	0.96
FS(M,U)4P30**A*		0.99	1.02	EHD4X30A**	*9MX*0601714A**	1.01	0.97
FVM4X24****		1.02	0.98	EN(A,D)4X24*17**	*9MX*0601714A**	0.99	0.97
FVM4X36****		1.02	0.94	EN(A,D)4X30*17**	*9MX*0601714A**	1.01	0.97
FXM4X24**A*		1.00	0.96	ENH4X24*17**	*9MX*0601714A**	0.99	0.97
FXM4X30**A*		1.01	0.97	ENH4X30*17**	*9MX*0601714A**	1.01	0.97
EA*4X24*14A*	*8MX*0451408**	1.00	0.98	EA*4X24*14A*	*9MV*0401410A**	0.98	1.03
EA*4X30*14A*	*8MX*0451408**	1.01	0.97	EA*4X30*14A*	*9MV*0401410A**	1.00	1.05
EHD4X24A**	*8MX*0451408**	1.01	0.97	EHD4X24A**	*9MV*0401410A**	0.99	1.04
EHD4X30A**	*8MX*0451408**	1.02	0.98	EHD4X30A**	*9MV*0401410A**	1.00	1.05
EN(A,D)4X24*14**	*8MX*0451408**	0.99	0.97	EN(A,D)4X24*14**	*9MV*0401410A**	0.98	1.03
EN(A,D)4X30*14**	*8MX*0451408**	1.01	0.97	EN(A,D)4X30*14**	*9MV*0401410A**	0.99	1.04
EA*4X24*14A*	*8MV*0701412**	0.99	0.95	EA*4X24*17A*	*9MV*0601714A**	0.99	0.99
EA*4X30*14A*	*8MV*0701412**	1.00	0.96	EA*4X30*17A*	*9MV*0601714A**	1.01	0.97
EHD4X24A**	*8MV*0701412**	1.00	0.96	EHD4X24A**	*9MV*0601714A**	0.99	0.99
EHD4X30A**	*8MV*0701412**	1.01	0.97	EHD4X30A**	*9MV*0601714A**	1.01	0.97
EN(A,D)4X24*14**	*8MV*0701412**	0.99	0.97	EN(A,D)4X24*17**	*9MV*0601714A**	0.98	0.98
EN(A,D)4X30*14**	*8MV*0701412**	1.00	0.96	EN(A,D)4X30*17**	*9MV*0601714A**	1.01	0.97
EA*4X24*17A*	*8MV*0901716**	1.00	0.94	ENH4X24*17**	*9MV*0601714A**	0.98	0.98
EA*4X30*17A*	*8MV*0901716**	1.01	0.95	ENH4X30*17**	*9MV*0601714A**	1.01	0.97
EHD4X24A**	*8MV*0901716**	1.01	0.95	EA*4X24*17A*	*9MV*0801716A**	1.00	0.96
EHD4X30A**	*8MV*0901716**	1.01	0.95	EA*4X30*17A*	*9MV*0801716A**	1.01	0.97
EN(A,D)4X24*17**	*8MV*0901716**	0.99	0.95	EHD4X24A**	*9MV*0801716A**	1.00	0.96
EN(A,D)4X30*17**	*8MV*0901716**	1.01	0.95	EHD4X30A**	*9MV*0801716A**	1.01	0.97
ENH4X24*17**	*8MV*0901716**	0.99	0.95	EN(A,D)4X24*17**	*9MV*0801716A**	0.99	0.99
ENH4X30*17**	*8MV*0901716**	1.01	0.95	EN(A,D)4X30*17**	*9MV*0801716A**	1.01	0.97
EHD4X24A**	*8MV*1102120**	1.01	0.97	ENH4X24*17**	*9MV*0801716A**	0.99	0.99
EHD4X30A**	*8MV*1102120**	1.01	0.95	ENH4X30*17**	*9MV*0801716A**	1.01	0.97
EHD4X24A**	*8MV*1352422**	1.01	0.97	EHD4X24A**	*9MV*0802120A**	0.99	0.95
EHD4X30A**	*8MV*1352422**	1.01	0.95	EHD4X30A**	*9MV*0802120A**	1.01	0.97

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4244GKA (Cont.)

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
EHD4X24A**	*9MV*1002120A**	0.99	0.95	EN(A,D)4X30*17**	OLV098A12A	1.02	0.96
EHD4X30A**	*9MV*1002120A**	1.02	0.98	EA*4X24*17A*	OMV098J12A	1.00	0.98
EHD4X24A**	*9MV*1202422A**	1.00	0.96	EA*4X30*17A*	OMV098J12A	1.01	0.97
EHD4X30A**	*9MV*1202422A**	1.01	0.97	EHD4X24A**	OMV098J12A	1.01	0.99
EA*4X24*17A*	*9MA*0601714A**	0.99	0.97	EHD4X30A**	OMV098J12A	1.02	0.98
EA*4X30*17A*	*9MA*0601714A**	1.00	0.96	EN(A,D)4X24*17**	OMV098J12A	1.00	0.98
EHD4X24A**	*9MA*0601714A**	1.00	0.98	EN(A,D)4X30*17**	OMV098J12A	1.02	0.98
EHD4X30A**	*9MA*0601714A**	1.01	0.97	ENH4X24*17**	OMV098J12A	1.00	0.98
EN(A,D)4X24*17**	*9MA*0601714A**	0.99	0.97	ENH4X30*17**	OMV098J12A	1.02	0.98
EN(A,D)4X30*17**	*9MA*0601714A**	1.00	0.96	EA*4X24*17A*	OMV112K14A	1.00	0.94
ENH4X24*17**	*9MA*0601714A**	0.99	0.97	EA*4X30*17A*	OMV112K14A	1.01	0.95
ENH4X30*17**	*9MA*0601714A**	1.00	0.96	EHD4X24A**	OMV112K14A	1.01	0.97
EA*4X24*17A*	*9MA*0801714A**	0.99	0.95	EHD4X30A**	OMV112K14A	1.02	0.96
EA*4X30*17A*	*9MA*0801714A**	1.00	0.96	EN(A,D)4X24*17**	OMV112K14A	1.00	0.96
EHD4X24A**	*9MA*0801714A**	1.00	0.96	EN(A,D)4X30*17**	OMV112K14A	1.01	0.95
EHD4X30A**	*9MA*0801714A**	1.00	0.96	ENH4X24*17**	OMV112K14A	1.00	0.96
EN(A,D)4X24*17**	*9MA*0801714A**	0.99	0.97	ENH4X30*17**	OMV112K14A	1.01	0.95
EN(A,D)4X30*17**	*9MA*0801714A**	1.00	0.96	EA*4X24*14A*	MV08**14C*	1.00	0.96
ENH4X24*17**	*9MA*0801714A**	0.99	0.97	EA*4X24*17A*	MV12**17C*	1.00	0.96
ENH4X30*17**	*9MA*0801714A**	1.00	0.96	EA*4X30*14A*		0.99	1.04
EHD4X24A**	*9MA*0802120A**	1.02	0.98	EA*4X30*17A*	MV08**14C*	1.01	0.97
EHD4X30A**	*9MA*0802120A**	1.02	0.96	EA*4X30*17A*		0.99	1.04
EHD4X24A**	*9MA*1002122A**	1.02	0.98	EA*4X30*17A*	MV12**17C*	1.01	0.97
EHD4X30A**	*9MA*1002122A**	1.02	0.96	EHD4X24A**		0.99	1.04
EHD4X24A**	*9MA*1202422A**	1.01	0.97	EHD4X24A**	MV08**14C*	1.01	0.97
EHD4X30A**	*9MA*1202422A**	1.02	0.96	EHD4X24A**	MV12**17C*	1.01	0.97
EHD4X24A**	*9MA*0602120A**	1.01	0.99	EHD4X30A**		0.99	1.04
EHD4X30A**	*9MA*0602120A**	1.01	0.97	EHD4X30A**	MV08**14C*	1.01	0.97
EA*4X24*17A*	NOMV106D12*	0.99	0.95	EHD4X30A**	MV12**17C*	1.02	0.98
EA*4X30*17A*	NOMV106D12*	1.00	0.94	EN(A,D)4X24*14**		0.98	1.03
EHD4X24A**	NOMV106D12*	1.00	0.98	EN(A,D)4X24*14**	MV08**14C*	0.99	0.95
EHD4X30A**	NOMV106D12*	1.01	0.97	EN(A,D)4X24*17**	MV12**17C*	1.00	0.96
EN(A,D)4X24*17**	NOMV106D12*	0.99	0.97	EN(A,D)4X30*14**		0.99	1.04
EN(A,D)4X30*17**	NOMV106D12*	1.00	0.94	EN(A,D)4X30*14**	MV08**14C*	1.01	0.97
ENH4X24*17**	NOMV106D12*	0.99	0.97	EN(A,D)4X30*17**	MV12**17C*	1.02	0.98
ENH4X30*17**	NOMV106D12*	1.00	0.94	ENH4X24*17**	MV12**17C*	1.00	0.96
EA*4X24*17A*	OLV098A12A	1.00	0.96	ENH4X30*17**		0.99	1.04
EA*4X30*17A*	OLV098A12A	1.02	0.96	ENH4X30*17**	MV12**17C*	1.02	0.98
EN(A,D)4X24*17**	OLV098A12A	1.00	0.98				

EXPANDED COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.org.
New ratings may be listed online before Specification Sheets are updated.

WCH4304GKA Outdoor With FEM4P30**A* Indoor Cooling

Outdoor Ambient Temperature - Degrees F, Dry Bulb

75

85

95

105

115

Entering Indoor Temperature - Degrees F, Wet Bulb

CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
875	MBh†	35.84	32.58	30.20	29.61	28.23	34.17	31.07	28.80	28.25	27.17	32.40	29.45	27.30	26.80	26.04	30.53	27.74	25.71	25.27	24.81	28.51	25.90	24.00	23.66	23.48
	S/T‡	0.49	0.66	0.69	0.86	1.00	0.50	0.67	0.70	0.88	1.00	0.51	0.69	0.71	0.90	1.00	0.51	0.71	0.73	0.92	1.00	0.53	0.73	0.75	0.95	1.00
	AMPS*	9.12	9.05	9.01	9.00	8.98	10.16	10.07	10.01	10.00	9.98	11.29	11.20	11.14	11.12	11.10	12.57	12.48	12.42	12.40	12.39	14.04	13.95	13.89	13.87	13.86
	HI PR	286	282	279	278	277	331	326	322	321	320	379	374	369	368	367	431	425	421	420	419	488	482	477	476	475
	LO PR	149	136	126	124	119	152	138	128	126	122	154	141	131	129	125	157	143	133	132	129	160	146	136	135	134
1000	MBh†	36.57	33.27	30.87	30.32	29.43	34.83	31.68	29.40	28.90	28.30	32.98	30.00	27.83	27.42	27.08	31.02	28.20	26.16	25.83	25.77	28.93	26.29	24.37	24.37	24.34
	S/T‡	0.51	0.69	0.71	0.90	1.00	0.51	0.70	0.73	0.92	1.00	0.52	0.72	0.74	0.94	1.00	0.53	0.74	0.76	1.00	1.00	0.54	0.77	0.79	1.00	1.00
	AMPS*	9.27	9.19	9.14	9.13	9.12	10.31	10.22	10.15	10.14	10.13	11.44	11.34	11.28	11.27	11.26	12.72	12.62	12.56	12.55	12.54	14.18	14.09	14.01	14.01	14.01
	HI PR	288	283	280	280	278	332	327	323	323	322	380	375	371	370	369	433	427	422	421	421	489	483	478	478	478
	LO PR	153	139	129	128	124	155	142	132	130	127	157	144	134	132	131	160	146	136	135	135	163	149	139	139	139
1125	MBh†	37.15	33.82	31.40	30.91	30.45	35.34	32.17	29.87	29.48	29.25	33.42	30.41	28.24	28.00	27.95	31.40	28.56	26.52	26.59	26.56	29.23	26.59	24.67	25.09	25.05
	S/T‡	0.52	0.72	0.74	0.93	1.00	0.53	0.73	0.76	0.95	1.00	0.54	0.75	0.77	1.00	1.00	0.55	0.77	0.80	1.00	1.00	0.56	0.80	0.83	1.00	1.00
	AMPS*	9.41	9.33	9.28	9.27	9.26	10.45	10.36	10.29	10.28	10.28	11.59	11.48	11.42	11.41	11.41	12.87	12.76	12.69	12.70	12.70	14.32	14.22	14.15	14.17	14.16
	HI PR	289	284	281	280	280	333	328	324	324	323	381	376	372	371	371	434	428	423	423	423	490	484	479	480	480
	LO PR	155	142	132	131	129	158	144	134	133	132	160	146	136	136	135	162	149	138	139	139	165	151	141	144	143

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree below 80 F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree above 80 F

†† At TVA rating indoor condition (75 F db/ 63 F wb). All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4304GKA

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
*FEM4X30**B*		1.00	1.00	ENH4X30*17**	*8MV*0901716**	1.00	0.98
FCM4X24****		1.01	0.96	ENH4X36*17**	*8MV*0901716**	1.00	0.98
FCM4X36****		1.01	0.97	EA*4X36*21A*	*8MV*1102120**	1.00	0.98
FEA4X30**A*		1.00	1.05	EHD4X30A**	*8MV*1102120**	1.00	0.98
FEA4X36**A*		1.00	1.05	EHD4X36A**	*8MV*1102120**	1.00	0.96
FEM4P30**A*		0.99	1.01	EN(A,D)4X36*21**	*8MV*1102120**	1.00	0.98
FEM4X35**A*		1.02	1.07	EHD4X30A**	*8MV*1352422**	1.00	0.98
FEM4X36**B*		1.00	1.00	EHD4X36A**	*8MV*1352422**	1.00	0.96
FS(M,U)4P30**A*		1.00	1.03	EA*4X30*17A*	*9MX*0601714A**	1.00	1.00
FS(M,U)4P36**A*		1.00	1.03	EA*4X36*17A*	*9MX*0601714A**	1.00	1.00
FVM4X24****		1.01	0.96	EHD4X30A**	*9MX*0601714A**	1.00	1.00
FVM4X36****		1.01	0.97	EHD4X36A**	*9MX*0601714A**	1.00	0.98
FXM4X30**A*		1.00	0.96	EN(A,D)4X30*17**	*9MX*0601714A**	1.00	1.00
FXM4X36**A*		1.00	0.96	EN(A,D,W)4X36*17**	*9MX*0601714A**	1.00	1.00
EA*4X30*17A*	*8MX*0701716**	1.00	1.00	ENH4X30*17**	*9MX*0601714A**	1.00	1.00
EA*4X36*17A*	*8MX*0701716**	1.00	1.00	ENH4X36*17**	*9MX*0601714A**	1.00	1.00
EHD4X30A**	*8MX*0701716**	1.00	1.00	EA*4X30*17A*	*9MX*0801716A**	1.00	1.00
EHD4X36A**	*8MX*0701716**	1.00	0.98	EA*4X36*17A*	*9MX*0801716A**	1.00	1.00
EN(A,D)4X30*17**	*8MX*0701716**	1.00	1.00	EHD4X30A**	*9MX*0801716A**	1.00	1.00
EN(A,D,W)4X36*17**	*8MX*0701716**	1.00	1.00	EHD4X36A**	*9MX*0801716A**	1.00	0.98
ENH4X30*17**	*8MX*0701716**	1.00	1.00	EN(A,D)4X30*17**	*9MX*0801716A**	1.00	1.00
ENH4X36*17**	*8MX*0701716**	1.00	1.00	EN(A,D,W)4X36*17**	*9MX*0801716A**	1.00	1.00
EA*4X36*21A*	*8MX*0902116**	1.00	0.98	ENH4X30*17**	*9MX*0801716A**	1.00	1.00
EHD4X30A**	*8MX*0902116**	1.00	1.00	ENH4X36*17**	*9MX*0801716A**	1.00	1.00
EHD4X36A**	*8MX*0902116**	1.00	0.96	EA*4X30*17A*	*9MV*0601714A**	1.00	1.00
EN(A,D)4X36*21**	*8MX*0902116**	1.00	0.98	EA*4X36*17A*	*9MV*0601714A**	1.00	1.00
EA*4X30*14A*	*8MV*0701412**	0.99	0.99	EHD4X30A**	*9MV*0601714A**	0.99	0.99
EA*4X36*14A*	*8MV*0701412**	1.00	1.00	EHD4X36A**	*9MV*0601714A**	1.02	1.02
EHD4X30A**	*8MV*0701412**	1.00	1.00	EN(A,D)4X30*17**	*9MV*0601714A**	1.00	1.00
EHD4X36A**	*8MV*0701412**	1.00	0.98	EN(A,D,W)4X36*17**	*9MV*0601714A**	1.00	1.00
EN(A,D)4X30*14**	*8MV*0701412**	0.99	0.99	ENH4X30*17**	*9MV*0601714A**	1.00	1.00
EA*4X30*17A*	*8MV*0901716**	1.00	0.98	ENH4X36*17**	*9MV*0601714A**	1.00	1.00
EA*4X36*17A*	*8MV*0901716**	1.00	0.98	EA*4X30*17A*	*9MV*0801716A**	1.00	1.00
EHD4X30A**	*8MV*0901716**	1.00	0.98	EA*4X36*17A*	*9MV*0801716A**	1.01	1.01
EHD4X36A**	*8MV*0901716**	1.00	0.96	EHD4X30A**	*9MV*0801716A**	1.00	1.00
EN(A,D)4X30*17**	*8MV*0901716**	1.00	0.98	EHD4X36A**	*9MV*0801716A**	1.03	1.03
EN(A,D,W)4X36*17**	*8MV*0901716**	1.00	0.98	EN(A,D)4X30*17**	*9MV*0801716A**	1.00	1.00
				EN(A,D,W)4X36*17**	*9MV*0801716A**	1.00	1.00

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4304GKA

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
ENH4X30*17**	*9MV*0801716A**	1.00	1.00	EN(A,D)4X30*17**	OLV098A12A	1.00	1.00
ENH4X36*17**	*9MV*0801716A**	1.00	1.00	EN(A,D,W)4X36*17**	OLV098A12A	1.00	1.00
EA*4X36*21A*	*9MV*0802120A**	1.01	1.01	EA*4X36*21A*	OLV112A16A	1.00	0.98
EHD4X30A**	*9MV*0802120A**	1.00	1.00	EN(A,D)4X36*21**	OLV112A16A	1.00	1.00
EHD4X36A**	*9MV*0802120A**	1.03	0.98	EA*4X30*17A*	OMV098J12A	1.00	1.00
EN(A,D)4X36*21**	*9MV*0802120A**	1.01	1.01	EA*4X36*17A*	OMV098J12A	1.00	1.00
EA*4X36*21A*	*9MV*1002120A**	1.01	1.01	EHD4X30A**	OMV098J12A	1.00	1.02
EHD4X30A**	*9MV*1002120A**	0.99	0.99	EHD4X36A**	OMV098J12A	1.00	0.98
EHD4X36A**	*9MV*1002120A**	1.01	0.97	EN(A,D)4X30*17**	OMV098J12A	1.00	1.02
EN(A,D)4X36*21**	*9MV*1002120A**	0.99	0.99	EN(A,D,W)4X36*17**	OMV098J12A	1.00	1.02
EHD4X30A**	*9MV*1202422A**	1.00	1.00	ENH4X30*17**	OMV098J12A	1.00	1.02
EHD4X36A**	*9MV*1202422A**	1.03	0.98	ENH4X36*17**	OMV098J12A	1.00	1.02
EA*4X30*17A*	*9MA*0601714A**	0.99	0.99	EA*4X30*17A*	OMV112K14A	1.00	0.98
EA*4X36*17A*	*9MA*0601714A**	1.00	1.00	EA*4X36*17A*	OMV112K14A	1.00	0.98
EHD4X30A**	*9MA*0601714A**	1.00	1.02	EHD4X30A**	OMV112K14A	1.00	1.00
EHD4X36A**	*9MA*0601714A**	1.00	0.98	EHD4X36A**	OMV112K14A	1.00	0.96
EN(A,D)4X30*17**	*9MA*0601714A**	1.00	1.00	EN(A,D)4X30*17**	OMV112K14A	1.00	0.98
EN(A,D,W)4X36*17**	*9MA*0601714A**	1.00	1.00	EN(A,D,W)4X36*17**	OMV112K14A	1.00	0.98
ENH4X30*17**	*9MA*0601714A**	1.00	1.00	ENH4X30*17**	OMV112K14A	1.00	0.98
ENH4X36*17**	*9MA*0601714A**	1.00	1.00	ENH4X36*17**	OMV112K14A	1.00	0.98
EA*4X30*17A*	*9MA*0801714A**	1.00	1.00	EA*4X30*14A*		1.00	1.06
EA*4X36*17A*	*9MA*0801714A**	1.00	0.98	EA*4X30*14A*	MV08**14C*	0.99	0.99
EHD4X30A**	*9MA*0801714A**	1.00	1.00	EA*4X30*17A*		1.00	1.06
EHD4X36A**	*9MA*0801714A**	1.00	0.98	EA*4X30*17A*	MV12**17C*	1.01	0.96
EN(A,D)4X30*17**	*9MA*0801714A**	1.00	1.00	EA*4X36*14A*		1.00	1.06
EN(A,D,W)4X36*17**	*9MA*0801714A**	1.00	1.00	EA*4X36*14A*	MV08**14C*	1.00	1.00
ENH4X30*17**	*9MA*0801714A**	1.00	1.00	EA*4X36*17A*		1.00	1.06
ENH4X36*17**	*9MA*0801714A**	1.00	1.00	EA*4X36*17A*	MV12**17C*	1.01	0.96
EA*4X36*21A*	*9MA*0802120A**	1.00	0.98	EA*4X36*21A*		1.00	1.06
EHD4X30A**	*9MA*0802120A**	1.00	1.00	EHD4X30A**		1.00	1.06
EHD4X36A**	*9MA*0802120A**	1.00	0.98	EHD4X30A**	MV08**14C*	1.00	1.00
EN(A,D)4X36*21**	*9MA*0802120A**	1.00	0.98	EHD4X30A**	MV12**17C*	1.01	1.01
EA*4X36*21A*	*9MA*1002122A**	1.00	0.96	EHD4X36A**		1.00	1.05
EHD4X30A**	*9MA*1002122A**	1.00	0.98	EHD4X36A**	MV08**14C*	1.02	0.98
EHD4X36A**	*9MA*1002122A**	1.00	0.96	EHD4X36A**	MV12**17C*	1.03	0.98
EN(A,D)4X36*21**	*9MA*1002122A**	1.00	0.98	EMA4X36D**		1.01	1.07
EHD4X30A**	*9MA*1202422A**	1.00	0.98	EN(A,D)4X30*14**		1.00	1.06
EHD4X36A**	*9MA*1202422A**	1.00	0.96	EN(A,D)4X30*14**	MV08**14C*	0.99	0.99
EA*4X36*21A*	*9MA*0602120A**	1.00	0.98	EN(A,D)4X30*17**		1.00	1.06
EHD4X30A**	*9MA*0602120A**	1.00	1.00	EN(A,D)4X30*17**	MV12**17C*	1.01	0.96
EHD4X36A**	*9MA*0602120A**	1.00	0.98	EN(A,D)4X36*21**		1.00	1.06
EN(A,D)4X36*21**	*9MA*0602120A**	1.00	1.00	EN(A,D,W)4X36*17**		1.00	1.06
EA*4X30*17A*	NOMV106D12*	0.99	0.98	EN(A,D,W)4X36*17**	MV12**17C*	1.01	0.96
EA*4X36*17A*	NOMV106D12*	0.99	0.98	ENH4X30*17**		1.00	1.06
EHD4X30A**	NOMV106D12*	0.99	0.99	ENH4X30*17**	MV12**17C*	1.01	0.96
EHD4X36A**	NOMV106D12*	1.00	0.98	ENH4X36*17**		1.00	1.06
EN(A,D)4X30*17**	NOMV106D12*	0.99	0.98	ENH4X36*17**	MV12**17C*	1.01	0.96
EN(A,D,W)4X36*17**	NOMV106D12*	0.99	0.98				
ENH4X30*17**	NOMV106D12*	0.99	0.98				
ENH4X36*17**	NOMV106D12*	0.99	0.98				
EA*4X30*17A*	OLV098A12A	1.00	1.00				
EA*4X36*17A*	OLV098A12A	1.00	1.00				

EXPANDED COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.
New ratings may be listed online before Specification Sheets are updated.

WCH4364GKA Outdoor With FEM4P36**A* Indoor Cooling

Outdoor Ambient Temperature - Degrees F, Dry Bulb

75 85 95 105 115

Entering Indoor Temperature - Degrees F, Wet Bulb

CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
1050	MBh†	42.11	38.24	35.42	34.75	33.49	39.88	36.21	33.55	32.94	32.06	37.69	34.23	31.72	31.20	30.66	35.45	32.20	29.84	29.43	29.20	33.04	30.01	27.82	27.63	27.60
	S/T‡	0.48	0.66	0.68	0.85	1.00	0.49	0.67	0.69	0.87	1.00	0.50	0.69	0.71	0.90	1.00	0.51	0.71	0.73	0.92	1.00	0.52	0.73	0.75	1.00	1.00
	AMPS*	10.59	10.50	10.45	10.44	10.43	11.63	11.55	11.50	11.49	11.48	12.82	12.74	12.69	12.68	12.67	14.17	14.10	14.06	14.05	14.05	15.71	15.66	15.63	15.63	15.63
	HI PR	282	279	276	276	274	326	321	318	318	317	373	368	365	364	363	424	419	416	415	415	480	475	471	471	471
	LO PR	148	135	125	124	119	151	138	128	126	123	153	140	130	129	127	156	143	133	131	131	159	146	135	135	135
1200	MBh†	42.92	38.99	36.15	35.53	34.82	40.58	36.87	34.18	33.68	33.29	38.30	34.80	32.27	31.88	31.79	35.95	32.67	30.30	30.26	30.22	33.46	30.41	28.21	28.55	28.51
	S/T‡	0.50	0.68	0.71	0.89	1.00	0.51	0.70	0.72	0.91	1.00	0.52	0.72	0.74	1.00	1.00	0.53	0.74	0.76	1.00	1.00	0.54	0.77	0.79	1.00	1.00
	AMPS*	10.80	10.70	10.64	10.64	10.63	11.84	11.75	11.69	11.69	11.68	13.01	12.93	12.88	12.87	12.87	14.36	14.29	14.25	14.25	14.25	15.90	15.85	15.82	15.82	15.82
	HI PR	283	280	277	276	276	327	322	319	319	318	374	369	366	365	365	425	420	417	417	417	481	476	472	473	473
	LO PR	151	138	128	127	124	154	141	131	129	128	156	143	133	132	132	159	146	135	136	136	162	148	138	140	140
1350	MBh†	43.53	39.56	36.70	36.25	35.93	41.11	37.36	34.65	34.38	34.32	38.74	35.21	32.67	32.76	32.72	36.33	33.02	30.65	31.10	31.06	33.75	30.69	28.49	29.29	29.26
	S/T‡	0.51	0.71	0.74	0.92	1.00	0.52	0.73	0.75	1.00	1.00	0.53	0.75	0.78	1.00	1.00	0.55	0.78	0.80	1.00	1.00	0.56	0.81	0.83	1.00	1.00
	AMPS*	11.00	10.90	10.84	10.83	10.82	12.04	11.94	11.88	11.88	11.88	13.21	13.12	13.07	13.07	13.07	14.55	14.48	14.44	14.44	14.44	16.09	16.04	16.00	16.01	16.01
	HI PR	284	280	278	277	277	327	323	320	320	320	375	370	367	367	367	426	421	418	418	418	482	477	473	475	475
	LO PR	154	141	131	130	129	156	143	133	133	132	159	145	135	136	136	161	148	138	140	140	164	150	140	144	144

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBh/S/T for each degree below 80 F, or add 835 Btuh per 1000 cfm of indoor coil air from MBh/S/T for each degree above 80 F

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4364GKA

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
*FEM4X36**B*		1.00	1.00	EN(A,D,W)4X42*21**	*8MX*1102120**	1.04	1.00
FCM4X24****		1.03	1.00	ENH4X42*21**	*8MX*1102120**	1.04	1.00
FCM4X36****		1.04	1.01	EA*4X36*14A*	*8MV*0701412**	1.02	1.02
FCM4X48****		1.07	1.00	EHD4X36A**	*8MV*0701412**	1.04	1.02
FEA4X36**A*		1.03	1.10	EHD4X42A**	*8MV*0701412**	1.05	1.00
FEM4P36**A*		1.02	1.04	EA*4X36*17A*	*8MV*0901716**	1.02	1.00
FEM4P42**A*		1.06	1.02	EHD4X36A**	*8MV*0901716**	1.05	1.00
FEM4X35**A*		1.05	1.02	EHD4X42A**	*8MV*0901716**	1.05	1.00
FEM4X42**A*		1.06	1.03	EN(A,D,W)4X36*17**	*8MV*0901716**	1.02	1.00
FEM4X42**B*		1.07	1.02	END4X42*17**	*8MV*0901716**	1.04	1.00
FS(M,U)4P36**A*		1.03	1.05	ENH4X36*17**	*8MV*0901716**	1.02	1.00
FS(M,U)4P42**A*		1.05	1.07	EA*4X36*21A*	*8MV*1102120**	1.03	0.99
FVM4X24****		1.03	1.00	EA*4X42*21A*	*8MV*1102120**	1.04	0.99
FVM4X36****		1.04	1.01	EHD4X36A**	*8MV*1102120**	1.05	1.00
FVM4X48****		1.07	1.00	EHD4X42A**	*8MV*1102120**	1.05	1.01
FXM4X36**A*		1.07	1.00	EN(A,D)4X36*21**	*8MV*1102120**	1.02	1.00
FXM4X42**A*		1.07	1.00	EN(A,D,W)4X42*21**	*8MV*1102120**	1.04	0.99
EA*4X36*14A*	*8MX*0451408**	1.02	1.05	ENH4X42*21**	*8MV*1102120**	1.04	0.99
EHD4X36A**	*8MX*0451408**	1.04	1.04	EA*4X42*24A*	*8MV*1352422**	1.04	0.99
EHD4X42A**	*8MX*0451408**	1.05	1.05	EHD4X36A**	*8MV*1352422**	1.05	1.00
EA*4X36*17A*	*8MX*0701716**	1.02	1.02	EHD4X42A**	*8MV*1352422**	1.05	0.99
EHD4X36A**	*8MX*0701716**	1.04	1.02	EA*4X36*17A*	*9MX*0601714A**	1.02	1.02
EHD4X42A**	*8MX*0701716**	1.05	1.03	EHD4X36A**	*9MX*0601714A**	1.04	1.04
EN(A,D,W)4X36*17**	*8MX*0701716**	1.02	1.02	EHD4X42A**	*9MX*0601714A**	1.05	1.02
END4X42*17**	*8MX*0701716**	1.04	1.04	EN(A,D,W)4X36*17**	*9MX*0601714A**	1.02	1.02
ENH4X36*17**	*8MX*0701716**	1.02	1.02	END4X42*17**	*9MX*0601714A**	1.04	1.04
EA*4X36*21A*	*8MX*0902116**	1.04	0.99	ENH4X36*17**	*9MX*0601714A**	1.02	1.02
EA*4X42*21A*	*8MX*0902116**	1.04	1.00	EA*4X36*17A*	*9MX*0801716A**	1.02	1.02
EHD4X36A**	*8MX*0902116**	1.05	1.01	EHD4X36A**	*9MX*0801716A**	1.04	1.00
EHD4X42A**	*8MX*0902116**	1.06	0.99	EHD4X42A**	*9MX*0801716A**	1.05	1.00
EN(A,D)4X36*21**	*8MX*0902116**	1.03	1.00	EN(A,D,W)4X36*17**	*9MX*0801716A**	1.02	1.02
EN(A,D,W)4X42*21**	*8MX*0902116**	1.04	1.00	END4X42*17**	*9MX*0801716A**	1.04	1.01
ENH4X42*21**	*8MX*0902116**	1.04	1.00	ENH4X36*17**	*9MX*0801716A**	1.02	1.02
EA*4X36*21A*	*8MX*1102120**	1.04	1.00	EA*4X36*21A*	*9MX*1002120A**	1.04	1.02
EA*4X42*21A*	*8MX*1102120**	1.05	1.00	EA*4X42*21A*	*9MX*1002120A**	1.05	1.01
EHD4X36A**	*8MX*1102120**	1.06	0.99	EHD4X36A**	*9MX*1002120A**	1.06	1.02
EHD4X42A**	*8MX*1102120**	1.07	1.00	EHD4X42A**	*9MX*1002120A**	1.07	1.03
EN(A,D)4X36*21**	*8MX*1102120**	1.03	0.99	EN(A,D)4X36*21**	*9MX*1002120A**	1.04	1.01

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4364GKA

Cooling Indoor Model	Furnace Model	Capacity	Power
EN(A,D,W)4X42*21**	*9MX*1002120A**	1.05	1.02
ENH4X42*21**	*9MX*1002120A**	1.05	1.02
EA*4X36*17A*	*9MV*0601714A**	1.02	1.04
EHD4X36A**	*9MV*0601714A**	1.04	1.06
EHD4X42A**	*9MV*0601714A**	1.05	1.02
EN(A,D,W)4X36*17**	*9MV*0601714A**	1.02	1.04
END4X42*17**	*9MV*0601714A**	1.04	1.05
ENH4X36*17**	*9MV*0601714A**	1.02	1.04
EA*4X36*17A*	*9MV*0801716A**	1.02	1.04
EHD4X36A**	*9MV*0801716A**	1.05	1.02
EHD4X42A**	*9MV*0801716A**	1.05	1.03
EN(A,D,W)4X36*17**	*9MV*0801716A**	1.02	1.04
END4X42*17**	*9MV*0801716A**	1.04	1.02
ENH4X36*17**	*9MV*0801716A**	1.02	1.04
EA*4X36*21A*	*9MV*0802120A**	1.03	1.00
EA*4X42*21A*	*9MV*0802120A**	1.04	1.01
EHD4X36A**	*9MV*0802120A**	1.04	1.02
EHD4X42A**	*9MV*0802120A**	1.05	1.03
EN(A,D)4X36*21**	*9MV*0802120A**	1.02	0.99
EN(A,D,W)4X42*21**	*9MV*0802120A**	1.03	1.00
ENH4X42*21**	*9MV*0802120A**	1.03	1.00
EA*4X36*21A*	*9MV*1002120A**	1.03	1.00
EA*4X42*21A*	*9MV*1002120A**	1.04	1.01
EHD4X36A**	*9MV*1002120A**	1.04	1.02
EHD4X42A**	*9MV*1002120A**	1.05	0.99
EN(A,D)4X36*21**	*9MV*1002120A**	1.02	0.99
EN(A,D,W)4X42*21**	*9MV*1002120A**	1.03	1.00
ENH4X42*21**	*9MV*1002120A**	1.03	1.00
EA*4X42*24A*	*9MV*1202422A**	1.04	1.01
EHD4X36A**	*9MV*1202422A**	1.05	1.02
EHD4X42A**	*9MV*1202422A**	1.05	1.03
EA*4X36*17A*	*9MA*0601714A**	1.01	1.01
EHD4X36A**	*9MA*0601714A**	1.03	1.00
EHD4X42A**	*9MA*0601714A**	1.04	1.01
EN(A,D,W)4X36*17**	*9MA*0601714A**	1.01	1.01
END4X42*17**	*9MA*0601714A**	1.02	1.02
ENH4X36*17**	*9MA*0601714A**	1.01	1.01
EA*4X36*17A*	*9MA*0801714A**	1.01	1.01
EHD4X36A**	*9MA*0801714A**	1.04	1.01
EHD4X42A**	*9MA*0801714A**	1.04	1.00
EN(A,D,W)4X36*17**	*9MA*0801714A**	1.01	1.01
END4X42*17**	*9MA*0801714A**	1.03	1.00
ENH4X36*17**	*9MA*0801714A**	1.01	1.01
EA*4X36*21A*	*9MA*0802120A**	1.02	0.98
EA*4X42*21A*	*9MA*0802120A**	1.03	0.99
EHD4X36A**	*9MA*0802120A**	1.04	1.00
EHD4X42A**	*9MA*0802120A**	1.05	0.98
EN(A,D)4X36*21**	*9MA*0802120A**	1.02	0.99
EN(A,D,W)4X42*21**	*9MA*0802120A**	1.03	0.99
ENH4X42*21**	*9MA*0802120A**	1.03	0.99
EA*4X36*21A*	*9MA*1002122A**	1.02	0.98
EA*4X42*21A*	*9MA*1002122A**	1.03	0.99
EHD4X36A**	*9MA*1002122A**	1.05	1.00
EHD4X42A**	*9MA*1002122A**	1.05	0.99
EN(A,D)4X36*21**	*9MA*1002122A**	1.02	1.00
EN(A,D,W)4X42*21**	*9MA*1002122A**	1.04	0.99
ENH4X42*21**	*9MA*1002122A**	1.04	0.99
EA*4X42*24A*	*9MA*1202422A**	1.03	0.99
EHD4X36A**	*9MA*1202422A**	1.04	1.00
EHD4X42A**	*9MA*1202422A**	1.05	1.00
EA*4X36*21A*	*9MA*0602120A**	1.02	0.99
EA*4X42*21A*	*9MA*0602120A**	1.02	1.00
EHD4X36A**	*9MA*0602120A**	1.04	1.01

Cooling Indoor Model	Furnace Model	Capacity	Power
EHD4X42A**	*9MA*0602120A**	1.04	1.00
EN(A,D)4X36*21**	*9MA*0602120A**	1.01	1.01
EN(A,D,W)4X42*21**	*9MA*0602120A**	1.02	1.00
ENH4X42*21**	*9MA*0602120A**	1.02	1.00
EA*4X36*17A*	NOMV106D12*	1.02	1.02
EHD4X36A**	NOMV106D12*	1.04	1.01
EHD4X42A**	NOMV106D12*	1.04	1.00
EN(A,D,W)4X36*17**	NOMV106D12*	1.01	1.01
END4X42*17**	NOMV106D12*	1.03	1.00
ENH4X36*17**	NOMV106D12*	1.01	1.01
EA*4X36*21A*	NOMV156E19*	1.02	1.00
EA*4X42*21A*	NOMV156E19*	1.03	0.99
EHD4X36A**	NOMV156E19*	1.04	1.00
EHD4X42A**	NOMV156E19*	1.05	1.00
EN(A,D)4X36*21**	NOMV156E19*	1.02	0.99
EN(A,D,W)4X42*21**	NOMV156E19*	1.03	1.00
ENH4X42*21**	NOMV156E19*	1.03	1.00
EA*4X36*17A*	OLV098A12A	1.02	1.04
EN(A,D,W)4X36*17**	OLV098A12A	1.01	1.03
END4X42*17**	OLV098A12A	1.03	1.03
EA*4X36*21A*	OLV112A16A	1.03	1.03
EA*4X42*21A*	OLV112A16A	1.04	1.01
EN(A,D)4X36*21**	OLV112A16A	1.02	1.02
EN(A,D,W)4X42*21**	OLV112A16A	1.04	1.04
EA*4X42*24A*	OLV154F20A	1.06	1.02
EA*4X36*17A*	OMV098J12A	1.02	1.04
EHD4X36A**	OMV098J12A	1.04	1.04
EHD4X42A**	OMV098J12A	1.05	1.05
EN(A,D,W)4X36*17**	OMV098J12A	1.02	1.04
END4X42*17**	OMV098J12A	1.04	1.04
ENH4X36*17**	OMV098J12A	1.02	1.04
EA*4X36*17A*	OMV112K14A	1.02	1.02
EHD4X36A**	OMV112K14A	1.05	1.02
EHD4X42A**	OMV112K14A	1.05	1.01
EN(A,D,W)4X36*17**	OMV112K14A	1.02	1.02
END4X42*17**	OMV112K14A	1.04	1.02
ENH4X36*17**	OMV112K14A	1.02	1.02
EA*4X42*24A*	OMV154L20A	1.04	0.99
EHD4X36A**	OMV154L20A	1.05	1.00
EHD4X42A**	OMV154L20A	1.05	0.99
EA*4X36*14A*		1.02	1.06
EA*4X36*14A*	MV08**14C*	1.02	1.00
EA*4X36*17A*		1.02	1.07
EA*4X36*17A*	MV12**17C*	1.03	1.00
EA*4X36*21A*		1.02	1.07
EA*4X36*21A*	MV16**21C*	1.04	1.01
EA*4X42*21A*		1.04	1.08
EA*4X42*21A*	MV16**21C*	1.04	1.02
EA*4X42*24A*		1.04	1.08
EA*4X42*24A*	MV20**24C*	1.04	0.97
EHD4X36A**		1.05	1.08
EHD4X36A**	MV08**14C*	1.05	1.02
EHD4X36A**	MV12**17C*	1.05	0.99
EHD4X36A**	MV16**21C*	1.05	0.99
EHD4X36A**	MV20**24C*	1.05	0.99
EHD4X42A**		1.05	1.09
EHD4X42A**	MV08**14C*	1.05	0.99
EHD4X42A**	MV12**17C*	1.06	0.99
EHD4X42A**	MV16**21C*	1.06	0.99
EHD4X42A**	MV20**24C*	1.05	0.99
EMA4X36D**		1.02	1.09
EN(A,D)4X36*21**		1.02	1.07
EN(A,D)4X36*21**	MV16**21C*	1.03	1.00

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4364GKA

Cooling Indoor Model	Furnace Model	Capacity	Power
EN(A,D,W)4X36*17**		1.02	1.07
EN(A,D,W)4X36*17**	MV12**17C*	1.03	1.00
EN(A,D,W)4X42*21**		1.04	1.08
EN(A,D,W)4X42*21**	MV16**21C*	1.04	1.02
END4X42*17**		1.05	1.08
END4X42*17**	MV12**17C*	1.05	0.98
ENH4X36*17**		1.02	1.07
ENH4X36*17**	MV12**17C*	1.03	1.00
ENH4X42*21**		1.04	1.08
ENH4X42*21**	MV16**21C*	1.04	1.02

EXPANDED COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.
New ratings may be listed online before Specification Sheets are updated.

WCH4424GKA Outdoor With FEM4X48**B* Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57					
1225	MBh†	49.42	45.06	41.90	41.13	39.59	46.86	42.76	39.80	39.09	37.99	44.19	40.38	37.61	36.99	36.30	41.40	37.86	35.31	34.80	34.50					
	S/T‡	0.49	0.66	0.68	0.85	1.00	0.49	0.67	0.69	0.87	1.00	0.50	0.69	0.71	0.89	1.00	0.51	0.71	0.73	0.92	1.00					
	AMPS*	11.69	12.08	12.29	12.32	12.39	13.45	13.69	13.80	13.81	13.83	15.22	15.34	15.37	15.37	15.37	17.07	17.10	17.08	17.06	17.05					
	HI PR	304	299	295	294	292	351	345	340	339	337	401	394	389	388	387	455	447	442	441	440					
	LO PR	153	139	129	127	122	155	142	132	130	126	158	144	134	132	130	161	147	136	135	134					
1400	MBh†	50.34	45.92	42.74	42.03	41.19	47.64	43.51	40.53	39.94	39.47	44.85	41.00	38.23	37.75	37.64	41.95	38.39	35.83	35.75	35.71					
	S/T‡	0.50	0.68	0.71	0.89	1.00	0.51	0.70	0.72	0.91	1.00	0.52	0.72	0.74	1.00	1.00	0.53	0.74	0.76	1.00	1.00					
	AMPS*	11.75	12.17	12.41	12.44	12.49	13.55	13.82	13.95	13.96	13.98	15.35	15.50	15.55	15.55	15.55	17.23	17.28	17.26	17.27	17.26					
	HI PR	305	300	296	295	294	352	346	342	341	340	403	396	390	390	389	456	449	443	443	443					
	LO PR	156	143	132	131	128	159	145	135	133	131	161	147	137	136	135	164	150	139	139	139					
1575	MBh†	51.02	46.57	43.37	42.84	42.53	48.23	44.06	41.08	40.75	40.68	45.34	41.47	38.70	38.79	38.74	42.34	38.77	36.22	36.73	36.69					
	S/T‡	0.51	0.71	0.73	0.92	1.00	0.52	0.73	0.75	1.00	1.00	0.54	0.75	0.77	1.00	1.00	0.55	0.78	0.80	1.00	1.00					
	AMPS*	11.83	12.27	12.53	12.56	12.58	13.66	13.96	14.11	14.11	14.11	15.50	15.66	15.72	15.71	15.71	17.39	17.45	17.45	17.46	17.46					
	HI PR	306	301	297	297	296	354	348	343	342	342	404	397	392	392	392	457	450	444	446	446					
	LO PR	159	145	135	134	133	161	147	137	136	136	164	150	139	140	140	166	152	141	144	144					

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhX/S/T for each degree below 80 F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhX/S/T for each degree above 80 F

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4424GKA

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
*FEM4X48**B*		1.00	1.00	EHD4X48A**	*8MV*0701412**	0.98	0.99
FCM4X36****		0.96	0.96	EA*4X48*17A*	*8MV*0901716**	0.99	0.99
FCM4X48****		1.01	0.97	EHD4X42A**	*8MV*0901716**	0.99	0.99
FEM4P42**A*		1.00	1.05	EHD4X48A**	*8MV*0901716**	0.99	0.99
FEM4P48**A*		1.00	1.00	END4X42*17**	*8MV*0901716**	0.98	0.99
FEM4X42**B*		1.00	1.05	EA*4X42*21A*	*8MV*1102120**	0.96	0.98
FS(M,U)4P42**A*		0.99	1.03	EA*4X48*21A*	*8MV*1102120**	0.98	0.98
FS(M,U)4P48**A*		1.01	1.06	EHD4X42A**	*8MV*1102120**	0.99	0.99
FVM4X36****		0.96	0.96	EHD4X48A**	*8MV*1102120**	0.99	0.99
FVM4X48****		1.01	0.97	EN(A,D,W)4X42*21**	*8MV*1102120**	0.96	0.98
FXM4X42**A*		1.00	1.00	EN(A,D,W)4X48*21**	*8MV*1102120**	0.99	0.97
FXM4X48**A*		1.02	0.98	ENH4X42*21**	*8MV*1102120**	0.96	0.98
EA*4X48*17A*	*8MX*0701716**	0.99	1.03	ENH4X48*21**	*8MV*1102120**	0.99	0.97
EHD4X42A**	*8MX*0701716**	0.99	1.03	EA*4X42*24A*	*8MV*1352422**	0.96	0.96
EHD4X48A**	*8MX*0701716**	0.99	1.01	EA*4X48*24A*	*8MV*1352422**	0.99	0.97
END4X42*17**	*8MX*0701716**	0.96	1.01	EHD4X42A**	*8MV*1352422**	0.99	0.97
EA*4X42*21A*	*8MX*0902116**	0.96	0.98	EHD4X48A**	*8MV*1352422**	0.99	0.97
EA*4X48*21A*	*8MX*0902116**	0.99	0.99	EN(A,D)4X48*24**	*8MV*1352422**	0.99	0.97
EHD4X42A**	*8MX*0902116**	0.99	0.99	EA*4X48*17A*	*9MX*0601714A**	0.98	1.00
EHD4X48A**	*8MX*0902116**	0.99	0.97	EHD4X42A**	*9MX*0601714A**	0.98	1.00
EN(A,D,W)4X42*21**	*8MX*0902116**	0.96	0.98	EHD4X48A**	*9MX*0601714A**	0.99	1.01
EN(A,D,W)4X48*21**	*8MX*0902116**	0.99	0.99	END4X42*17**	*9MX*0601714A**	0.96	1.01
ENH4X42*21**	*8MX*0902116**	0.96	0.98	EA*4X48*17A*	*9MX*0801716A**	0.99	1.01
ENH4X48*21**	*8MX*0902116**	0.99	0.99	EHD4X42A**	*9MX*0801716A**	0.99	1.01
EA*4X42*21A*	*8MX*1102120**	0.98	0.98	EHD4X48A**	*9MX*0801716A**	0.99	1.01
EA*4X48*21A*	*8MX*1102120**	0.99	0.99	END4X42*17**	*9MX*0801716A**	0.98	1.00
EHD4X42A**	*8MX*1102120**	0.99	0.97	EA*4X42*21A*	*9MX*0802120A**	0.98	0.99
EHD4X48A**	*8MX*1102120**	0.99	0.97	EA*4X48*21A*	*9MX*0802120A**	0.99	0.99
EN(A,D,W)4X42*21**	*8MX*1102120**	0.96	0.96	EHD4X42A**	*9MX*0802120A**	0.99	0.99
EN(A,D,W)4X48*21**	*8MX*1102120**	0.99	0.97	EHD4X48A**	*9MX*0802120A**	1.00	1.00
ENH4X42*21**	*8MX*1102120**	0.96	0.96	EN(A,D,W)4X42*21**	*9MX*0802120A**	0.96	0.98
ENH4X48*21**	*8MX*1102120**	0.99	0.97	EN(A,D,W)4X48*21**	*9MX*0802120A**	0.99	0.99
EA*4X42*24A*	*8MX*1352420**	0.98	0.98	ENH4X42*21**	*9MX*0802120A**	0.96	0.98
EA*4X48*24A*	*8MX*1352420**	0.99	0.99	ENH4X48*21**	*9MX*0802120A**	0.99	0.99
EHD4X42A**	*8MX*1352420**	0.99	0.99	EA*4X42*21A*	*9MX*1002120A**	0.96	0.98
EHD4X48A**	*8MX*1352420**	0.99	0.97	EA*4X48*21A*	*9MX*1002120A**	0.98	0.98
EN(A,D)4X48*24**	*8MX*1352420**	0.99	0.97	EHD4X42A**	*9MX*1002120A**	0.99	0.99
EHD4X42A**	*8MV*0701412**	0.98	0.99	EHD4X48A**	*9MX*1002120A**	0.99	0.97

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4424GKA

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
EN(A,D,W)4X42*21**	*9MX*1002120A**	0.96	0.98	EA*4X48*24A*	*9MA*1202422A**	0.98	0.98
EN(A,D,W)4X48*21**	*9MX*1002120A**	0.99	0.99	EHD4X42A**	*9MA*1202422A**	0.98	0.98
ENH4X42*21**	*9MX*1002120A**	0.96	0.98	EHD4X48A**	*9MA*1202422A**	0.99	0.99
ENH4X48*21**	*9MX*1002120A**	0.99	0.99	EN(A,D)4X48*24**	*9MA*1202422A**	0.98	0.98
EA*4X42*24A*	*9MX*1202422A**	0.98	0.99	EA*4X42*21A*	*9MA*0602120A**	0.95	0.98
EA*4X48*24A*	*9MX*1202422A**	0.99	0.99	EA*4X48*21A*	*9MA*0602120A**	0.96	0.98
EHD4X42A**	*9MX*1202422A**	0.99	0.99	EHD4X42A**	*9MA*0602120A**	0.98	0.99
EHD4X48A**	*9MX*1202422A**	1.00	1.00	EHD4X48A**	*9MA*0602120A**	0.98	0.99
EN(A,D)4X48*24**	*9MX*1202422A**	0.99	0.99	EN(A,D,W)4X42*21**	*9MA*0602120A**	0.95	0.98
EA*4X48*17A*	*9MV*0601714A**	0.98	1.02	EN(A,D,W)4X48*21**	*9MA*0602120A**	0.98	0.99
EHD4X42A**	*9MV*0601714A**	0.98	1.02	ENH4X42*21**	*9MA*0602120A**	0.95	0.98
EHD4X48A**	*9MV*0601714A**	0.98	1.02	ENH4X48*21**	*9MA*0602120A**	0.98	0.99
END4X42*17**	*9MV*0601714A**	0.96	1.01	EA*4X42*21A*	NOMV156E19*	0.96	0.98
EA*4X48*17A*	*9MV*0801716A**	0.98	1.02	EA*4X48*21A*	NOMV156E19*	0.98	0.98
EHD4X42A**	*9MV*0801716A**	0.98	1.02	EHD4X42A**	NOMV156E19*	0.98	0.98
EHD4X48A**	*9MV*0801716A**	0.99	1.03	EHD4X48A**	NOMV156E19*	0.99	0.99
END4X42*17**	*9MV*0801716A**	0.96	1.01	EN(A,D,W)4X42*21**	NOMV156E19*	0.96	0.98
EA*4X42*21A*	*9MV*0802120A**	0.96	1.01	EN(A,D,W)4X48*21**	NOMV156E19*	0.98	0.98
EA*4X48*21A*	*9MV*0802120A**	0.98	0.98	ENH4X42*21**	NOMV156E19*	0.96	0.98
EHD4X42A**	*9MV*0802120A**	0.99	0.99	ENH4X48*21**	NOMV156E19*	0.98	0.98
EHD4X48A**	*9MV*0802120A**	0.99	0.99	EA*4X42*21A*	OLV112A16A	0.96	1.01
EN(A,D,W)4X42*21**	*9MV*0802120A**	0.96	1.01	EA*4X48*21A*	OLV112A16A	0.98	1.00
EN(A,D,W)4X48*21**	*9MV*0802120A**	0.99	0.99	EN(A,D,W)4X42*21**	OLV112A16A	0.96	1.01
ENH4X42*21**	*9MV*0802120A**	0.96	1.01	EN(A,D,W)4X48*21**	OLV112A16A	0.99	1.01
ENH4X48*21**	*9MV*0802120A**	0.99	0.99	EA*4X42*24A*	OLV154F20A	0.99	1.01
EA*4X42*21A*	*9MV*1002120A**	0.96	1.01	EA*4X48*24A*	OLV154F20A	1.00	1.00
EA*4X48*21A*	*9MV*1002120A**	0.98	0.98	EN(A,D)4X48*24**	OLV154F20A	1.00	1.00
EHD4X42A**	*9MV*1002120A**	0.99	0.99	EA*4X48*17A*	OMV112K14A	0.99	1.01
EHD4X48A**	*9MV*1002120A**	0.99	0.99	EHD4X42A**	OMV112K14A	0.99	1.01
EN(A,D,W)4X42*21**	*9MV*1002120A**	0.96	1.01	EHD4X48A**	OMV112K14A	0.99	1.01
EN(A,D,W)4X48*21**	*9MV*1002120A**	0.99	0.99	END4X42*17**	OMV112K14A	0.96	0.99
ENH4X42*21**	*9MV*1002120A**	0.96	1.01	EA*4X42*24A*	OMV154L20A	0.96	0.96
ENH4X48*21**	*9MV*1002120A**	0.99	0.99	EA*4X48*24A*	OMV154L20A	0.98	0.98
EA*4X42*24A*	*9MV*1202422A**	0.96	1.01	EHD4X42A**	OMV154L20A	0.99	0.97
EA*4X48*24A*	*9MV*1202422A**	0.99	0.99	EHD4X48A**	OMV154L20A	0.99	0.97
EHD4X42A**	*9MV*1202422A**	0.99	0.99	EN(A,D)4X48*24**	OMV154L20A	0.99	0.97
EHD4X48A**	*9MV*1202422A**	0.99	0.99	EA*4X42*21A*	MV16**21C*	0.98	0.98
EN(A,D)4X48*24**	*9MV*1202422A**	0.99	0.99	EA*4X42*24A*	MV20**24C*	0.98	0.98
EA*4X48*17A*	*9MA*0601714A**	0.96	0.99	EA*4X48*17A*	MV20**24C*	0.99	1.03
EHD4X42A**	*9MA*0601714A**	0.98	1.00	EA*4X48*17A*	MV12**17C*	0.99	0.99
EHD4X48A**	*9MA*0601714A**	0.98	1.00	EA*4X48*21A*		0.99	1.03
END4X42*17**	*9MA*0601714A**	0.96	1.01	EA*4X48*21A*	MV16**21C*	0.99	0.99
EA*4X48*17A*	*9MA*0801714A**	0.98	0.99	EA*4X48*24A*		0.99	1.03
EHD4X42A**	*9MA*0801714A**	0.98	0.99	EA*4X48*24A*	MV20**24C*	0.99	0.99
EHD4X48A**	*9MA*0801714A**	0.98	0.99	EHD4X42A**		0.99	1.03
END4X42*17**	*9MA*0801714A**	0.96	0.99	EHD4X42A**	MV12**17C*	0.99	0.99
EA*4X42*21A*	*9MA*0802120A**	0.96	0.98	EHD4X42A**	MV16**21C*	1.00	1.00
EA*4X48*21A*	*9MA*0802120A**	0.98	0.98	EHD4X42A**	MV20**24C*	0.99	0.99
EHD4X42A**	*9MA*0802120A**	0.98	0.98	EHD4X48A**		1.00	1.05
EHD4X48A**	*9MA*0802120A**	0.99	0.99	EHD4X48A**	MV12**17C*	1.00	1.00
EN(A,D,W)4X42*21**	*9MA*0802120A**	0.96	0.98	EHD4X48A**	MV16**21C*	1.00	1.00
EN(A,D,W)4X48*21**	*9MA*0802120A**	0.98	0.98	EHD4X48A**	MV20**24C*	0.99	0.99
ENH4X42*21**	*9MA*0802120A**	0.96	0.98	EN(A,D)4X48*24**		0.99	1.05
ENH4X48*21**	*9MA*0802120A**	0.98	0.98	EN(A,D)4X48*24**	MV20**24C*	0.99	0.99
EA*4X42*21A*	*9MA*1002122A**	0.96	0.98	EN(A,D,W)4X42*21**	MV16**21C*	0.98	0.98
EA*4X48*21A*	*9MA*1002122A**	0.98	0.98	EN(A,D,W)4X48*21**		0.99	1.05
EHD4X42A**	*9MA*1002122A**	0.99	0.99	EN(A,D,W)4X48*21**	MV16**21C*	0.99	0.99
EHD4X48A**	*9MA*1002122A**	0.99	0.97	END4X42*17**		0.98	1.04
EN(A,D,W)4X42*21**	*9MA*1002122A**	0.96	0.98	END4X42*17**	MV12**17C*	0.98	1.02
EN(A,D,W)4X48*21**	*9MA*1002122A**	0.99	0.97	ENH4X42*21**	MV16**21C*	0.98	0.98
ENH4X42*21**	*9MA*1002122A**	0.96	0.98	ENH4X48*21**		0.99	1.05
ENH4X48*21**	*9MA*1002122A**	0.99	0.97	ENH4X48*21**	MV16**21C*	0.99	0.99
EA*4X42*24A*	*9MA*1202422A**	0.96	0.98				

EXPANDED COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

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New ratings may be listed online before Specification Sheets are updated.

WCH4484GKA Outdoor With FEM4X60**B* Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
1400	MBh†	55.64	50.73	47.15	46.27	44.58	52.73	48.13	44.78	43.97	42.77	49.81	45.50	42.35	41.65	40.90	46.81	42.78	39.84	39.26	38.93	43.67	39.94	37.21	36.88	36.83
	S/T‡	0.51	0.69	0.71	0.89	1.00	0.52	0.70	0.73	0.91	1.00	0.53	0.72	0.74	0.94	1.00	0.54	0.74	0.76	0.96	1.00	0.55	0.76	0.79	1.00	1.00
	AMPS*	13.35	13.46	13.51	13.51	13.53	15.33	15.32	15.29	15.27	15.26	17.32	17.20	17.09	17.06	17.03	19.33	19.15	19.01	18.98	18.96	21.50	21.31	21.14	21.13	21.13
	HI PR	292	288	284	283	282	338	333	329	328	327	389	383	378	377	376	442	435	430	430	429	499	493	487	487	487
	LO PR	155	141	131	129	124	157	144	133	131	128	160	146	135	134	131	163	148	138	136	135	165	151	140	140	139
1600	MBh†	56.68	51.73	48.13	47.34	46.43	53.63	48.98	45.62	44.96	44.48	50.59	46.24	43.10	42.56	42.47	47.45	43.40	40.47	40.40	40.35	44.20	40.45	37.75	38.16	38.11
	S/T‡	0.52	0.72	0.74	0.93	1.00	0.53	0.74	0.76	0.96	1.00	0.54	0.76	0.78	1.00	1.00	0.56	0.78	0.80	1.00	1.00	0.57	0.81	0.83	1.00	1.00
	AMPS*	13.51	13.62	13.69	13.69	13.70	15.52	15.51	15.49	15.48	15.47	17.53	17.42	17.32	17.30	17.29	19.55	19.38	19.24	19.24	19.23	21.73	21.53	21.38	21.41	21.41
	HI PR	293	289	285	284	284	339	334	330	330	329	390	384	379	379	379	443	437	432	432	432	501	494	489	490	490
	LO PR	158	145	134	132	130	161	147	136	135	133	163	149	138	137	137	166	151	141	141	141	168	154	143	145	145
1800	MBh†	57.47	52.47	48.86	48.27	47.99	54.31	49.63	46.26	45.96	45.90	51.15	46.79	43.65	43.81	43.76	47.93	43.86	40.95	41.57	41.52	44.57	40.85	38.16	39.18	39.14
	S/T‡	0.54	0.75	0.77	0.97	1.00	0.55	0.77	0.79	1.00	1.00	0.56	0.79	0.81	1.00	1.00	0.58	0.82	0.84	1.00	1.00	0.59	0.85	0.87	1.00	1.00
	AMPS*	13.67	13.79	13.86	13.86	13.87	15.70	15.71	15.69	15.68	15.68	17.73	17.63	17.53	17.54	17.54	19.76	19.59	19.46	19.49	19.49	21.94	21.75	21.61	21.67	21.66
	HI PR	294	289	286	286	285	340	335	331	331	331	391	385	381	381	381	444	438	433	434	434	502	495	490	492	492
	LO PR	161	147	137	136	135	163	149	139	138	138	166	152	141	142	142	168	154	143	146	146	170	156	145	150	150

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBh/S/T for each degree below 80 F, or add 835 Btuh per 1000 cfm of indoor coil air from MBh/S/T for each degree above 80 F
†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4484GKA

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
*FEM4X60**B*		1.00	1.00	EN(A,D,W)4X48*21**	*8MV*1102120**	0.97	1.01
FCM4X48****		1.00	1.00	ENH4X48*21**	*8MV*1102120**	0.97	1.01
FCM4X60****		1.01	0.97	EA*4X48*24A*	*8MV*1352422**	0.97	1.01
FEM4X48**A*		0.99	1.03	EA*4X60*24A*	*8MV*1352422**	0.99	0.99
FEM4X48**B*		0.98	1.02	EHD4X48A**	*8MV*1352422**	0.98	1.02
FEM4X60**A*		1.00	1.05	EHD4X60A**	*8MV*1352422**	1.00	1.00
FS(M,U)4P48**A*		1.00	1.05	EN(A,D)4X48*24**	*8MV*1352422**	0.98	1.02
FS(M,U)4X60**A*		0.99	1.06	EN(A,D,W)4X60*24**	*8MV*1352422**	0.99	0.99
FVM4X48****		1.00	1.00	ENH4X60*24**	*8MV*1352422**	0.99	0.99
FVM4X60****		1.01	0.97	EHD4X60A**	*9MX*0801716A**	0.99	1.03
FXM4X48**A*		1.01	1.01	EA*4X48*21A*	*9MX*0802120A**	0.97	1.01
FXM4X60**A*		1.01	0.97	EA*4X60*21A*	*9MX*0802120A**	0.99	1.03
EA*4X48*21A*	*8MX*0902116**	0.97	1.01	EHD4X48A**	*9MX*0802120A**	0.98	1.02
EA*4X60*21A*	*8MX*0902116**	0.99	1.03	EHD4X60A**	*9MX*0802120A**	1.00	1.03
EHD4X48A**	*8MX*0902116**	0.98	1.02	EN(A,D,W)4X48*21**	*9MX*0802120A**	0.98	1.02
EHD4X60A**	*8MX*0902116**	1.00	1.03	ENH4X48*21**	*9MX*0802120A**	0.98	1.02
EN(A,D,W)4X48*21**	*8MX*0902116**	0.98	1.02	EA*4X48*21A*	*9MX*1002120A**	0.97	1.01
ENH4X48*21**	*8MX*0902116**	0.98	1.02	EA*4X60*21A*	*9MX*1002120A**	0.99	1.02
EA*4X48*21A*	*8MX*1102120**	0.97	1.01	EHD4X48A**	*9MX*1002120A**	0.98	1.02
EA*4X60*21A*	*8MX*1102120**	0.99	0.99	EHD4X60A**	*9MX*1002120A**	1.00	1.03
EHD4X48A**	*8MX*1102120**	0.98	1.00	EN(A,D,W)4X48*21**	*9MX*1002120A**	0.98	1.02
EHD4X60A**	*8MX*1102120**	1.00	1.00	ENH4X48*21**	*9MX*1002120A**	0.98	1.02
EN(A,D,W)4X48*21**	*8MX*1102120**	0.98	1.00	EA*4X48*24A*	*9MX*1202422A**	0.97	1.01
ENH4X48*21**	*8MX*1102120**	0.98	1.02	EA*4X60*24A*	*9MX*1202422A**	1.00	1.05
EA*4X48*24A*	*8MX*1352420**	0.97	1.01	EHD4X48A**	*9MX*1202422A**	0.98	1.02
EA*4X60*24A*	*8MX*1352420**	1.00	1.03	EHD4X60A**	*9MX*1202422A**	1.00	1.03
EHD4X48A**	*8MX*1352420**	0.98	1.02	EN(A,D)4X48*24**	*9MX*1202422A**	0.98	1.02
EHD4X60A**	*8MX*1352420**	1.00	1.03	EN(A,D,W)4X60*24**	*9MX*1202422A**	1.00	1.05
EN(A,D)4X48*24**	*8MX*1352420**	0.98	1.02	ENH4X60*24**	*9MX*1202422A**	1.00	1.05
EN(A,D,W)4X60*24**	*8MX*1352420**	1.00	1.03	EHD4X60A**	*9MV*0801716A**	0.99	1.03
ENH4X60*24**	*8MX*1352420**	1.00	1.03	EA*4X48*21A*	*9MV*0802120A**	0.97	1.01
EA*4X48*17A*	*8MV*0901716**	0.97	1.01	EA*4X60*21A*	*9MV*0802120A**	0.99	1.03
EHD4X48A**	*8MV*0901716**	0.98	1.02	EHD4X48A**	*9MV*0802120A**	0.98	1.02
EHD4X60A**	*8MV*0901716**	0.99	1.02	EHD4X60A**	*9MV*0802120A**	0.99	1.03
EA*4X48*21A*	*8MV*1102120**	0.97	1.01	EN(A,D,W)4X48*21**	*9MV*0802120A**	0.97	1.01
EA*4X60*21A*	*8MV*1102120**	0.99	1.03	ENH4X48*21**	*9MV*0802120A**	0.97	1.01
EHD4X48A**	*8MV*1102120**	0.98	1.02	EA*4X48*21A*	*9MV*1002120A**	0.97	1.01
EHD4X60A**	*8MV*1102120**	0.99	1.02	EA*4X60*21A*	*9MV*1002120A**	0.99	1.03

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4484GKA

Cooling Indoor Model	Furnace Model	Capacity	Power
EHD4X48A**	*9MV*1002120A**	0.98	1.02
EHD4X60A**	*9MV*1002120A**	1.00	1.05
EN(A,D,W)4X48*21**	*9MV*1002120A**	0.97	1.01
ENH4X48*21**	*9MV*1002120A**	0.97	1.01
EA*4X48*24A*	*9MV*1202422A**	0.97	1.01
EA*4X60*24A*	*9MV*1202422A**	0.99	1.03
EHD4X48A**	*9MV*1202422A**	0.98	1.02
EHD4X60A**	*9MV*1202422A**	1.00	1.05
EN(A,D)4X48*24**	*9MV*1202422A**	0.98	1.02
EN(A,D,W)4X60*24**	*9MV*1202422A**	0.99	1.03
ENH4X60*24**	*9MV*1202422A**	0.99	1.03
EA*4X48*21A*	*9MA*0802120A**	0.96	1.00
EA*4X60*21A*	*9MA*0802120A**	0.98	1.00
EHD4X48A**	*9MA*0802120A**	0.97	1.01
EHD4X60A**	*9MA*0802120A**	0.99	1.02
EN(A,D,W)4X48*21**	*9MA*0802120A**	0.97	1.01
ENH4X48*21**	*9MA*0802120A**	0.97	1.01
EA*4X48*21A*	*9MA*1002122A**	0.97	1.01
EA*4X60*21A*	*9MA*1002122A**	0.99	1.02
EHD4X48A**	*9MA*1002122A**	0.98	1.02
EHD4X60A**	*9MA*1002122A**	1.00	1.00
EN(A,D,W)4X48*21**	*9MA*1002122A**	0.97	1.01
ENH4X48*21**	*9MA*1002122A**	0.97	1.01
EA*4X48*24A*	*9MA*1202422A**	0.96	1.00
EA*4X60*24A*	*9MA*1202422A**	0.99	1.02
EHD4X48A**	*9MA*1202422A**	0.97	1.01
EHD4X60A**	*9MA*1202422A**	0.99	1.02
EN(A,D)4X48*24**	*9MA*1202422A**	0.97	1.01
EN(A,D,W)4X60*24**	*9MA*1202422A**	0.98	1.00
ENH4X60*24**	*9MA*1202422A**	0.98	1.00
EA*4X48*21A*	*9MA*0602120A**	0.96	1.02
EA*4X60*21A*	*9MA*0602120A**	0.98	1.02
EHD4X48A**	*9MA*0602120A**	0.97	1.01
EHD4X60A**	*9MA*0602120A**	0.98	1.02
EN(A,D,W)4X48*21**	*9MA*0602120A**	0.96	1.00
ENH4X48*21**	*9MA*0602120A**	0.96	1.00
EA*4X48*21A*	NOMV156E19*	0.97	1.01
EA*4X60*21A*	NOMV156E19*	0.99	1.03
EHD4X48A**	NOMV156E19*	0.98	1.02
EHD4X60A**	NOMV156E19*	0.99	1.03
EN(A,D,W)4X48*21**	NOMV156E19*	0.97	1.01
ENH4X48*21**	NOMV156E19*	0.97	1.01
EA*4X48*24A*	OLV154F20A	0.99	1.05
EA*4X60*24A*	OLV154F20A	1.01	1.06
EN(A,D)4X48*24**	OLV154F20A	0.99	1.05
EN(A,D,W)4X60*24**	OLV154F20A	1.01	1.06
EA*4X48*24A*	OMV154L20A	0.97	1.01
EA*4X60*24A*	OMV154L20A	0.99	1.03

Cooling Indoor Model	Furnace Model	Capacity	Power
EHD4X48A**	OMV154L20A	0.98	1.02
EHD4X60A**	OMV154L20A	1.00	1.03
EN(A,D)4X48*24**	OMV154L20A	0.98	1.02
EN(A,D,W)4X60*24**	OMV154L20A	0.99	1.03
ENH4X60*24**	OMV154L20A	0.99	1.02
EA*4X48*17A*		0.97	1.03
EA*4X48*21A*	MV16**21C*	0.98	1.02
EA*4X48*24A*	MV20**24C*	0.97	1.01
EA*4X60*21A*		1.00	1.06
EA*4X60*21A*	MV16**21C*	1.00	1.00
EA*4X60*24A*		1.00	1.06
EA*4X60*24A*	MV20**24C*	0.99	0.99
EHD4X48A**		0.99	1.08
EHD4X48A**	MV16**21C*	0.99	1.03
EHD4X48A**	MV20**24C*	0.98	1.02
EHD4X60A**		1.00	1.06
EHD4X60A**	MV16**21C*	1.00	1.00
EHD4X60A**	MV20**24C*	1.00	1.00
EN(A,D)4X48*24**		0.98	1.07
EN(A,D)4X48*24**	MV20**24C*	0.98	1.02
EN(A,D,W)4X48*21**		0.98	1.07
EN(A,D,W)4X48*21**	MV16**21C*	0.98	1.02
EN(A,D,W)4X60*24**		1.00	1.06
EN(A,D,W)4X60*24**	MV20**24C*	0.99	0.99
ENH4X48*21**		0.98	1.07
ENH4X48*21**	MV16**21C*	0.98	1.02
ENH4X60*24**		1.00	1.06
ENH4X60*24**	MV20**24C*	0.99	0.99

EXPANDED COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

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WCH4604GKA Outdoor With FEM4X60**B* Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57					
1750	MBh†	70.73	64.53	59.98	58.84	56.42	67.52	61.60	57.26	56.19	54.34	64.13	58.50	54.38	53.40	52.13	60.51	55.17	51.29	50.44	49.74					
	S/T‡	0.51	0.69	0.72	0.90	1.00	0.52	0.70	0.73	0.92	1.00	0.53	0.72	0.75	0.94	1.00	0.54	0.74	0.76	0.96	1.00					
	AMPS*	18.49	18.16	17.92	17.87	17.75	20.37	20.02	19.77	19.72	19.62	22.47	22.12	21.86	21.81	21.74	24.85	24.49	24.24	24.19	24.15					
	HI PR	293	287	283	282	280	337	331	326	325	323	385	378	373	372	371	437	430	424	423	422					
	LO PR	152	139	129	127	122	154	141	131	129	125	157	143	133	131	128	159	146	135	134	132					
2000	MBh†	72.07	65.81	61.24	60.17	58.79	68.70	62.75	58.38	57.44	56.55	65.16	59.47	55.35	54.58	54.17	61.41	56.03	52.15	51.68	51.61					
	S/T‡	0.53	0.72	0.75	0.94	1.00	0.54	0.74	0.76	0.96	1.00	0.54	0.75	0.78	0.98	1.00	0.56	0.78	0.80	1.00	1.00					
	AMPS*	18.87	18.52	18.28	18.23	18.16	20.74	20.39	20.13	20.09	20.04	22.84	22.48	22.22	22.18	22.15	25.22	24.85	24.60	24.57	24.57					
	HI PR	295	289	285	284	282	339	333	328	327	326	387	380	375	374	374	438	431	426	425	425					
	LO PR	156	142	132	130	127	158	144	134	132	130	160	146	136	135	134	162	149	138	137	137					
2250	MBh†	73.06	66.76	62.17	61.32	60.75	69.59	63.58	59.22	58.51	58.38	65.93	60.23	56.09	55.92	55.86	62.05	56.67	52.78	53.21	53.13					
	S/T‡	0.54	0.75	0.78	0.98	1.00	0.55	0.77	0.79	1.00	1.00	0.56	0.79	0.81	1.00	1.00	0.57	0.81	0.84	1.00	1.00					
	AMPS*	19.23	18.87	18.62	18.59	18.56	21.10	20.74	20.48	20.44	20.44	23.20	22.83	22.56	22.56	22.55	25.56	25.20	24.94	24.97	24.96					
	HI PR	296	290	286	285	284	340	334	329	328	328	388	381	376	376	376	440	433	427	428	428					
	LO PR	158	145	135	133	132	160	147	136	135	135	163	149	138	139	138	165	151	140	142	142					

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree below 80 F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree above 80 F

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: WCH4604GKA

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
*FXM4X60**A*		1.00	1.00	ENH4X60*24**	*9MX*1202422A**	0.97	1.02
FCM4X60****		1.00	1.00	EA*4X60*21A*	*9MV*1002120A**	0.97	1.02
FEM4X60**A*		1.00	1.05	EHD4X60A**	*9MV*1002120A**	0.98	1.03
FVM4X60****		1.00	1.00	EHD4X60A**	*9MA*0802120A**	0.97	1.02
EA*4X60*21A*	*8MX*1102120**	0.98	1.01	EA*4X60*21A*	*9MA*1002122A**	0.97	1.02
EHD4X60A**	*8MX*1102120**	0.98	1.01	EHD4X60A**	*9MA*1002122A**	0.98	1.01
EA*4X60*24A*	*8MX*1352420**	0.97	1.02	EA*4X60*24A*	*9MA*1202422A**	0.97	1.02
EHD4X60A**	*8MX*1352420**	0.98	1.01	EHD4X60A**	*9MA*1202422A**	0.98	1.01
EN(A,D,W)4X60*24**	*8MX*1352420**	0.97	1.00	EN(A,D,W)4X60*24**	*9MA*1202422A**	0.97	1.02
ENH4X60*24**	*8MX*1352420**	0.97	1.00	ENH4X60*24**	*9MA*1202422A**	0.97	1.02
EA*4X60*21A*	*8MV*1102120**	0.97	1.02	EA*4X60*21A*		0.98	1.05
EHD4X60A**	*8MV*1102120**	0.98	1.03	EA*4X60*21A*	MV16**21C*	0.98	1.03
EA*4X60*24A*	*8MV*1352422**	0.98	1.01	EA*4X60*24A*		0.98	1.05
EHD4X60A**	*8MV*1352422**	0.98	1.01	EA*4X60*24A*	MV20**24C*	0.98	1.03
EN(A,D,W)4X60*24**	*8MV*1352422**	0.98	1.01	EHD4X60A**		0.98	1.03
ENH4X60*24**	*8MV*1352422**	0.98	1.01	EHD4X60A**	MV16**21C*	0.99	1.04
EHD4X60A**	*9MX*0802120A**	0.97	1.02	EHD4X60A**	MV20**24C*	0.98	1.03
EHD4X60A**	*9MX*1002120A**	0.98	1.03	EN(A,D,W)4X60*24**	EN(A,D,W)4X60*24**	0.97	1.02
EA*4X60*24A*	*9MX*1202422A**	0.97	1.02	EN(A,D,W)4X60*24**	MV20**24C*	0.98	1.03
EHD4X60A**	*9MX*1202422A**	0.98	1.01	ENH4X60*24**		0.97	1.02
EN(A,D,W)4X60*24**	*9MX*1202422A**	0.97	1.02	ENH4X60*24**	MV20**24C*	0.98	1.03

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

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WCH4184GKA Outdoor With FEM4P18**A* Indoor Heating

Outdoor Ambient Temperature - Degrees F, Dry Bulb

-3 7 17 27 37 47 57 67

Entering Indoor Temperature - Degrees F, Dry Bulb

CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
525	MBh†	5.26	4.98	4.65	7.45	7.15	6.83	9.80	9.49	9.15	12.54	12.28	11.98	15.07	14.79	14.49	17.87	17.54	17.21
	T/R	9.60	9.10	8.50	13.60	13.00	12.40	17.90	17.30	16.60	22.90	22.40	21.80	27.50	27.00	26.40	32.70	32.00	31.30
	AMPS*	4.49	4.69	4.90	4.73	4.94	5.17	4.96	5.20	5.44	5.25	5.50	5.77	5.51	5.79	6.07	5.85	6.13	6.43
	HI PR	218	233	249	233	249	265	250	267	284	272	289	308	293	312	330	319	338	357
	LO PR	40	40	40	51	51	51	63	63	64	76	77	77	92	93	93	110	110	111
600	MBh†	5.36	5.08	4.74	7.56	7.27	6.95	9.95	9.64	9.31	12.70	12.45	12.16	15.26	14.98	14.69	18.13	17.80	17.46
	T/R	8.60	8.10	7.50	12.10	11.60	11.10	15.90	15.40	14.80	20.30	19.90	19.30	24.40	23.90	23.40	29.00	28.40	27.80
	AMPS*	4.51	4.71	4.92	4.72	4.94	5.16	4.93	5.16	5.40	5.17	5.43	5.70	5.41	5.68	5.96	5.72	6.00	6.29
	HI PR	215	230	246	229	245	261	244	261	278	263	281	299	283	301	320	307	325	345
	LO PR	40	40	40	50	51	51	63	63	63	76	77	77	92	92	93	109	110	111
672	MBh†	5.44	5.16	4.83	7.65	7.37	7.05	10.07	9.77	9.43	12.83	12.58	12.30	15.42	15.14	14.85	18.32	18.00	17.67
	T/R	7.80	7.30	6.90	10.90	10.50	10.00	14.40	13.90	13.40	18.30	17.90	17.50	22.00	21.60	21.10	26.20	25.60	25.10
	AMPS*	4.53	4.73	4.94	4.72	4.94	5.17	4.91	5.15	5.39	5.13	5.39	5.66	5.35	5.61	5.90	5.63	5.91	6.20
	HI PR	212	228	244	225	241	258	239	256	273	256	275	293	275	293	312	297	316	335
	LO PR	40	40	40	50	51	51	63	63	63	76	76	77	92	92	93	109	110	110

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

T/R - Temp Rise is based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4184GKA

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
*FEM4X18**B*		1.00	1.00	EN(A,D)4X18*14**	*9MV*0401410A**	1.00	1.04
FCM4X24****		0.99	0.97	EN(A,D)4X24*14**	*9MV*0401410A**	1.00	1.01
FEA4X18**A*		1.00	1.00	EA*4X24*17A*	*9MV*0601714A**	1.00	0.97
FEA4X24**A*		1.00	0.97	EHD4X24A**	*9MV*0601714A**	0.99	1.00
FEM4P18**A*		1.00	0.99	EN(A,D)4X24*17**	*9MV*0601714A**	1.00	0.98
FEM4P24**A*		1.00	1.00	ENH4X24*17**	*9MV*0601714A**	1.00	0.98
FEM4X18**A*		1.00	0.99	EA*4X24*17A*	*9MV*0801716A**	1.01	0.96
FEM4X24**A*		1.00	0.98	EHD4X24A**	*9MV*0801716A**	1.00	0.99
FEM4X24**B*		1.00	1.00	EN(A,D)4X24*17**	*9MV*0801716A**	1.00	0.97
FS(M,U)4P18**A*		1.02	1.06	ENH4X24*17**	*9MV*0801716A**	1.00	0.97
FS(M,U)4P24**A*		1.02	1.05	EHD4X24A**	*9MV*0802120A**	1.01	0.97
FVM4X24****		0.99	0.97	EHD4X24A**	*9MV*1002120A**	1.01	0.96
FXM4X18**A*		1.00	0.96	EHD4X24A**	*9MV*1202422A**	1.01	0.97
FXM4X24**A*		1.01	0.97	EA*4X24*17A*	*9MA*0601714A**	0.99	1.00
EA*4X18*14A*	*8MX*0451408**	0.99	1.00	EHD4X24A**	*9MA*0601714A**	0.99	0.99
EA*4X24*14A*	*8MX*0451408**	1.00	0.98	EN(A,D)4X24*17**	*9MA*0601714A**	0.99	0.99
EHD4X24A**	*8MX*0451408**	1.00	0.98	ENH4X24*17**	*9MA*0601714A**	0.99	0.99
EN(A,D)4X18*14**	*8MX*0451408**	0.99	1.00	EA*4X24*17A*	*9MA*0801714A**	0.98	1.00
EN(A,D)4X24*14**	*8MX*0451408**	1.00	0.98	EHD4X24A**	*9MA*0801714A**	0.98	0.99
EA*4X18*14A*	*8MV*0701412**	0.98	1.02	EN(A,D)4X24*17**	*9MA*0801714A**	0.98	0.99
EA*4X24*14A*	*8MV*0701412**	0.98	1.00	ENH4X24*17**	*9MA*0801714A**	0.98	0.99
EHD4X24A**	*8MV*0701412**	0.99	0.99	EHD4X24A**	*9MA*0602120A**	0.99	0.99
EN(A,D)4X18*14**	*8MV*0701412**	0.98	1.00	EA*4X24*17A*	NOMV106D12*	0.99	0.98
EN(A,D)4X24*14**	*8MV*0701412**	0.99	0.99	EHD4X24A**	NOMV106D12*	0.99	0.98
EA*4X24*17A*	*8MV*0901716**	0.98	0.99	EN(A,D)4X24*17**	NOMV106D12*	0.99	0.98
EHD4X24A**	*8MV*0901716**	0.99	0.99	ENH4X24*17**	NOMV106D12*	0.99	0.98
EN(A,D)4X24*17**	*8MV*0901716**	0.99	0.99	EA*4X24*17A*	OLV098A12A	1.00	0.97
ENH4X24*17**	*8MV*0901716**	0.99	0.99	EN(A,D)4X24*17**	OLV098A12A	1.01	0.97
EA*4X18*14A*	*9MX*0401410A**	0.98	1.04	EA*4X24*17A*	OMV098J12A	1.01	0.97
EA*4X24*14A*	*9MX*0401410A**	0.99	1.01	EHD4X24A**	OMV098J12A	1.02	0.98
EHD4X24A**	*9MX*0401410A**	0.99	1.02	EN(A,D)4X24*17**	OMV098J12A	1.01	0.97
EN(A,D)4X18*14**	*9MX*0401410A**	0.98	1.03	ENH4X24*17**	OMV098J12A	1.01	0.97
EN(A,D)4X24*14**	*9MX*0401410A**	0.99	1.02	EA*4X18*14A*	MV08**14C*	0.98	1.00
EA*4X18*14A*	*9MV*0401410A**	0.99	1.04	EA*4X24*14A*	MV08**14C*	0.99	0.98
EA*4X24*14A*	*9MV*0401410A**	1.00	1.01	EHD4X24A**	MV08**14C*	0.99	0.98
EHD4X24A**	*9MV*0401410A**	1.00	1.02	EN(A,D)4X18*14**	MV08**14C*	0.99	0.99
				EN(A,D)4X24*14**	MV08**14C*	0.99	0.98

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

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WCH4244GKA Outdoor With FEM4P30**A* Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
700	MBH†	8.16	7.91	7.61	10.90	10.43	10.10	13.40	13.18	12.95	16.18	15.91	15.64	19.34	19.02	18.69	22.60	22.40	22.11	25.17	25.05	24.85	27.41	27.30	27.15
	T/R	11.90	11.50	11.00	15.80	15.10	14.60	19.50	19.10	18.70	23.50	23.10	22.60	28.10	27.60	27.00	32.80	32.50	32.00	36.60	36.30	35.90	39.80	39.60	39.30
	AMPS*	5.97	6.22	6.50	6.28	6.53	6.81	6.53	6.82	7.14	6.82	7.13	7.45	7.20	7.51	7.85	7.55	7.93	8.32	7.87	8.26	8.67	8.19	8.59	9.01
	HI PR	225	241	258	241	256	274	256	274	292	275	293	312	299	317	337	322	343	365	343	365	386	363	384	407
	LO PR	38	38	39	49	49	49	61	61	62	75	76	76	91	92	92	108	109	110	120	122	124	131	133	135
800	MBH†	8.30	8.03	7.74	11.03	10.63	10.26	13.55	13.33	13.11	16.38	16.11	15.83	19.58	19.26	18.93	22.41	22.30	22.20	24.71	24.70	24.61	26.51	26.63	26.59
	T/R	10.50	10.20	9.80	14.00	13.50	13.00	17.20	16.90	16.60	20.80	20.40	20.00	24.90	24.40	23.90	28.50	28.30	28.10	31.40	31.30	31.10	33.70	33.80	33.60
	AMPS*	6.01	6.26	6.53	6.29	6.54	6.82	6.50	6.80	7.11	6.77	7.08	7.40	7.12	7.44	7.77	7.38	7.75	8.14	7.65	8.04	8.44	7.88	8.30	8.72
	HI PR	221	238	254	235	251	268	249	267	285	267	285	303	289	307	326	307	328	349	325	347	369	339	363	385
	LO PR	38	38	38	49	49	49	61	61	62	75	75	76	91	91	92	105	107	109	116	118	121	125	128	130
900	MBH†	8.40	8.14	7.86	11.15	10.94	10.41	13.69	13.47	13.23	16.54	16.27	15.99	19.75	19.45	19.13	22.15	22.14	22.06	24.13	24.24	24.26	25.49	25.77	25.97
	T/R	9.50	9.20	8.80	12.60	12.30	11.70	15.50	15.20	14.90	18.70	18.30	18.00	22.30	21.90	21.50	25.00	25.00	24.80	27.30	27.30	27.30	28.80	29.10	29.20
	AMPS*	6.06	6.31	6.58	6.31	6.59	6.85	6.51	6.80	7.11	6.75	7.06	7.38	7.08	7.41	7.74	7.28	7.64	8.02	7.50	7.89	8.29	7.65	8.07	8.51
	HI PR	218	235	252	231	248	264	244	261	279	260	278	297	281	299	318	296	316	337	311	333	355	320	344	368
	LO PR	38	38	38	49	49	49	61	61	61	75	75	76	91	91	92	102	104	106	112	115	117	118	122	126

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
T/R - Temp Rise is based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4244GKA

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
*FEM4X30**B*		1.00	1.00	EA*4X24*14A*	*9MX*0401410A**	1.05	1.06
FCM4X24****		0.98	0.94	EA*4X30*14A*	*9MX*0401410A**	1.05	1.06
FCM4X36****		0.97	0.94	EHD4X24A**	*9MX*0401410A**	1.05	1.05
FEA4X24**A*		1.00	1.00	EHD4X30A**	*9MX*0401410A**	1.05	1.03
FEA4X30**A*		0.98	0.97	EN(A,D)4X24*14**	*9MX*0401410A**	1.05	1.04
FEM4P24**A*		1.00	1.02	EN(A,D)4X30*14**	*9MX*0401410A**	1.05	1.06
FEM4P30**A*		1.01	1.01	EA*4X24*17A*	*9MX*0601714A**	1.00	0.98
FEM4X24**B*		1.00	1.02	EA*4X30*17A*	*9MX*0601714A**	1.00	0.97
FS(M,U)4P24**A*		1.01	1.04	EHD4X24A**	*9MX*0601714A**	1.00	0.99
FS(M,U)4P30**A*		1.00	1.02	EHD4X30A**	*9MX*0601714A**	1.01	0.98
FVM4X24****		0.98	0.94	EN(A,D)4X24*17**	*9MX*0601714A**	1.01	0.99
FVM4X36****		0.97	0.94	EN(A,D)4X30*17**	*9MX*0601714A**	1.00	0.97
FXM4X24**A*		1.00	0.98	ENH4X24*17**	*9MX*0601714A**	1.01	0.99
FXM4X30**A*		0.97	0.96	ENH4X30*17**	*9MX*0601714A**	1.00	0.97
EA*4X24*14A*	*8MX*0451408**	1.01	0.99	EA*4X24*14A*	*9MV*0401410A**	1.02	1.04
EA*4X30*14A*	*8MX*0451408**	1.00	0.97	EA*4X30*14A*	*9MV*0401410A**	1.01	1.02
EHD4X24A**	*8MX*0451408**	1.01	0.98	EHD4X24A**	*9MV*0401410A**	1.02	1.03
EHD4X30A**	*8MX*0451408**	1.05	1.00	EHD4X30A**	*9MV*0401410A**	1.03	1.02
EN(A,D)4X24*14**	*8MX*0451408**	1.03	0.99	EN(A,D)4X24*14**	*9MV*0401410A**	1.02	1.02
EN(A,D)4X30*14**	*8MX*0451408**	1.00	0.97	EN(A,D)4X30*14**	*9MV*0401410A**	1.01	1.02
EA*4X24*14A*	*8MV*0701412**	1.00	0.99	EA*4X24*17A*	*9MV*0601714A**	1.00	0.99
EA*4X30*14A*	*8MV*0701412**	1.00	0.99	EA*4X30*17A*	*9MV*0601714A**	1.00	0.98
EHD4X24A**	*8MV*0701412**	1.01	0.99	EHD4X24A**	*9MV*0601714A**	1.00	0.99
EHD4X30A**	*8MV*0701412**	1.01	0.98	EHD4X30A**	*9MV*0601714A**	1.01	0.98
EN(A,D)4X24*14**	*8MV*0701412**	1.01	0.98	EN(A,D)4X24*17**	*9MV*0601714A**	1.01	0.99
EN(A,D)4X30*14**	*8MV*0701412**	1.00	0.98	EN(A,D)4X30*17**	*9MV*0601714A**	1.00	0.98
EA*4X24*17A*	*8MV*0901716**	1.00	0.98	ENH4X24*17**	*9MV*0601714A**	1.01	0.99
EA*4X30*17A*	*8MV*0901716**	1.00	0.97	ENH4X30*17**	*9MV*0601714A**	1.00	0.98
EHD4X24A**	*8MV*0901716**	1.01	0.98	EA*4X24*17A*	*9MV*0801716A**	1.00	0.98
EHD4X30A**	*8MV*0901716**	1.01	0.97	EA*4X30*17A*	*9MV*0801716A**	1.00	0.97
EN(A,D)4X24*17**	*8MV*0901716**	1.01	0.97	EHD4X24A**	*9MV*0801716A**	1.00	0.98
EN(A,D)4X30*17**	*8MV*0901716**	1.00	0.97	EHD4X30A**	*9MV*0801716A**	1.01	0.97
ENH4X24*17**	*8MV*0901716**	1.01	0.97	EN(A,D)4X24*17**	*9MV*0801716A**	1.01	0.98
ENH4X30*17**	*8MV*0901716**	1.00	0.97	EN(A,D)4X30*17**	*9MV*0801716A**	1.00	0.96
EHD4X24A**	*8MV*1102120**	1.01	0.98	ENH4X24*17**	*9MV*0801716A**	1.01	0.98
EHD4X30A**	*8MV*1102120**	1.01	0.97	ENH4X30*17**	*9MV*0801716A**	1.00	0.96
EHD4X24A**	*8MV*1352422**	1.01	0.98	EHD4X24A**	*9MV*0802120A**	1.00	0.99
EHD4X30A**	*8MV*1352422**	1.01	0.97	EHD4X30A**	*9MV*0802120A**	1.01	0.97

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4244GKA

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
EHD4X24A**	*9MV*1002120A**	1.00	0.99	EN(A,D)4X30*17**	OLV098A12A	1.00	0.96
EHD4X30A**	*9MV*1002120A**	1.01	0.96	EA*4X24*17A*	OMV098J12A	1.01	0.99
EHD4X24A**	*9MV*1202422A**	1.00	0.98	EA*4X30*17A*	OMV098J12A	1.00	0.97
EHD4X30A**	*9MV*1202422A**	1.01	0.97	EHD4X24A**	OMV098J12A	1.05	1.01
EA*4X24*17A*	*9MA*0601714A**	1.00	0.99	EHD4X30A**	OMV098J12A	1.05	1.00
EA*4X30*17A*	*9MA*0601714A**	1.00	0.98	EN(A,D)4X24*17**	OMV098J12A	1.05	1.01
EHD4X24A**	*9MA*0601714A**	1.01	0.99	EN(A,D)4X30*17**	OMV098J12A	1.00	0.97
EHD4X30A**	*9MA*0601714A**	1.01	0.98	ENH4X24*17**	OMV098J12A	1.05	1.01
EN(A,D)4X24*17**	*9MA*0601714A**	1.01	0.99	ENH4X30*17**	OMV098J12A	1.00	0.97
EN(A,D)4X30*17**	*9MA*0601714A**	1.00	0.98	EA*4X24*17A*	OMV112K14A	1.00	0.98
ENH4X24*17**	*9MA*0601714A**	1.01	0.99	EA*4X30*17A*	OMV112K14A	1.00	0.97
ENH4X30*17**	*9MA*0601714A**	1.00	0.98	EHD4X24A**	OMV112K14A	1.01	0.98
EA*4X24*17A*	*9MA*0801714A**	1.00	0.99	EHD4X30A**	OMV112K14A	1.01	0.96
EA*4X30*17A*	*9MA*0801714A**	1.00	0.99	EN(A,D)4X24*17**	OMV112K14A	1.01	0.97
EHD4X24A**	*9MA*0801714A**	1.01	0.99	EN(A,D)4X30*17**	OMV112K14A	1.00	0.97
EHD4X30A**	*9MA*0801714A**	1.01	0.98	ENH4X24*17**	OMV112K14A	1.01	0.97
EN(A,D)4X24*17**	*9MA*0801714A**	1.01	0.99	ENH4X30*17**	OMV112K14A	1.00	0.97
EN(A,D)4X30*17**	*9MA*0801714A**	1.00	0.99	EA*4X24*14A*	MV08**14C*	1.00	0.98
ENH4X24*17**	*9MA*0801714A**	1.01	0.99	EA*4X24*17A*	MV12**17C*	1.00	0.97
ENH4X30*17**	*9MA*0801714A**	1.00	0.99	EA*4X30*14A*		1.03	1.06
EHD4X24A**	*9MA*0802120A**	1.05	1.00	EA*4X30*14A*	MV08**14C*	1.00	0.98
EHD4X30A**	*9MA*0802120A**	1.01	0.95	EA*4X30*17A*		1.03	1.06
EHD4X24A**	*9MA*1002122A**	1.05	1.00	EA*4X30*17A*	MV12**17C*	1.00	0.96
EHD4X30A**	*9MA*1002122A**	1.01	0.95	EHD4X24A**		1.03	1.05
EHD4X24A**	*9MA*1202422A**	1.01	0.98	EHD4X24A**	MV08**14C*	1.01	0.98
EHD4X30A**	*9MA*1202422A**	1.01	0.96	EHD4X24A**	MV12**17C*	1.01	0.97
EHD4X24A**	*9MA*0602120A**	1.01	0.98	EHD4X30A**		1.05	1.06
EHD4X30A**	*9MA*0602120A**	1.01	0.97	EHD4X30A**	MV08**14C*	1.00	0.96
EA*4X24*17A*	NOMV106D12*	1.00	0.99	EHD4X30A**	MV12**17C*	1.01	0.96
EA*4X30*17A*	NOMV106D12*	1.00	0.98	EN(A,D)4X24*14**		1.04	1.05
EHD4X24A**	NOMV106D12*	1.01	0.99	EN(A,D)4X24*14**	MV08**14C*	1.01	0.97
EHD4X30A**	NOMV106D12*	1.01	0.98	EN(A,D)4X24*17**	MV12**17C*	1.01	0.96
EN(A,D)4X24*17**	NOMV106D12*	1.01	0.99	EN(A,D)4X30*14**		1.03	1.06
EN(A,D)4X30*17**	NOMV106D12*	1.00	0.98	EN(A,D)4X30*14**	MV08**14C*	1.00	0.97
ENH4X24*17**	NOMV106D12*	1.01	0.99	EN(A,D)4X30*17**	MV12**17C*	1.00	0.96
ENH4X30*17**	NOMV106D12*	1.00	0.98	ENH4X24*17**	MV12**17C*	1.01	0.96
EA*4X24*17A*	OLV098A12A	1.01	0.99	ENH4X30*17**		1.03	1.06
EA*4X30*17A*	OLV098A12A	1.00	0.97	ENH4X30*17**	MV12**17C*	1.00	0.96
EN(A,D)4X24*17**	OLV098A12A	1.05	1.01				

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.org.

New ratings may be listed online before Specification Sheets are updated.

WCH4304GKA Outdoor With FEM4P30**A* Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75			
875	MBH†	10.46	9.95	9.42	13.80	13.29	12.76	17.42	16.91	16.37	21.91	20.95	20.32	25.80	25.40	25.01	30.06	29.61	29.18	35.04	34.46	33.89	40.79	40.09	39.38
	T/R	11.60	11.00	10.40	15.30	14.70	14.00	19.30	18.70	18.00	24.20	23.10	22.40	28.50	28.00	27.50	33.20	32.70	32.10	38.70	38.00	37.30	45.10	44.20	43.40
	AMPS*	8.10	8.46	8.83	8.52	8.89	9.28	8.93	9.32	9.73	9.45	9.80	10.22	9.91	10.37	10.87	10.40	10.87	11.37	11.00	11.49	12.00	11.76	12.31	12.89
	HI PR	224	239	255	239	255	271	257	274	291	281	295	313	303	322	342	327	346	366	356	375	395	390	412	434
	LO PR	36	36	36	46	47	47	58	59	59	71	72	72	86	87	87	103	104	104	122	122	123	144	144	145
1000	MBH†	10.66	10.15	9.61	14.04	13.54	13.00	17.71	17.19	16.66	22.20	21.78	20.67	26.13	25.73	25.33	30.48	30.00	29.54	35.60	35.00	34.42	41.38	40.76	40.09
	T/R	10.30	9.80	9.30	13.60	13.10	12.50	17.10	16.60	16.00	21.50	21.00	19.90	25.30	24.80	24.40	29.50	29.00	28.50	34.40	33.80	33.20	40.00	39.40	38.60
	AMPS*	8.15	8.51	8.88	8.54	8.91	9.30	8.91	9.30	9.71	9.37	9.80	10.15	9.78	10.23	10.72	10.22	10.68	11.17	10.76	11.24	11.74	11.37	11.90	12.46
	HI PR	221	236	252	235	251	267	251	267	284	272	290	305	292	311	331	315	333	353	341	360	380	370	391	412
	LO PR	36	36	36	46	47	47	58	58	59	71	72	72	86	87	87	103	103	104	122	122	123	143	143	144
1125	MBH†	10.84	10.33	9.78	14.25	13.74	13.21	17.95	17.44	16.90	22.44	22.04	20.99	26.42	26.00	25.58	30.82	30.34	29.89	36.06	35.45	34.86	41.73	41.15	40.55
	T/R	9.30	8.90	8.40	12.30	11.80	11.30	15.40	15.00	14.50	19.30	18.90	18.00	22.70	22.30	21.90	26.50	26.00	25.60	31.00	30.40	29.80	35.90	35.30	34.70
	AMPS*	8.22	8.58	8.95	8.58	8.95	9.34	8.91	9.31	9.72	9.34	9.76	10.12	9.70	10.15	10.63	10.11	10.56	11.04	10.61	11.07	11.57	11.11	11.63	12.17
	HI PR	218	233	249	231	247	264	246	262	280	265	283	298	284	303	322	305	323	343	330	349	368	354	375	396
	LO PR	36	36	36	46	46	47	58	58	59	71	71	72	86	86	87	102	103	104	121	122	122	141	142	143

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

T/R - Temp Rise is based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4304GKA

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
*FEM4X30**B*		1.00	1.00	EHD4X30A**	*8MV*1102120**	0.99	0.98
FCM4X24****		0.99	0.98	EHD4X36A**	*8MV*1102120**	0.99	0.97
FCM4X36****		0.98	0.97	EN(A,D)4X36*21**	*8MV*1102120**	0.99	1.00
FEA4X30**A*		1.00	1.01	EHD4X30A**	*8MV*1352422**	0.99	0.98
FEA4X36**A*		1.01	1.01	EHD4X36A**	*8MV*1352422**	0.99	0.96
FEM4P30**A*		1.00	1.00	EA*4X30*17A*	*9MX*0601714A**	0.99	1.00
FEM4X35**A*		1.01	1.01	EA*4X36*17A*	*9MX*0601714A**	0.99	1.00
FEM4X36**B*		1.00	1.00	EHD4X30A**	*9MX*0601714A**	1.00	0.99
FS(M,U)4P30**A*		1.01	1.01	EHD4X36A**	*9MX*0601714A**	1.01	0.98
FS(M,U)4P36**A*		1.01	1.03	EN(A,D)4X30*17**	*9MX*0601714A**	0.99	1.00
FVM4X24****		0.99	0.98	EN(A,D,W)4X36*17**	*9MX*0601714A**	0.99	1.00
FVM4X36****		0.98	0.97	ENH4X30*17**	*9MX*0601714A**	0.99	1.00
FXM4X30**A*		1.00	0.98	ENH4X36*17**	*9MX*0601714A**	0.99	1.00
FXM4X36**A*		1.01	0.96	EA*4X30*17A*	*9MX*0801716A**	1.00	0.99
EA*4X30*17A*	*8MX*0701716**	0.99	1.00	EA*4X36*17A*	*9MX*0801716A**	1.00	0.99
EA*4X36*17A*	*8MX*0701716**	0.99	1.00	EHD4X30A**	*9MX*0801716A**	1.01	0.98
EHD4X30A**	*8MX*0701716**	1.00	0.99	EHD4X36A**	*9MX*0801716A**	1.01	0.97
EHD4X36A**	*8MX*0701716**	1.00	0.98	EN(A,D)4X30*17**	*9MX*0801716A**	1.00	1.00
EN(A,D)4X30*17**	*8MX*0701716**	0.99	1.00	EN(A,D,W)4X36*17**	*9MX*0801716A**	1.00	1.00
EN(A,D,W)4X36*17**	*8MX*0701716**	0.99	1.00	ENH4X30*17**	*9MX*0801716A**	1.00	1.00
ENH4X30*17**	*8MX*0701716**	0.99	1.00	ENH4X36*17**	*9MX*0801716A**	1.00	1.00
ENH4X36*17**	*8MX*0701716**	0.99	1.00	EA*4X30*17A*	*9MV*0601714A**	0.99	1.01
EA*4X36*21A*	*8MX*0902116**	0.99	0.98	EA*4X36*17A*	*9MV*0601714A**	0.99	1.00
EHD4X30A**	*8MX*0902116**	0.99	0.98	EHD4X30A**	*9MV*0601714A**	0.99	1.00
EHD4X36A**	*8MX*0902116**	1.00	0.97	EHD4X36A**	*9MV*0601714A**	0.99	0.98
EN(A,D)4X36*21**	*8MX*0902116**	0.99	0.99	EN(A,D)4X30*17**	*9MV*0601714A**	0.99	1.01
EA*4X30*14A*	*8MV*0701412**	0.99	1.01	EN(A,D,W)4X36*17**	*9MV*0601714A**	0.99	1.01
EA*4X36*14A*	*8MV*0701412**	0.99	1.00	ENH4X30*17**	*9MV*0601714A**	0.99	1.01
EHD4X30A**	*8MV*0701412**	0.99	0.99	ENH4X36*17**	*9MV*0601714A**	0.99	1.01
EHD4X36A**	*8MV*0701412**	0.99	0.98	EA*4X30*17A*	*9MV*0801716A**	0.99	1.00
EN(A,D)4X30*14**	*8MV*0701412**	0.99	1.01	EA*4X36*17A*	*9MV*0801716A**	0.99	0.99
EA*4X30*17A*	*8MV*0901716**	0.98	1.00	EHD4X30A**	*9MV*0801716A**	0.99	0.99
EA*4X36*17A*	*8MV*0901716**	0.98	0.99	EHD4X36A**	*9MV*0801716A**	0.99	0.97
EHD4X30A**	*8MV*0901716**	0.99	0.98	EN(A,D)4X30*17**	*9MV*0801716A**	0.99	1.00
EHD4X36A**	*8MV*0901716**	0.99	0.97	EN(A,D,W)4X36*17**	*9MV*0801716A**	0.99	1.00
EN(A,D)4X30*17**	*8MV*0901716**	0.98	0.99	ENH4X30*17**	*9MV*0801716A**	0.99	1.00
EN(A,D,W)4X36*17**	*8MV*0901716**	0.98	0.99	ENH4X36*17**	*9MV*0801716A**	0.99	1.00
ENH4X30*17**	*8MV*0901716**	0.98	0.99	EA*4X36*21A*	*9MV*0802120A**	0.99	0.98
ENH4X36*17**	*8MV*0901716**	0.98	0.99	EHD4X30A**	*9MV*0802120A**	0.99	0.98
EA*4X36*21A*	*8MV*1102120**	0.98	0.98	EHD4X36A**	*9MV*0802120A**	0.99	0.97

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4304GKA

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
EN(A,D)4X36*21**	*9MV*0802120A**	0.99	0.99	EN(A,D)4X30*17**	OLV098A12A	0.99	1.00
EA*4X36*21A*	*9MV*1002120A**	0.98	0.98	EN(A,D,W)4X36*17**	OLV098A12A	0.99	1.00
EHD4X30A**	*9MV*1002120A**	0.98	0.99	EA*4X36*21A*	OLV112A16A	0.99	0.98
EHD4X36A**	*9MV*1002120A**	0.99	0.98	EN(A,D)4X36*21**	OLV112A16A	0.99	0.99
EN(A,D)4X36*21**	*9MV*1002120A**	0.98	1.00	EA*4X30*17A*	OMV098J12A	0.99	1.01
EHD4X30A**	*9MV*1202422A**	0.99	0.98	EA*4X36*17A*	OMV098J12A	0.99	1.00
EHD4X36A**	*9MV*1202422A**	0.99	0.96	EHD4X30A**	OMV098J12A	1.00	1.00
EA*4X30*17A*	*9MA*0601714A**	0.99	1.01	EHD4X36A**	OMV098J12A	1.00	0.98
EA*4X36*17A*	*9MA*0601714A**	0.99	1.01	EN(A,D)4X30*17**	OMV098J12A	0.99	1.01
EHD4X30A**	*9MA*0601714A**	1.00	1.01	EN(A,D,W)4X36*17**	OMV098J12A	0.99	1.01
EHD4X36A**	*9MA*0601714A**	0.99	0.99	ENH4X30*17**	OMV098J12A	0.99	1.01
EN(A,D)4X30*17**	*9MA*0601714A**	0.99	1.01	ENH4X36*17**	OMV098J12A	0.99	1.01
EN(A,D,W)4X36*17**	*9MA*0601714A**	0.99	1.01	EA*4X30*17A*	OMV112K14A	0.99	0.99
ENH4X30*17**	*9MA*0601714A**	0.99	1.01	EA*4X36*17A*	OMV112K14A	0.99	0.99
ENH4X36*17**	*9MA*0601714A**	0.99	1.01	EHD4X30A**	OMV112K14A	1.00	0.98
EA*4X30*17A*	*9MA*0801714A**	0.99	1.00	EHD4X36A**	OMV112K14A	0.99	0.97
EA*4X36*17A*	*9MA*0801714A**	0.99	0.99	EN(A,D)4X30*17**	OMV112K14A	0.99	0.99
EHD4X30A**	*9MA*0801714A**	1.00	0.99	EN(A,D,W)4X36*17**	OMV112K14A	0.99	0.99
EHD4X36A**	*9MA*0801714A**	1.00	0.98	ENH4X30*17**	OMV112K14A	0.99	0.99
EN(A,D)4X30*17**	*9MA*0801714A**	0.99	1.00	ENH4X36*17**	OMV112K14A	0.99	0.99
EN(A,D,W)4X36*17**	*9MA*0801714A**	0.99	1.00	EA*4X30*14A*		1.02	1.05
ENH4X30*17**	*9MA*0801714A**	0.99	1.00	EA*4X30*17A*	MV08**14C*	0.98	1.00
ENH4X36*17**	*9MA*0801714A**	0.99	1.00	EA*4X30*17A*		1.02	1.05
EA*4X36*21A*	*9MA*0802120A**	0.99	0.99	EA*4X30*17A*	MV12**17C*	0.98	0.98
EHD4X30A**	*9MA*0802120A**	1.00	0.99	EA*4X36*14A*		1.02	1.04
EHD4X36A**	*9MA*0802120A**	0.99	0.97	EA*4X36*14A*	MV08**14C*	0.98	1.00
EN(A,D)4X36*21**	*9MA*0802120A**	0.99	0.99	EA*4X36*17A*		1.02	1.04
EA*4X36*21A*	*9MA*1002122A**	0.99	0.97	EA*4X36*17A*	MV12**17C*	0.98	0.97
EHD4X30A**	*9MA*1002122A**	1.00	0.97	EA*4X36*21A*		1.02	1.04
EHD4X36A**	*9MA*1002122A**	0.99	0.96	EHD4X30A**		1.03	1.03
EN(A,D)4X36*21**	*9MA*1002122A**	0.99	0.98	EHD4X30A**	MV08**14C*	0.99	0.98
EHD4X30A**	*9MA*1202422A**	0.99	0.98	EHD4X30A**	MV12**17C*	0.99	0.97
EHD4X36A**	*9MA*1202422A**	0.99	0.97	EHD4X36A**		1.03	1.03
EA*4X36*21A*	*9MA*0602120A**	0.99	0.99	EHD4X36A**	MV08**14C*	0.99	0.97
EHD4X30A**	*9MA*0602120A**	1.00	0.99	EHD4X36A**	MV12**17C*	0.99	0.96
EHD4X36A**	*9MA*0602120A**	1.00	0.98	EMA4X36D**		1.02	1.05
EN(A,D)4X36*21**	*9MA*0602120A**	0.99	1.00	EN(A,D)4X30*14**		1.02	1.05
EA*4X30*17A*	NOMV106D12*	0.97	1.01	EN(A,D)4X30*14**	MV08**14C*	0.98	1.00
EA*4X36*17A*	NOMV106D12*	0.98	1.00	EN(A,D)4X30*17**		1.02	1.05
EHD4X30A**	NOMV106D12*	0.99	1.00	EN(A,D)4X30*17**	MV12**17C*	0.99	0.99
EHD4X36A**	NOMV106D12*	0.99	0.99	EN(A,D)4X36*21**		1.02	1.05
EN(A,D)4X30*17**	NOMV106D12*	0.98	1.01	EN(A,D,W)4X36*17**		1.02	1.05
EN(A,D,W)4X36*17**	NOMV106D12*	0.98	1.01	EN(A,D,W)4X36*17**	MV12**17C*	0.99	0.99
ENH4X30*17**	NOMV106D12*	0.98	1.01	ENH4X30*17**		1.02	1.05
ENH4X36*17**	NOMV106D12*	0.98	1.01	ENH4X30*17**	MV12**17C*	0.99	0.99
EA*4X30*17A*	OLV098A12A	0.99	1.01	ENH4X36*17**		1.02	1.05
EA*4X36*17A*	OLV098A12A	0.99	1.00	ENH4X36*17**	MV12**17C*	0.99	0.99

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.org.

New ratings may be listed online before Specification Sheets are updated.

WCH4364GKA Outdoor With FEM4P36**A* Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																											
		-3			7			17			27			37			47			57			67						
		Entering Indoor Temperature - Degrees F, Dry Bulb																											
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	
1050	MBH†	13.88	13.01	12.14	16.74	15.97	15.19	20.19	19.48	18.77	24.73	24.19	22.95	28.93	28.43	27.98	33.67	33.14	32.62	39.00	38.35	37.73	45.04	44.31	43.57				
	T/R	13.00	12.20	11.30	15.70	15.00	14.20	19.00	18.30	17.50	23.20	22.70	21.40	27.20	26.60	26.20	31.60	31.00	30.50	36.60	35.90	35.30	42.30	41.50	40.70				
	AMPS*	9.43	9.69	9.97	9.62	9.94	10.26	9.87	10.23	10.60	10.28	10.69	11.02	10.67	11.11	11.58	11.11	11.57	12.07	11.69	12.19	12.71	12.42	12.95	13.51				
	HI PR	232	246	260	244	259	274	259	275	292	281	298	313	302	321	340	325	344	363	353	372	393	386	406	428				
1200	LO PR	35	36	36	47	47	48	59	60	60	73	73	74	89	89	89	106	106	107	124	125	126	146	146	147				
	MBH†	14.24	13.34	12.45	17.12	16.32	15.53	20.61	19.87	19.15	25.09	24.57	23.45	29.33	28.81	28.33	34.17	33.60	33.07	39.63	38.94	38.29	45.62	44.92	44.21				
	T/R	11.70	10.90	10.20	14.10	13.40	12.70	16.90	16.30	15.70	20.60	20.10	19.20	24.10	23.60	23.20	28.10	27.50	27.00	32.60	31.90	31.30	37.50	36.80	36.20				
	AMPS*	9.53	9.80	10.08	9.70	10.01	10.34	9.91	10.26	10.64	10.26	10.67	11.01	10.60	11.03	11.50	10.99	11.44	11.93	11.52	11.99	12.50	12.13	12.64	13.18				
1350	HI PR	228	242	257	239	254	270	253	269	286	273	290	305	292	310	329	313	332	351	339	358	378	367	388	409				
	LO PR	35	36	36	46	47	47	59	59	60	73	73	74	88	89	89	105	106	106	124	125	125	144	145	146				
	MBH†	14.55	13.64	12.72	17.45	16.64	15.82	20.98	20.22	19.46	25.41	24.89	24.28	29.69	29.16	28.67	34.56	34.00	33.45	40.15	39.45	38.77	45.96	45.31	44.63				
	T/R	10.60	9.90	9.20	12.70	12.10	11.50	15.30	14.70	14.10	18.60	18.10	17.70	21.70	21.20	20.80	25.20	24.80	24.30	29.30	28.70	28.20	33.60	33.00	32.40				
1350	AMPS*	9.65	9.92	10.20	9.80	10.11	10.44	9.97	10.33	10.70	10.28	10.69	11.10	10.59	11.02	11.47	10.94	11.39	11.86	11.44	11.90	12.39	11.95	12.45	12.98				
	HI PR	225	240	255	235	251	267	248	264	281	266	284	302	285	303	322	304	323	342	328	347	367	353	373	394				
	LO PR	35	36	36	46	47	47	59	59	60	72	73	73	88	89	89	105	106	106	124	124	125	143	144	145				

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

T/R - Temp Rise is based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4364GKA

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
*FEM4X36**B*		1.00	1.00	EA*4X36*14A*	*8MV*0701412**	0.98	1.00
FCM4X24****		0.98	0.97	EHD4X36A**	*8MV*0701412**	0.99	0.97
FCM4X36****		0.97	0.96	EHD4X42A**	*8MV*0701412**	0.99	0.96
FCM4X48****		0.98	0.91	EA*4X36*17A*	*8MV*0901716**	0.98	0.98
FEA4X36**A*		1.01	1.03	EHD4X36A**	*8MV*0901716**	0.99	0.96
FEM4P36**A*		1.00	1.00	EHD4X42A**	*8MV*0901716**	0.99	0.95
FEM4P42**A*		1.00	0.95	EN(A,D,W)4X36*17**	*8MV*0901716**	0.98	0.98
FEM4X35**A*		0.99	0.98	END4X42*17**	*8MV*0901716**	0.99	0.96
FEM4X42**A*		1.01	0.97	ENH4X36*17**	*8MV*0901716**	0.98	0.98
FEM4X42**B*		1.01	0.95	EA*4X36*21A*	*8MV*1102120**	0.98	0.97
FS(M,U)4P36**A*		1.01	1.01	EA*4X42*21A*	*8MV*1102120**	0.98	0.97
FS(M,U)4P42**A*		1.01	0.99	EHD4X36A**	*8MV*1102120**	0.99	0.95
FVM4X24****		0.98	0.97	EHD4X42A**	*8MV*1102120**	0.99	0.94
FVM4X36****		0.97	0.96	EN(A,D)4X36*21**	*8MV*1102120**	0.98	0.99
FVM4X48****		0.98	0.91	EN(A,D,W)4X42*21**	*8MV*1102120**	0.98	0.97
FXM4X36**A*		1.00	0.94	ENH4X42*21**	*8MV*1102120**	0.98	0.97
FXM4X42**A*		1.00	0.94	EA*4X42*24A*	*8MV*1352422**	0.98	0.96
EA*4X36*14A*	*8MX*0451408**	0.99	1.03	EHD4X36A**	*8MV*1352422**	0.99	0.95
EHD4X36A**	*8MX*0451408**	1.01	1.00	EHD4X42A**	*8MV*1352422**	0.99	0.94
EHD4X42A**	*8MX*0451408**	1.01	0.99	EA*4X36*17A*	*9MX*0601714A**	0.99	1.00
EA*4X36*17A*	*8MX*0701716**	0.99	1.00	EHD4X36A**	*9MX*0601714A**	1.00	0.98
EHD4X36A**	*8MX*0701716**	1.00	0.98	EHD4X42A**	*9MX*0601714A**	1.00	0.97
EHD4X42A**	*8MX*0701716**	1.00	0.96	EN(A,D,W)4X36*17**	*9MX*0601714A**	0.99	1.01
EN(A,D,W)4X36*17**	*8MX*0701716**	0.99	1.01	END4X42*17**	*9MX*0601714A**	1.00	0.98
END4X42*17**	*8MX*0701716**	1.00	0.98	ENH4X36*17**	*9MX*0601714A**	0.99	1.01
ENH4X36*17**	*8MX*0701716**	0.99	1.01	EA*4X36*17A*	*9MX*0801716A**	0.98	0.99
EA*4X36*21A*	*8MX*0902116**	0.98	0.96	EHD4X36A**	*9MX*0801716A**	0.99	0.97
EA*4X42*21A*	*8MX*0902116**	0.99	0.96	EHD4X42A**	*9MX*0801716A**	0.99	0.96
EHD4X36A**	*8MX*0902116**	0.99	0.95	EN(A,D,W)4X36*17**	*9MX*0801716A**	0.98	1.00
EHD4X42A**	*8MX*0902116**	0.99	0.94	END4X42*17**	*9MX*0801716A**	0.99	0.97
EN(A,D)4X36*21**	*8MX*0902116**	0.98	0.98	ENH4X36*17**	*9MX*0801716A**	0.98	1.00
EN(A,D,W)4X42*21**	*8MX*0902116**	0.99	0.96	EA*4X36*21A*	*9MX*1002120A**	1.00	0.97
ENH4X42*21**	*8MX*0902116**	0.99	0.96	EA*4X42*21A*	*9MX*1002120A**	1.00	0.96
EA*4X36*21A*	*8MX*1102120**	0.99	0.96	EHD4X36A**	*9MX*1002120A**	1.01	0.95
EA*4X42*21A*	*8MX*1102120**	0.99	0.95	EHD4X42A**	*9MX*1002120A**	1.01	0.95
EHD4X36A**	*8MX*1102120**	0.99	0.94	EN(A,D)4X36*21**	*9MX*1002120A**	0.99	0.98
EHD4X42A**	*8MX*1102120**	1.00	0.94	EN(A,D,W)4X42*21**	*9MX*1002120A**	1.00	0.96
EN(A,D)4X36*21**	*8MX*1102120**	0.98	0.97	ENH4X42*21**	*9MX*1002120A**	1.00	0.96
EN(A,D,W)4X42*21**	*8MX*1102120**	0.99	0.95	EA*4X36*17A*	*9MV*0601714A**	0.98	1.00
ENH4X42*21**	*8MX*1102120**	0.99	0.95	EHD4X36A**	*9MV*0601714A**	0.99	0.98

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4364GKA

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
EHD4X42A**	*9MV*0601714A**	0.99	0.97	EN(A,D,W)4X36*17**	NOMV106D12*	0.98	1.00
EN(A,D,W)4X36*17**	*9MV*0601714A**	0.98	1.01	END4X42*17**	NOMV106D12*	0.99	0.98
END4X42*17**	*9MV*0601714A**	0.99	0.98	ENH4X36*17**	NOMV106D12*	0.98	1.00
ENH4X36*17**	*9MV*0601714A**	0.98	1.01	EA*4X36*21A*	NOMV156E19*	0.98	0.98
EA*4X36*17A*	*9MV*0801716A**	0.98	0.99	EA*4X42*21A*	NOMV156E19*	0.98	0.97
EHD4X36A**	*9MV*0801716A**	0.99	0.96	EHD4X36A**	NOMV156E19*	0.99	0.96
EHD4X42A**	*9MV*0801716A**	0.99	0.96	EHD4X42A**	NOMV156E19*	0.99	0.95
EN(A,D,W)4X36*17**	*9MV*0801716A**	0.98	0.99	EN(A,D)4X36*21**	NOMV156E19*	0.98	0.99
END4X42*17**	*9MV*0801716A**	0.99	0.97	EN(A,D,W)4X42*21**	NOMV156E19*	0.98	0.98
ENH4X36*17**	*9MV*0801716A**	0.98	0.99	ENH4X42*21**	NOMV156E19*	0.98	0.98
EA*4X36*21A*	*9MV*0802120A**	0.97	0.97	EA*4X36*17A*	OLV098A12A	0.99	1.01
EA*4X42*21A*	*9MV*0802120A**	0.98	0.96	EN(A,D,W)4X36*17**	OLV098A12A	0.99	1.02
EHD4X36A**	*9MV*0802120A**	0.98	0.95	END4X42*17**	OLV098A12A	0.99	0.99
EHD4X42A**	*9MV*0802120A**	0.98	0.94	EA*4X36*21A*	OLV112A16A	0.99	0.98
EN(A,D)4X36*21**	*9MV*0802120A**	0.97	0.98	EA*4X42*21A*	OLV112A16A	0.99	0.98
EN(A,D,W)4X42*21**	*9MV*0802120A**	0.98	0.97	EN(A,D)4X36*21**	OLV112A16A	0.99	1.00
ENH4X42*21**	*9MV*0802120A**	0.98	0.97	EN(A,D,W)4X42*21**	OLV112A16A	0.99	0.98
EA*4X36*21A*	*9MV*1002120A**	0.97	0.96	EA*4X42*24A*	OLV154F20A	1.01	0.95
EA*4X42*21A*	*9MV*1002120A**	0.98	0.96	EA*4X36*17A*	OMV098J12A	0.99	1.01
EHD4X36A**	*9MV*1002120A**	0.98	0.95	EHD4X36A**	OMV098J12A	1.00	0.99
EHD4X42A**	*9MV*1002120A**	0.98	0.94	EHD4X42A**	OMV098J12A	1.00	0.98
EN(A,D)4X36*21**	*9MV*1002120A**	0.97	0.98	EN(A,D,W)4X36*17**	OMV098J12A	0.99	1.02
EN(A,D,W)4X42*21**	*9MV*1002120A**	0.98	0.97	END4X42*17**	OMV098J12A	1.00	0.99
ENH4X42*21**	*9MV*1002120A**	0.98	0.97	ENH4X36*17**	OMV098J12A	0.99	1.02
EA*4X42*24A*	*9MV*1202422A**	0.98	0.96	EA*4X36*17A*	OMV112K14A	0.98	0.99
EHD4X36A**	*9MV*1202422A**	0.98	0.95	EHD4X36A**	OMV112K14A	0.99	0.97
EHD4X42A**	*9MV*1202422A**	0.98	0.94	EHD4X42A**	OMV112K14A	0.99	0.96
EA*4X36*17A*	*9MA*0601714A**	0.98	1.01	EN(A,D,W)4X36*17**	OMV112K14A	0.99	1.00
EHD4X36A**	*9MA*0601714A**	0.99	0.99	END4X42*17**	OMV112K14A	0.99	0.97
EHD4X42A**	*9MA*0601714A**	0.99	0.98	ENH4X36*17**	OMV112K14A	0.99	1.00
EN(A,D,W)4X36*17**	*9MA*0601714A**	0.98	1.01	EA*4X42*24A*	OMV154L20A	0.98	0.96
END4X42*17**	*9MA*0601714A**	0.99	0.99	EHD4X36A**	OMV154L20A	0.99	0.95
ENH4X36*17**	*9MA*0601714A**	0.98	1.01	EHD4X42A**	OMV154L20A	0.99	0.94
EA*4X36*17A*	*9MA*0801714A**	0.98	1.00	EA*4X36*14A*		1.01	1.04
EHD4X36A**	*9MA*0801714A**	0.98	0.97	EA*4X36*14A*	MV08**14C*	0.98	0.98
EHD4X42A**	*9MA*0801714A**	0.99	0.97	EA*4X36*17A*		1.02	1.03
EN(A,D,W)4X36*17**	*9MA*0801714A**	0.98	1.00	EA*4X36*17A*	MV12**17C*	0.98	0.96
END4X42*17**	*9MA*0801714A**	0.98	0.98	EA*4X36*21A*		1.02	1.03
ENH4X36*17**	*9MA*0801714A**	0.98	1.00	EA*4X36*21A*	MV16**21C*	0.97	0.95
EA*4X36*21A*	*9MA*0802120A**	0.97	0.97	EA*4X42*21A*		1.02	1.02
EA*4X42*21A*	*9MA*0802120A**	0.98	0.97	EA*4X42*21A*	MV16**21C*	0.98	0.95
EHD4X36A**	*9MA*0802120A**	0.98	0.96	EA*4X42*24A*		1.02	1.02
EHD4X42A**	*9MA*0802120A**	0.98	0.95	EA*4X42*24A*	MV20**24C*	0.97	0.94
EN(A,D)4X36*21**	*9MA*0802120A**	0.97	0.98	EHD4X36A**		1.02	1.01
EN(A,D,W)4X42*21**	*9MA*0802120A**	0.98	0.97	EHD4X36A**	MV08**14C*	0.98	0.95
ENH4X42*21**	*9MA*0802120A**	0.98	0.97	EHD4X36A**	MV12**17C*	0.99	0.94
EA*4X36*21A*	*9MA*1002122A**	0.98	0.97	EHD4X36A**	MV16**21C*	0.98	0.93
EA*4X42*21A*	*9MA*1002122A**	0.98	0.96	EHD4X36A**	MV20**24C*	0.98	0.94
EHD4X36A**	*9MA*1002122A**	0.99	0.96	EHD4X42A**		1.03	1.01
EHD4X42A**	*9MA*1002122A**	0.99	0.95	EHD4X42A**	MV08**14C*	0.98	0.94
EN(A,D)4X36*21**	*9MA*1002122A**	0.98	0.98	EHD4X42A**	MV12**17C*	0.99	0.93
EN(A,D,W)4X42*21**	*9MA*1002122A**	0.98	0.97	EHD4X42A**	MV16**21C*	0.99	0.93
ENH4X42*21**	*9MA*1002122A**	0.98	0.97	EHD4X42A**	MV20**24C*	0.98	0.93
EA*4X42*24A*	*9MA*1202422A**	0.98	0.97	EMA4X36D**		1.01	1.03
EHD4X36A**	*9MA*1202422A**	0.98	0.96	EN(A,D)4X36*21**		1.02	1.04
EHD4X42A**	*9MA*1202422A**	0.99	0.95	EN(A,D)4X36*21**	MV16**21C*	0.98	0.97
EA*4X36*21A*	*9MA*0602120A**	0.98	0.99	EN(A,D,W)4X36*17**		1.02	1.04
EA*4X42*21A*	*9MA*0602120A**	0.98	0.98	EN(A,D,W)4X36*17**	MV12**17C*	0.98	0.97
EHD4X36A**	*9MA*0602120A**	0.99	0.98	EN(A,D,W)4X42*21**		1.02	1.02
EHD4X42A**	*9MA*0602120A**	0.99	0.97	EN(A,D,W)4X42*21**	MV16**21C*	0.98	0.95
EN(A,D)4X36*21**	*9MA*0602120A**	0.98	1.00	END4X42*17**		1.02	1.01
EN(A,D,W)4X42*21**	*9MA*0602120A**	0.98	0.99	END4X42*17**	MV12**17C*	0.98	0.94
ENH4X42*21**	*9MA*0602120A**	0.98	0.99	ENH4X36*17**		1.02	1.04
EA*4X36*17A*	NOMV106D12*	0.98	0.99	ENH4X36*17**	MV12**17C*	0.98	0.97
EHD4X36A**	NOMV106D12*	0.99	0.97	ENH4X42*21**		1.02	1.02
EHD4X42A**	NOMV106D12*	0.99	0.96	ENH4X42*21**	MV16**21C*	0.98	0.95

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.org.

New ratings may be listed online before Specification Sheets are updated.

WCH4424GKA Outdoor With FEM4X48**A* Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																										
		-3			7			17			27			37			47			57			67					
		Entering Indoor Temperature - Degrees F, Dry Bulb																										
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75			
1225	MBH†	13.64	12.89	12.13	18.06	17.36	16.63	22.72	22.03	21.30	27.78	27.04	26.29	33.74	33.19	32.58	39.10	38.48	37.86	45.43	44.69	43.98	52.75	52.01	51.22			
	T/R	10.80	10.20	9.60	14.40	13.80	13.20	18.10	17.50	16.90	22.10	21.50	20.80	26.80	26.30	25.80	31.10	30.50	30.00	36.10	35.50	34.80	42.00	41.30	40.60			
	AMPS*	9.24	8.83	10.44	9.93	10.46	11.02	10.67	11.17	11.69	11.42	11.90	12.41	12.26	12.77	13.31	12.90	13.45	14.03	13.50	14.09	14.70	13.92	14.59	15.28			
	HI PR	222	237	252	236	251	267	251	268	284	269	286	303	293	311	330	315	334	354	340	360	380	366	386	407			
	LO PR	33	34	34	43	44	44	55	55	56	67	68	68	82	82	82	98	98	99	117	117	118	138	138	139			
1400	MBH†	13.91	13.15	12.39	18.38	17.69	16.93	23.10	22.41	21.68	28.28	27.49	26.74	34.14	33.62	33.04	39.63	39.00	38.37	46.12	45.38	44.64	53.26	52.59	51.88			
	T/R	9.70	9.10	8.60	12.80	12.30	11.70	16.10	15.60	15.00	19.70	19.10	18.50	23.80	23.40	22.90	27.60	27.10	26.60	32.10	31.50	30.90	37.10	36.50	36.00			
	AMPS*	9.29	8.88	10.50	9.95	10.49	11.04	10.66	11.16	11.69	11.38	11.86	12.37	12.14	12.67	13.20	12.73	13.28	13.85	13.26	13.85	14.45	13.52	14.18	14.86			
	HI PR	219	234	249	231	247	263	245	262	279	261	278	296	282	301	320	303	322	342	326	345	365	348	368	389			
	LO PR	33	34	34	43	44	44	55	55	55	67	68	68	82	82	82	98	98	99	117	117	117	136	137	138			
1575	MBH†	14.16	13.41	12.63	18.67	17.97	17.21	23.42	22.73	22.01	29.37	28.88	27.12	34.51	33.96	33.42	40.07	39.43	38.80	46.67	45.94	45.18	53.50	52.89	52.24			
	T/R	8.80	8.30	7.80	11.50	11.10	10.60	14.50	14.00	13.60	18.20	17.20	16.70	21.40	21.00	20.60	24.80	24.30	23.90	28.90	28.40	27.80	33.10	32.70	32.20			
	AMPS*	9.37	8.96	10.58	10.01	10.54	11.10	10.69	11.19	11.72	11.46	11.86	12.37	12.10	12.62	13.16	12.64	13.19	13.75	13.10	13.70	14.30	13.26	13.91	14.59			
	HI PR	216	231	247	228	244	260	241	257	274	258	272	290	275	293	312	294	312	332	315	335	354	335	354	375			
	LO PR	33	34	34	43	44	44	54	55	55	67	67	68	81	82	82	98	98	98	116	117	117	135	136	137			

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

T/R - Temp Rise is based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4424GKA

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
*FEM4X48**B*		1.00	1.00	EHD4X42A**	*8MV*0901716**	0.97	0.98
FCM4X36****		0.96	1.00	EHD4X48A**	*8MV*0901716**	0.97	0.97
FCM4X48****		0.97	0.95	END4X42*17**	*8MV*0901716**	0.97	1.00
FEM4P42**A*		0.99	0.99	EA*4X42*21A*	*8MV*1102120**	0.97	1.00
FEM4P48**A*		0.99	0.99	EA*4X48*21A*	*8MV*1102120**	0.97	0.98
FEM4X42**B*		0.99	0.99	EHD4X42A**	*8MV*1102120**	0.97	0.97
FS(M,U)4P42**A*		1.00	1.02	EHD4X48A**	*8MV*1102120**	0.99	0.98
FS(M,U)4P48**A*		1.00	1.00	EN(A,D,W)4X42*21**	*8MV*1102120**	0.97	1.01
FVM4X36****		0.96	1.00	EN(A,D,W)4X48*21**	*8MV*1102120**	0.97	0.97
FVM4X48****		0.97	0.95	ENH4X42*21**	*8MV*1102120**	0.97	1.01
FXM4X42**A*		0.99	0.99	ENH4X48*21**	*8MV*1102120**	0.97	0.97
FXM4X48**A*		0.99	0.95	EA*4X42*24A*	*8MV*1352422**	0.96	0.99
EA*4X48*17A*	*8MX*0701716**	1.01	1.03	EA*4X48*24A*	*8MV*1352422**	0.97	0.97
EHD4X42A**	*8MX*0701716**	1.01	1.03	EHD4X42A**	*8MV*1352422**	0.97	0.97
EHD4X48A**	*8MX*0701716**	1.01	1.03	EHD4X48A**	*8MV*1352422**	0.97	0.96
END4X42*17**	*8MX*0701716**	0.99	1.03	EN(A,D)4X48*24**	*8MV*1352422**	0.97	0.96
EA*4X42*21A*	*8MX*0902116**	0.97	1.00	EA*4X48*17A*	*9MX*0601714A**	0.99	1.00
EA*4X48*21A*	*8MX*0902116**	0.97	0.97	EHD4X42A**	*9MX*0601714A**	0.99	1.01
EHD4X42A**	*8MX*0902116**	0.97	0.97	EHD4X48A**	*9MX*0601714A**	0.99	1.00
EHD4X48A**	*8MX*0902116**	0.99	0.98	END4X42*17**	*9MX*0601714A**	0.99	1.03
EN(A,D,W)4X42*21**	*8MX*0902116**	0.97	1.00	EA*4X48*17A*	*9MX*0801716A**	0.99	0.99
EN(A,D,W)4X48*21**	*8MX*0902116**	0.97	0.97	EHD4X42A**	*9MX*0801716A**	0.99	1.00
ENH4X42*21**	*8MX*0902116**	0.97	1.00	EHD4X48A**	*9MX*0801716A**	0.99	0.99
ENH4X48*21**	*8MX*0902116**	0.97	0.97	END4X42*17**	*9MX*0801716A**	0.99	1.02
EA*4X42*21A*	*8MX*1102120**	0.97	0.99	EA*4X42*21A*	*9MX*0802120A**	0.97	1.00
EA*4X48*21A*	*8MX*1102120**	0.97	0.97	EA*4X48*21A*	*9MX*0802120A**	0.99	0.99
EHD4X42A**	*8MX*1102120**	0.97	0.96	EHD4X42A**	*9MX*0802120A**	0.99	0.98
EHD4X48A**	*8MX*1102120**	0.97	0.96	EHD4X48A**	*9MX*0802120A**	0.99	0.98
EN(A,D,W)4X42*21**	*8MX*1102120**	0.97	1.00	EN(A,D,W)4X42*21**	*9MX*0802120A**	0.97	1.00
EN(A,D,W)4X48*21**	*8MX*1102120**	0.97	0.96	EN(A,D,W)4X48*21**	*9MX*0802120A**	0.99	0.98
ENH4X42*21**	*8MX*1102120**	0.97	1.00	ENH4X42*21**	*9MX*0802120A**	0.97	1.00
ENH4X48*21**	*8MX*1102120**	0.97	0.96	ENH4X48*21**	*9MX*0802120A**	0.99	0.98
EA*4X42*24A*	*8MX*1352420**	0.97	0.99	EA*4X42*21A*	*9MX*1002120A**	0.97	1.00
EA*4X48*24A*	*8MX*1352420**	0.97	0.97	EA*4X48*21A*	*9MX*1002120A**	0.97	0.98
EHD4X42A**	*8MX*1352420**	0.97	0.97	EHD4X42A**	*9MX*1002120A**	0.97	0.97
EHD4X48A**	*8MX*1352420**	0.97	0.96	EHD4X48A**	*9MX*1002120A**	0.97	0.97
EN(A,D)4X48*24**	*8MX*1352420**	0.97	0.96	EN(A,D,W)4X42*21**	*9MX*1002120A**	0.96	1.00
EHD4X42A**	*8MV*0701412**	0.99	1.01	EN(A,D,W)4X48*21**	*9MX*1002120A**	0.97	0.97
EHD4X48A**	*8MV*0701412**	0.99	1.00	ENH4X42*21**	*9MX*1002120A**	0.96	1.00
EA*4X48*17A*	*8MV*0901716**	0.99	0.99	ENH4X48*21**	*9MX*1002120A**	0.97	0.97

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4424GKA

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
EA*4X42*24A*	*9MX*1202422A**	0.97	0.99	EHD4X48A**	*9MA*1202422A**	0.97	0.98
EA*4X48*24A*	*9MX*1202422A**	0.99	0.98	EN(A,D)4X48*24**	*9MA*1202422A**	0.97	0.98
EHD4X42A**	*9MX*1202422A**	0.99	0.98	EA*4X42*21A*	*9MA*0602120A**	0.96	1.02
EHD4X48A**	*9MX*1202422A**	0.99	0.97	EA*4X48*21A*	*9MA*0602120A**	0.97	1.01
EN(A,D)4X48*24**	*9MX*1202422A**	0.99	0.98	EHD4X42A**	*9MA*0602120A**	0.97	1.00
EA*4X48*17A*	*9MV*0601714A**	0.99	1.01	EHD4X48A**	*9MA*0602120A**	0.97	1.00
EHD4X42A**	*9MV*0601714A**	0.99	1.02	EN(A,D,W)4X42*21**	*9MA*0602120A**	0.97	1.03
EHD4X48A**	*9MV*0601714A**	0.99	1.01	EN(A,D,W)4X48*21**	*9MA*0602120A**	0.97	1.00
END4X42*17**	*9MV*0601714A**	0.99	1.04	ENH4X42*21**	*9MA*0602120A**	0.97	1.03
EA*4X48*17A*	*9MV*0801716A**	0.99	1.00	ENH4X48*21**	*9MA*0602120A**	0.97	1.00
EHD4X42A**	*9MV*0801716A**	0.99	1.01	EA*4X42*21A*	NOMV156E19*	0.96	1.00
EHD4X48A**	*9MV*0801716A**	0.99	1.00	EA*4X48*21A*	NOMV156E19*	0.97	0.98
END4X42*17**	*9MV*0801716A**	0.97	1.01	EHD4X42A**	NOMV156E19*	0.97	0.98
EA*4X42*21A*	*9MV*0802120A**	0.97	1.01	EHD4X48A**	NOMV156E19*	0.97	0.98
EA*4X48*21A*	*9MV*0802120A**	0.97	0.98	EN(A,D,W)4X42*21**	NOMV156E19*	0.97	1.01
EHD4X42A**	*9MV*0802120A**	0.97	0.98	EN(A,D,W)4X48*21**	NOMV156E19*	0.97	0.98
EHD4X48A**	*9MV*0802120A**	0.97	0.97	ENH4X42*21**	NOMV156E19*	0.97	1.01
EN(A,D,W)4X42*21**	*9MV*0802120A**	0.97	1.01	ENH4X48*21**	NOMV156E19*	0.97	0.98
EN(A,D,W)4X48*21**	*9MV*0802120A**	0.97	0.97	EA*4X42*21A*	OLV112A16A	0.99	1.03
ENH4X42*21**	*9MV*0802120A**	0.97	1.01	EA*4X48*21A*	OLV112A16A	1.01	1.03
ENH4X48*21**	*9MV*0802120A**	0.97	0.97	EN(A,D,W)4X42*21**	OLV112A16A	0.99	1.03
EA*4X42*21A*	*9MV*1002120A**	0.96	1.00	EN(A,D,W)4X48*21**	OLV112A16A	0.99	1.00
EA*4X48*21A*	*9MV*1002120A**	0.97	0.98	EA*4X42*24A*	OLV154F20A	0.99	0.99
EHD4X42A**	*9MV*1002120A**	0.97	0.98	EA*4X48*24A*	OLV154F20A	1.01	0.99
EHD4X48A**	*9MV*1002120A**	0.97	0.97	EN(A,D)4X48*24**	OLV154F20A	1.01	0.99
EN(A,D,W)4X42*21**	*9MV*1002120A**	0.96	1.00	EA*4X48*17A*	OMV112K14A	0.99	1.00
EN(A,D,W)4X48*21**	*9MV*1002120A**	0.97	0.97	EHD4X42A**	OMV112K14A	0.99	1.00
ENH4X42*21**	*9MV*1002120A**	0.96	1.00	EHD4X48A**	OMV112K14A	0.99	1.00
ENH4X48*21**	*9MV*1002120A**	0.97	0.97	END4X42*17**	OMV112K14A	0.99	1.02
EA*4X42*24A*	*9MV*1202422A**	0.97	1.00	EA*4X42*24A*	OMV154L20A	0.96	0.99
EA*4X48*24A*	*9MV*1202422A**	0.97	0.97	EA*4X48*24A*	OMV154L20A	0.97	0.97
EHD4X42A**	*9MV*1202422A**	0.97	0.98	EHD4X42A**	OMV154L20A	0.97	0.97
EHD4X48A**	*9MV*1202422A**	0.97	0.97	EHD4X48A**	OMV154L20A	0.97	0.97
EN(A,D)4X48*24**	*9MV*1202422A**	0.97	0.97	EN(A,D)4X48*24**	OMV154L20A	0.97	0.97
EA*4X48*17A*	*9MA*0601714A**	0.99	1.02	EA*4X42*21A*	MV16**21C*	0.97	0.99
EHD4X42A**	*9MA*0601714A**	0.99	1.03	EA*4X42*24A*	MV20**24C*	0.96	0.98
EHD4X48A**	*9MA*0601714A**	0.99	1.02	EA*4X48*17A*		1.00	1.01
END4X42*17**	*9MA*0601714A**	0.97	1.03	EA*4X48*17A*	MV12**17C*	0.99	0.98
EA*4X48*17A*	*9MA*0801714A**	0.99	1.01	EA*4X48*21A*		1.01	1.03
EHD4X42A**	*9MA*0801714A**	0.97	1.00	EA*4X48*21A*	MV16**21C*	0.97	0.96
EHD4X48A**	*9MA*0801714A**	0.97	1.00	EA*4X48*24A*		1.01	1.03
END4X42*17**	*9MA*0801714A**	0.97	1.02	EA*4X48*24A*	MV20**24C*	0.97	0.97
EA*4X42*21A*	*9MA*0802120A**	0.96	1.01	EHD4X42A**		1.01	1.03
EA*4X48*21A*	*9MA*0802120A**	0.97	0.99	EHD4X42A**	MV12**17C*	0.99	0.98
EHD4X42A**	*9MA*0802120A**	0.97	0.98	EHD4X42A**	MV16**21C*	0.99	0.97
EHD4X48A**	*9MA*0802120A**	0.97	0.98	EHD4X42A**	MV20**24C*	0.97	0.96
EN(A,D,W)4X42*21**	*9MA*0802120A**	0.96	1.01	EHD4X48A**		1.01	1.02
EN(A,D,W)4X48*21**	*9MA*0802120A**	0.97	0.98	EHD4X48A**	MV12**17C*	0.99	0.98
ENH4X42*21**	*9MA*0802120A**	0.96	1.01	EHD4X48A**	MV16**21C*	0.99	0.97
ENH4X48*21**	*9MA*0802120A**	0.97	0.98	EHD4X48A**	MV20**24C*	0.97	0.96
EA*4X42*21A*	*9MA*1002122A**	0.97	1.00	EN(A,D)4X48*24**		1.01	1.03
EA*4X48*21A*	*9MA*1002122A**	0.97	0.97	EN(A,D)4X48*24**	MV20**24C*	0.97	0.96
EHD4X42A**	*9MA*1002122A**	0.97	0.97	EN(A,D,W)4X42*21**	MV16**21C*	0.97	0.99
EHD4X48A**	*9MA*1002122A**	0.97	0.96	EN(A,D,W)4X48*21**		1.01	1.03
EN(A,D,W)4X42*21**	*9MA*1002122A**	0.97	1.00	EN(A,D,W)4X48*21**	MV16**21C*	0.97	0.96
EN(A,D,W)4X48*21**	*9MA*1002122A**	0.97	0.97	END4X42*17**		1.01	1.05
ENH4X42*21**	*9MA*1002122A**	0.97	1.00	END4X42*17**	MV12**17C*	0.97	0.98
ENH4X48*21**	*9MA*1002122A**	0.97	0.97	ENH4X42*21**	MV16**21C*	0.97	0.99
EA*4X42*24A*	*9MA*1202422A**	0.96	1.00	ENH4X48*21**		1.01	1.03
EA*4X48*24A*	*9MA*1202422A**	0.97	0.98	ENH4X48*21**		1.01	1.03
EHD4X42A**	*9MA*1202422A**	0.97	0.98				

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.org.

New ratings may be listed online before Specification Sheets are updated.

WCH4484GKA Outdoor With FEM4X60**B* Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1400	MBH†	15.60	14.83	14.01	20.83	20.06	19.23	26.35	25.58	24.75	32.35	31.50	30.65	39.41	38.83	37.56	45.72	45.00	44.33	53.07	52.18	51.33	61.04	60.23	59.38
	T/R	10.60	10.10	9.50	14.20	13.60	13.00	17.90	17.40	16.80	22.00	21.40	20.80	26.80	26.40	25.40	31.10	30.50	30.00	36.10	35.40	34.80	41.50	40.90	40.20
	AMPS*	11.86	12.34	12.87	12.39	12.88	13.43	12.95	13.48	14.04	13.56	14.12	14.71	14.38	15.01	15.56	15.06	15.75	16.47	15.86	16.62	17.37	16.52	17.30	18.10
	HI PR	219	234	250	233	248	265	248	265	281	265	282	300	288	307	323	310	329	348	335	355	375	358	378	398
	LO PR	35	35	35	45	45	45	56	57	57	69	70	70	84	84	85	100	100	101	119	120	120	139	139	140
1600	MBH†	15.88	15.12	14.25	21.18	20.41	19.55	26.76	25.99	25.18	32.87	32.02	31.15	39.88	39.29	38.67	46.30	45.59	44.87	53.92	53.04	52.16	61.39	60.60	59.80
	T/R	9.50	9.00	8.40	12.60	12.10	11.60	15.90	15.40	14.90	19.60	19.00	18.50	23.70	23.30	22.90	27.60	27.10	26.60	32.10	31.50	30.90	36.50	36.00	35.40
	AMPS*	11.96	12.45	12.97	12.45	12.94	13.48	12.95	13.49	14.05	13.50	14.07	14.66	14.23	14.87	15.53	14.83	15.52	16.22	15.46	16.22	16.99	16.04	16.83	17.62
	HI PR	216	231	247	228	244	261	242	259	276	258	275	293	278	297	316	298	317	336	320	339	360	340	360	381
	LO PR	35	35	35	45	45	45	56	56	57	69	69	70	83	84	84	100	100	101	119	119	120	137	138	139
1800	MBH†	16.13	15.34	14.49	21.48	20.68	19.86	27.12	26.32	25.53	33.32	32.46	31.59	40.25	39.67	39.07	46.80	46.08	45.34	54.45	53.66	52.83	61.59	60.84	60.10
	T/R	8.50	8.10	7.60	11.40	10.90	10.50	14.30	13.90	13.40	17.60	17.10	16.60	21.30	20.90	20.60	24.80	24.30	23.90	28.80	28.30	27.80	32.60	32.10	31.70
	AMPS*	12.08	12.56	13.09	12.53	13.03	13.56	13.00	13.53	14.09	13.50	14.07	14.66	14.15	14.80	15.45	14.69	15.38	16.08	15.19	15.95	16.73	15.72	16.50	17.30
	HI PR	213	229	245	225	241	257	237	254	271	252	269	287	270	289	308	289	307	327	308	327	348	327	347	367
	LO PR	35	35	35	45	45	45	56	56	57	69	69	70	83	84	84	100	100	100	118	119	119	135	136	137

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

T/R - Temp Rise is based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4484GKA

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
*FEM4X60**B*		1.00	1.00	EA*4X48*24A*	*8MV*1352422**	0.99	1.01
FCM4X48****		0.99	0.99	EA*4X60*24A*	*8MV*1352422**	1.00	1.00
FCM4X60****		0.99	0.96	EHD4X48A**	*8MV*1352422**	1.00	1.01
FEM4X48**A*		0.99	0.98	EHD4X60A**	*8MV*1352422**	1.00	0.99
FEM4X48**B*		1.01	1.04	EN(A,D)4X48*24**	*8MV*1352422**	0.99	1.00
FEM4X60**A*		1.01	0.97	EN(A,D,W)4X60*24**	*8MV*1352422**	0.99	0.99
FS(M,U)4P48**A*		1.01	1.02	ENH4X60*24**	*8MV*1352422**	0.99	0.99
FS(M,U)4X60**A*		1.01	1.03	EHD4X60A**	*9MX*0801716A**	1.01	1.04
FVM4X48****		0.99	0.99	EA*4X48*21A*	*9MX*0802120A**	1.00	1.02
FVM4X60****		0.99	0.96	EA*4X60*21A*	*9MX*0802120A**	1.00	1.01
FXM4X48**A*		1.01	0.99	EHD4X48A**	*9MX*0802120A**	1.00	1.01
FXM4X60**A*		0.99	0.96	EHD4X60A**	*9MX*0802120A**	1.00	0.99
EA*4X48*21A*	*8MX*0902116**	1.00	1.02	EN(A,D,W)4X48*21**	*9MX*0802120A**	1.00	1.02
EA*4X60*21A*	*8MX*0902116**	1.00	1.01	ENH4X48*21**	*9MX*0802120A**	0.99	1.01
EHD4X48A**	*8MX*0902116**	1.00	1.01	EA*4X48*21A*	*9MX*1002120A**	1.00	1.02
EHD4X60A**	*8MX*0902116**	1.00	0.99	EA*4X60*21A*	*9MX*1002120A**	1.00	1.01
EN(A,D,W)4X48*21**	*8MX*0902116**	1.00	1.01	EHD4X48A**	*9MX*1002120A**	1.00	1.01
ENH4X48*21**	*8MX*0902116**	1.00	1.01	EHD4X60A**	*9MX*1002120A**	1.00	0.99
EA*4X48*21A*	*8MX*1102120**	0.99	1.01	EN(A,D,W)4X48*21**	*9MX*1002120A**	1.00	1.02
EA*4X60*21A*	*8MX*1102120**	1.00	1.00	ENH4X48*21**	*9MX*1002120A**	0.99	1.01
EHD4X48A**	*8MX*1102120**	0.99	0.99	EA*4X48*24A*	*9MX*1202422A**	1.00	1.02
EHD4X60A**	*8MX*1102120**	1.00	0.98	EA*4X60*24A*	*9MX*1202422A**	1.00	1.00
EN(A,D,W)4X48*21**	*8MX*1102120**	0.99	0.99	EHD4X48A**	*9MX*1202422A**	1.00	1.01
ENH4X48*21**	*8MX*1102120**	0.99	0.99	EHD4X60A**	*9MX*1202422A**	1.00	0.99
EA*4X48*24A*	*8MX*1352420**	1.00	1.01	EN(A,D)4X48*24**	*9MX*1202422A**	1.00	1.01
EA*4X60*24A*	*8MX*1352420**	1.00	1.00	EN(A,D,W)4X60*24**	*9MX*1202422A**	1.00	1.00
EHD4X48A**	*8MX*1352420**	1.00	1.01	ENH4X60*24**	*9MX*1202422A**	1.00	1.00
EHD4X60A**	*8MX*1352420**	1.00	0.99	EHD4X60A**	*9MV*0801716A**	1.01	1.03
EN(A,D)4X48*24**	*8MX*1352420**	1.00	1.01	EA*4X48*21A*	*9MV*0802120A**	0.99	1.02
EN(A,D,W)4X60*24**	*8MX*1352420**	1.00	0.99	EA*4X60*21A*	*9MV*0802120A**	0.99	1.00
ENH4X60*24**	*8MX*1352420**	1.00	0.99	EHD4X48A**	*9MV*0802120A**	0.99	1.01
EA*4X48*17A*	*8MV*0901716**	1.00	1.02	EHD4X60A**	*9MV*0802120A**	1.00	1.00
EHD4X48A**	*8MV*0901716**	1.00	1.02	EN(A,D,W)4X48*21**	*9MV*0802120A**	0.99	1.01
EHD4X60A**	*8MV*0901716**	1.00	1.01	ENH4X48*21**	*9MV*0802120A**	0.99	1.01
EA*4X48*21A*	*8MV*1102120**	1.00	1.03	EA*4X48*21A*	*9MV*1002120A**	0.99	1.01
EA*4X60*21A*	*8MV*1102120**	1.00	1.01	EA*4X60*21A*	*9MV*1002120A**	0.99	0.99
EHD4X48A**	*8MV*1102120**	1.00	1.02	EHD4X48A**	*9MV*1002120A**	0.99	1.00
EHD4X60A**	*8MV*1102120**	1.00	1.00	EHD4X60A**	*9MV*1002120A**	0.99	0.98
EN(A,D,W)4X48*21**	*8MV*1102120**	0.99	1.01	EN(A,D,W)4X48*21**	*9MV*1002120A**	0.99	1.01
ENH4X48*21**	*8MV*1102120**	0.99	1.01	ENH4X48*21**	*9MV*1002120A**	0.99	1.01

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4484GKA

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
EA*4X48*24A*	*9MV*1202422A**	0.99	1.01	EN(A,D,W)4X48*21**	NOMV156E19*	1.00	1.03
EA*4X60*24A*	*9MV*1202422A**	1.00	1.01	ENH4X48*21**	NOMV156E19*	1.00	1.03
EHD4X48A**	*9MV*1202422A**	0.99	1.01	EA*4X48*24A*	OLV154F20A	1.02	1.02
EHD4X60A**	*9MV*1202422A**	1.00	0.99	EA*4X60*24A*	OLV154F20A	1.02	1.01
EN(A,D)4X48*24**	*9MV*1202422A**	0.99	1.01	EN(A,D)4X48*24**	OLV154F20A	1.02	1.02
EN(A,D,W)4X60*24**	*9MV*1202422A**	0.99	0.99	EN(A,D,W)4X60*24**	OLV154F20A	1.02	1.01
ENH4X60*24**	*9MV*1202422A**	0.99	0.99	EA*4X48*24A*	OMV154L20A	1.00	1.02
EA*4X48*21A*	*9MA*0802120A**	0.99	1.02	EA*4X60*24A*	OMV154L20A	1.00	1.01
EA*4X60*21A*	*9MA*0802120A**	0.99	1.01	EHD4X48A**	OMV154L20A	1.00	1.01
EHD4X48A**	*9MA*0802120A**	0.99	1.01	EHD4X60A**	OMV154L20A	1.00	0.99
EHD4X60A**	*9MA*0802120A**	0.99	1.00	EN(A,D)4X48*24**	OMV154L20A	1.00	1.02
EN(A,D,W)4X48*21**	*9MA*0802120A**	0.99	1.02	EN(A,D,W)4X60*24**	OMV154L20A	1.00	1.01
ENH4X48*21**	*9MA*0802120A**	0.99	1.02	ENH4X60*24**	OMV154L20A	1.00	1.01
EA*4X48*21A*	*9MA*1002122A**	0.99	1.01	EA*4X48*17A*		1.02	1.03
EA*4X60*21A*	*9MA*1002122A**	1.00	1.01	EA*4X48*21A*	MV16**21C*	0.99	1.00
EHD4X48A**	*9MA*1002122A**	1.00	1.01	EA*4X48*24A*	MV20**24C*	0.98	0.99
EHD4X60A**	*9MA*1002122A**	1.00	0.99	EA*4X60*21A*		1.02	1.03
EN(A,D,W)4X48*21**	*9MA*1002122A**	0.99	1.01	EA*4X60*21A*	MV16**21C*	0.99	0.98
ENH4X48*21**	*9MA*1002122A**	1.00	1.02	EA*4X60*24A*		1.02	1.03
EA*4X48*24A*	*9MA*1202422A**	0.99	1.02	EA*4X60*24A*	MV20**24C*	0.99	0.99
EA*4X60*24A*	*9MA*1202422A**	0.99	1.01	EHD4X48A**		1.02	1.03
EHD4X48A**	*9MA*1202422A**	0.99	1.01	EHD4X48A**	MV16**21C*	0.99	0.98
EHD4X60A**	*9MA*1202422A**	0.99	1.00	EHD4X60A**	MV20**24C*	0.99	0.99
EN(A,D)4X48*24**	*9MA*1202422A**	0.99	1.02	EHD4X60A**		1.03	1.04
EN(A,D,W)4X60*24**	*9MA*1202422A**	0.99	1.01	EHD4X60A**	MV16**21C*	0.99	0.97
ENH4X60*24**	*9MA*1202422A**	0.99	1.01	EHD4X60A**	MV20**24C*	0.99	0.98
EA*4X48*21A*	*9MA*0602120A**	0.99	1.04	EN(A,D)4X48*24**		1.02	1.04
EA*4X60*21A*	*9MA*0602120A**	0.99	1.03	EN(A,D)4X48*24**	MV20**24C*	0.99	1.00
EHD4X48A**	*9MA*0602120A**	1.00	1.04	EN(A,D,W)4X48*21**	EN(A,D,W)4X48*21**	1.02	1.04
EHD4X60A**	*9MA*0602120A**	1.00	1.03	EN(A,D,W)4X48*21**	MV16**21C*	0.99	0.99
EN(A,D,W)4X48*21**	*9MA*0602120A**	0.99	1.03	EN(A,D,W)4X60*24**		1.02	1.04
ENH4X48*21**	*9MA*0602120A**	0.99	1.03	EN(A,D,W)4X60*24**	MV20**24C*	0.99	0.99
EA*4X48*21A*	NOMV156E19*	1.00	1.03	ENH4X48*21**		1.02	1.04
EA*4X60*21A*	NOMV156E19*	1.00	1.02	ENH4X48*21**	MV16**21C*	0.99	0.99
EHD4X48A**	NOMV156E19*	1.00	1.02	ENH4X60*24**		1.02	1.04
EHD4X60A**	NOMV156E19*	1.00	1.01	ENH4X60*24**	MV20**24C*	0.99	0.99

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.org.
New ratings may be listed online before Specification Sheets are updated.

WCH4604GKA Outdoor With FEM4X60**B* Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1750	MBh†	19.92	18.96	17.86	26.13	25.18	24.18	32.70	31.78	30.83	40.40	39.14	38.13	48.32	47.61	46.97	56.33	55.50	54.71	65.47	64.62	63.72	74.04	73.09	72.12
	T/R	11.20	10.60	10.00	14.70	14.10	13.50	18.40	17.80	17.30	22.70	22.00	21.30	27.20	26.70	26.30	31.70	31.10	30.60	36.80	36.20	35.70	41.60	41.00	40.40
	AMPS*	14.46	15.05	15.67	15.12	15.74	16.41	15.77	16.44	17.15	16.58	17.26	18.01	17.47	18.26	19.12	18.39	19.22	20.09	19.14	19.98	20.89	20.10	20.97	21.89
	HI PR	220	236	251	234	250	266	249	266	283	267	283	301	288	307	327	310	329	348	329	348	368	351	371	391
	LO PR	34	34	34	44	44	44	55	55	56	67	68	68	81	82	82	97	98	98	115	115	116	131	132	132
2000	MBh†	20.34	19.33	18.23	26.60	25.65	24.62	33.24	32.31	31.35	41.69	39.79	38.76	48.89	48.18	47.51	57.20	56.35	55.49	65.93	65.09	64.24	74.13	73.21	72.29
	T/R	10.00	9.50	8.90	13.10	12.60	12.10	16.40	15.90	15.40	20.50	19.50	19.00	24.00	23.60	23.30	28.10	27.70	27.20	32.40	32.00	31.50	36.50	35.90	35.40
	AMPS*	14.62	15.21	15.83	15.22	15.85	16.51	15.81	16.47	17.18	16.64	17.22	17.96	17.32	18.11	18.94	18.08	18.92	19.78	18.80	19.63	20.51	19.60	20.46	21.36
	HI PR	217	232	248	229	245	262	243	260	277	261	276	293	278	297	316	296	316	335	314	333	353	334	353	373
	LO PR	34	34	34	44	44	44	55	55	55	67	68	68	81	82	82	97	98	98	114	114	115	129	130	130
2250	MBh†	20.71	19.68	18.59	27.01	26.05	25.03	33.71	32.77	31.81	42.13	40.43	39.31	49.42	48.71	48.00	57.87	57.02	56.18	66.21	65.41	64.58	73.92	73.09	72.20
	T/R	9.10	8.60	8.10	11.80	11.40	10.90	14.70	14.30	13.80	18.40	17.60	17.10	21.60	21.30	20.90	25.30	24.90	24.50	29.00	28.50	28.10	32.30	31.90	31.40
	AMPS*	14.80	15.39	16.01	15.35	15.98	16.64	15.90	16.56	17.27	16.65	17.25	17.99	17.28	18.06	18.87	17.92	18.74	19.61	18.60	19.42	20.28	19.28	20.13	21.01
	HI PR	215	230	246	226	242	258	238	255	272	255	270	287	271	289	308	286	305	325	303	322	342	320	339	359
	LO PR	34	34	34	43	44	44	55	55	55	67	67	68	81	81	82	97	97	98	112	113	114	127	127	128

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

T/R - Temp Rise is based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4604GKA

HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4604GKA				HEATING MULTIPLIERS FOR COMBINATION RATINGS: WCH4604GKA			
Heating Indoor Model	Furnace Model	Capacity	Power				
*FXM4X60**A*		1.00	1.00	EHD4X60A**	*9MV*1002120A**	0.99	1.02
FCM4X60****		0.99	0.99	EHD4X60A**	*9MA*0802120A**	0.98	1.03
FEM4X60**A*		0.99	1.00	EA*4X60*21A*	*9MA*1002122A**	0.98	1.03
FVM4X60****		0.99	0.99	EHD4X60A**	*9MA*1002122A**	0.99	1.02
EA*4X60*21A*	*8MX*1102120**	0.98	1.02	EA*4X60*24A*	*9MA*1202422A**	0.98	1.03
EHD4X60A**	*8MX*1102120**	0.99	1.01	EHD4X60A**	*9MA*1202422A**	0.98	1.01
EA*4X60*24A*	*8MX*1352420**	0.98	1.03	EN(A,D,W)4X60*24**	*9MA*1202422A**	0.98	1.03
EHD4X60A**	*8MX*1352420**	0.99	1.01	ENH4X60*24**	*9MA*1202422A**	0.98	1.03
EN(A,D,W)4X60*24**	*8MX*1352420**	0.98	1.02	EA*4X60*21A*		0.99	1.04
ENH4X60*24**	*8MX*1352420**	0.98	1.02	EA*4X60*21A*	MV16**21C*	0.99	1.02
EA*4X60*21A*	*8MV*1102120**	0.99	1.04	EA*4X60*24A*		0.99	1.04
EHD4X60A**	*8MV*1102120**	0.99	1.02	EA*4X60*24A*	MV20**24C*	0.98	1.02
EA*4X60*24A*	*8MV*1352422**	0.98	1.02	EHD4X60A**		1.01	1.04
EHD4X60A**	*8MV*1352422**	0.98	1.00	EHD4X60A**	MV16**21C*	0.99	1.00
EN(A,D,W)4X60*24**	*8MV*1352422**	0.98	1.02	EHD4X60A**	MV20**24C*	0.99	1.01
ENH4X60*24**	*8MV*1352422**	0.98	1.02	EN(A,D,W)4X60*24**		0.99	1.04
EHD4X60A**	*9MX*0802120A**	0.99	1.02	EN(A,D,W)4X60*24**	MV20**24C*	0.98	1.02
EHD4X60A**	*9MX*1002120A**	1.01	1.04	ENH4X60*24**		0.99	1.04
EA*4X60*24A*	*9MX*1202422A**	0.98	1.03	ENH4X60*24**		0.99	1.04
EHD4X60A**	*9MX*1202422A**	0.99	1.02	ENH4X60*24**	MV20**24C*	0.98	1.02
EN(A,D,W)4X60*24**	*9MX*1202422A**	0.98	1.03				
ENH4X60*24**	*9MX*1202422A**	0.98	1.03				
EA*4X60*21A*	*9MV*1002120A**	0.99	1.04				

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS

Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.

New ratings may be listed online before Specification Sheets are updated.

Unit Size WCH4	Indoor Model	AHRI STANDARD RATINGS											
		COOLING							HEATING				
		Capacity	Factory Enhance	SEER				EER	High Temp		Low Temp		HSPF
Standard	Piston			TDR	TXV	Capacity	COP		Capacity	COP			
184GKA	WAP*184A*	17,900	TDR		13.70			11.70	17,200	3.74	10,300	2.42	8.0
	WAP*244A*	17,900	TDR		13.70			11.70	17,200	3.74	10,300	2.42	8.0
	WAH*184B*	18,000	TDR&TXV	14.00				11.70	17,200	3.74	10,300	2.42	8.0
	WAH*244B*	18,000	TDR&TXV	14.00				11.70	17,200	3.74	10,300	2.42	8.0
	WAHA18**4A*	18,000	TDR&TXV	13.00				11.00	17,200	3.74	10,400	2.42	7.7
	WAHA24**4A*	18,000	TDR&TXV	13.00				11.00	17,200	3.84	10,300	2.48	7.7
	WAH*184A*	18,000	TDR&TXV	14.00				11.50	17,200	3.76	10,300	2.42	8.0
	WAH*244A*	18,200	TDR&TXV	14.00				12.00	17,200	3.80	10,300	2.46	8.0
	WAX*184A*	18,000	TDR&TXV	14.50				12.20	17,200	3.90	10,300	2.50	8.2
WAX*244A*	18,000	TDR&TXV	14.50				12.20	17,200	3.88	10,300	2.50	8.2	
244GKA	WAP*244A*	21,400	TDR		13.20			11.20	22,000	3.50	13,100	2.38	7.7
	WAP*304A*	21,800	TDR		13.20			11.20	22,200	3.56	13,200	2.40	7.8
	WAH*244B*	21,600	TDR&TXV	14.00				11.20	22,200	3.50	13,100	2.38	7.8
	WAH*304B*	22,000	TDR&TXV	14.00				11.20	22,200	3.56	13,300	2.40	7.8
	WAHA24**4A*	22,000	TDR&TXV	13.00				11.30	22,000	3.56	13,100	2.42	7.7
	WAHA30**4A*	22,000	TDR&TXV	13.00				11.70	21,600	3.60	13,100	2.46	7.7
	WAH*244A*	21,600	TDR&TXV	13.50				11.00	22,000	3.46	13,300	2.36	7.7
	WAH*304A*	22,000	TDR&TXV	14.00				11.00	21,800	3.58	13,200	2.42	7.8
	WAX*244A*	22,000	TDR&TXV	14.00				11.50	21,800	3.64	13,100	2.46	8.0
	WAX*304A*	22,200	TDR&TXV	14.50				11.70	21,400	3.62	13,100	2.46	8.0
	W*A*244AA*	21,600	TXV			13.00		10.50	22,600	3.42	13,600	2.32	7.7
	W*A*244BA*	21,600	TXV			13.00		10.50	22,600	3.42	13,600	2.32	7.7
	W*A*304AA*	21,800	TXV			13.00		10.50	22,400	3.44	13,600	2.32	7.7
	W*A*304BA*	21,800	TXV			13.00		10.50	22,400	3.44	13,600	2.32	7.7
	W*NH244BA*	21,400	TXV			13.00		10.50	22,600	3.50	13,600	2.32	7.7
	W*NH304BA*	21,800	TXV			13.00		10.50	22,400	3.46	13,600	2.34	7.7
	W*NC244AA*	21,400	TXV			13.00		10.50	22,800	3.50	13,600	2.32	7.7
	W*NC244BA*	21,400	TXV			13.00		10.50	22,800	3.50	13,600	2.32	7.7
	W*NC304AA*	21,800	TXV			13.00		10.50	22,400	3.46	13,600	2.34	7.7
	W*NC304BA*	21,800	TXV			13.00		10.50	22,400	3.46	13,600	2.34	7.7
304GKA	WAP*304A*	28,800	TDR		13.20			11.20	29,200	3.50	18,000	2.42	8.0
	WAH*304B*	29,800	TDR&TXV	14.00				11.20	29,200	3.50	18,000	2.42	8.0
	WAH*364B*	29,400	TDR&TXV	13.20				11.00	29,400	3.40	18,300	2.36	7.8
	WAHA30**4A*	29,800	TDR&TXV	13.00				11.00	29,200	3.48	18,000	2.42	7.7
	WAHA36**4A*	30,000	TDR&TXV	13.00				11.00	29,200	3.54	18,100	2.44	7.7
	WAH*304A*	29,600	TDR&TXV	13.50				11.00	29,400	3.44	18,300	2.36	7.8
	WAH*364A*	29,800	TDR&TXV	13.00				11.00	29,600	3.42	18,500	2.36	7.8
	WAX*304A*	30,000	TDR&TXV	14.00				11.50	29,200	3.54	18,100	2.44	8.0
	WAX*364A*	30,000	TDR&TXV	14.50				12.00	29,200	3.70	18,000	2.52	8.2
	W*A*304AA*	29,600	TXV			13.00		10.60	29,600	3.38	18,600	2.34	7.8
	W*A*304BA*	29,600	TXV			13.00		10.60	29,600	3.38	18,600	2.34	7.8
	W*A*364AA*	29,600	TXV			13.00		10.70	29,800	3.40	18,700	2.34	7.8
	W*A*364BA*	29,600	TXV			13.00		10.70	29,800	3.40	18,700	2.34	7.8
	W*A*364CA*	29,600	TXV			13.00		10.70	29,800	3.40	18,700	2.34	7.8
	W*NH304BA*	29,600	TXV			13.00		10.60	29,600	3.40	18,700	2.34	7.8
	W*NH364BA*	29,600	TXV			13.00		10.60	29,600	3.40	18,700	2.34	7.8
	W*NC304AA*	29,600	TXV			13.00		10.60	29,600	3.40	18,700	2.34	7.8
	W*NC304BA*	29,600	TXV			13.00		10.60	29,600	3.40	18,700	2.34	7.8
	W*N(C,W)364BA*	29,600	TXV			13.00		10.60	29,600	3.40	18,700	2.34	7.8
	W*NC364CA*	29,600	TXV			13.00		10.60	29,600	3.40	18,700	2.34	7.8

Unit Size WCH4	Indoor Model	AHRI STANDARD RATINGS											
		COOLING							HEATING				
		Capacity	Factory Enhance	SEER				EER	High Temp		Low Temp		HSPF
Standard	Piston			TDR	TXV	Capacity	COP		Capacity	COP			
364GKA	WAP*364A*	33,400	TDR		13.00			11.30	33,400	3.54	21,000	2.48	8.0
	WAP*424A*	34,200	TDR		13.20			11.50	33,800	3.64	21,400	2.54	8.2
	WAH*364B*	33,600	TDR&TXV	13.50				11.50	33,400	3.56	21,000	2.48	8.0
	WAH*424B*	34,400	TDR&TXV	14.00				11.50	33,800	3.64	21,400	2.54	8.2
	WAHA36**4A*	34,000	TDR&TXV	13.00				11.00	33,400	3.58	21,000	2.50	7.7
	WAH*364A*	34,000	TDR&TXV	13.70				11.50	33,000	3.60	21,200	2.52	8.0
	WAH*424A*	34,400	TDR&TXV	13.50				11.00	33,600	3.58	21,600	2.50	8.0
	WAX*364A*	34,800	TDR&TXV	14.50				12.20	33,400	3.76	21,000	2.60	8.2
	WAX*424A*	34,600	TDR&TXV	14.00				11.70	33,800	3.66	21,400	2.54	8.2
	W*A*364AA*	33,600	TXV			13.00		11.00	34,000	3.48	21,600	2.44	7.8
	W*A*364BA*	33,600	TXV			13.00		11.00	34,000	3.48	21,600	2.44	7.8
	W*A*364CA*	33,600	TXV			13.00		11.00	34,000	3.48	21,600	2.44	7.8
	W*A*424CA*	33,800	TXV			13.00		11.00	34,000	3.52	21,800	2.46	8.0
	W*A*424DA*	33,800	TXV			13.00		11.00	34,000	3.52	21,800	2.46	8.0
	W*NH364BA*	33,600	TXV			13.00		11.00	34,000	3.48	21,600	2.44	7.7
	W*NH424CA*	33,800	TXV			13.00		11.00	34,000	3.52	21,800	2.46	8.0
	W*N(C,W)364BA*	33,600	TXV			13.00		11.00	34,000	3.48	21,600	2.44	7.7
	W*NC364CA*	33,600	TXV			13.00		11.00	34,000	3.48	21,600	2.44	7.7
W*NC424BA*	34,200	TXV			13.20		11.20	34,200	3.58	21,800	2.48	8.0	
W*N(C,W)424CA*	33,800	TXV			13.00		11.00	34,000	3.52	21,800	2.46	8.0	
424GKA	WAP*424A*	41,000	TDR		13.00			11.50	39,000	3.68	23,800	2.46	7.7
	WAP*484A*	41,500	TDR		13.50			11.30	38,500	3.70	23,600	2.48	8.0
	WAH*424B*	41,500	TDR&TXV	13.70				11.30	39,500	3.68	23,800	2.46	7.8
	WAH*484B*	41,500	TDR&TXV	14.00				11.50	38,500	3.70	23,600	2.48	8.0
	WAH*424A*	41,500	TDR&TXV	13.70				11.00	39,000	3.66	23,800	2.44	7.8
	WAH*484A*	42,500	TDR&TXV	14.00				11.50	39,000	3.80	23,800	2.52	8.0
	WAX*424A*	41,500	TDR&TXV	14.00				11.30	38,500	3.70	23,800	2.46	8.0
	WAX*484A*	42,000	TDR&TXV	14.50				12.00	39,500	3.84	23,800	2.54	8.2
	W*A*484BA*	41,000	TXV			13.00		10.85	39,500	3.66	24,600	2.42	7.8
	W*A*484CA*	41,000	TXV			13.00		10.75	39,500	3.62	24,400	2.40	7.8
	W*A*484DA*	41,000	TXV			13.00		10.75	39,500	3.62	24,400	2.40	7.8
	W*NH424CA*	40,500	TXV			13.00		10.80	39,000	3.54	24,400	2.36	7.7
	W*NH484CA*	41,000	TXV			13.00		10.80	39,500	3.62	24,400	2.40	7.8
	W*NC424BA*	40,000	TXV			13.00		10.80	39,000	3.58	24,400	2.38	7.7
	W*N(C,W)424CA*	40,000	TXV			13.00		10.80	39,000	3.54	24,400	2.36	7.7
W*N(C,W)484CA*	41,000	TXV			13.00		10.80	39,500	3.62	24,400	2.40	7.8	
W*NC484DA*	41,000	TXV			13.00		10.80	39,500	3.62	24,400	2.40	7.8	
484GKA	WAP*484A*	46,000	TDR		13.00			11.20	46,000	3.64	28,200	2.46	7.7
	WAP*604A*	48,000	TDR&TXV	14.00				11.50	45,500	3.74	28,200	2.52	8.2
	WAH*484B*	47,000	TDR&TXV	13.70				11.00	45,500	3.64	28,200	2.48	8.0
	WAH*484A*	48,000	TDR&TXV	14.00				11.50	45,500	3.74	28,200	2.52	8.2
	WAH*604A*	49,000	TDR&TXV	14.50				12.00	46,000	3.86	28,400	2.58	8.2
	WAX*484A*	48,000	TDR&TXV	14.50				12.00	45,500	3.80	28,000	2.56	8.2
	WAX*604A*	49,000	TDR&TXV	14.50				12.00	45,500	3.90	28,200	2.60	8.2
	W*A*484BA*	46,500	TXV			13.50		11.00	45,500	3.62	28,200	2.44	7.8
	W*A*484CA*	46,500	TXV			13.00		11.00	46,000	3.64	28,600	2.44	8.0
	W*A*484DA*	46,500	TXV			13.00		11.00	46,000	3.64	28,600	2.44	8.0
	W*A*604CA*	48,000	TXV			13.70		11.00	46,500	3.68	28,800	2.48	8.0
	W*A*604DA*	48,000	TXV			13.70		11.00	46,500	3.68	28,800	2.48	8.0
	W*NH484CA*	47,000	TXV			13.00		11.00	46,000	3.64	28,800	2.46	8.0
	W*NH604DA*	47,500	TXV			13.70		11.00	46,000	3.68	28,800	2.48	8.0
	W*N(C,W)484CA*	47,000	TXV			13.00		11.00	46,000	3.64	28,800	2.46	8.0
	W*NC484DA*	47,000	TXV			13.00		11.00	46,000	3.64	28,800	2.46	8.0
W*N(C,W)604DA*	47,500	TXV			13.70		11.00	46,000	3.68	28,800	2.48	8.0	
604GKA	WAP*604A*	57,000	TDR&TXV	13.00				11.00	57,000	3.54	35,400	2.50	7.7
	WAH*604A*	58,000	TDR&TXV	13.70				11.00	56,000	3.70	35,400	2.58	8.0
	WAX*604A*	58,000	TDR&TXV	14.00				11.50	57,000	3.72	35,200	2.60	8.0
	W*A*604CA*	57,000	TXV			13.00		11.00	57,000	3.56	35,800	2.50	7.7
	W*A*604DA*	57,000	TXV			13.00		10.85	57,000	3.56	35,800	2.50	7.7
	W*NH604DA*	56,500	TXV			13.00		11.00	57,000	3.56	35,800	2.50	7.7
	W*N(C,W)604DA*	56,500	TXV			13.00		11.00	57,000	3.56	35,800	2.50	7.7

ACCESSORY USAGE GUIDELINES

Accessory	Required for applications in snow belt region	Required for Low-Ambient Cooling Applications {Below 55°F (13°C)}	Required for Long Line Applications* {Over 80 Ft. (24.4m)}	Required for Seacoast Applications (Within 2 miles/3.22km)
Crankcase Heater	Standard (if required)	Yes	Yes	No
Evaporator Freeze Thermostat	No	Yes	No	No
Accumulator	Standard	Standard	Standard	Standard
Compressor Start Assist Capacitor and Relay	No	Yes	Yes	No
Low-ambient Control	No	Yes***	No	No
Support Feet	Yes	Recommended	No	Recommended
Liquid Line Solenoid Valve	No	No	See Long-Line Application Guideline	No

* For Tubing Set lengths between 80 and 200 ft (24.4 and 61m) horizontal or 20 ft (6.1m) vertical differential, refer to the Application Guideline and Service Manual-Air Conditioners and Heat Pumps using R-410A

*** For heat pump application, isolation relay required (see kit below)

ACCESSORIES

Part Number	Description	Used On Model Size
NASA001SC	Start Component – PTC Device	ALL
NASA001FS	Evaporator Freeze Thermostat	ALL
NASA001LS	Liquid Line Solenoid Valve	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL
NASA401LA	Low Ambient Kit (Pressure Switch)	ALL
NASA00101IK	Low Ambient Isolation Relay Kit	ALL
NASA404PS	High Pressure Switch	ALL
NASA00201SF	Support Feet, 4" (102mm) tall (5 blocks)	18
NASA001SF	Support Feet, 4" (102mm) tall (4 blocks)	24, 30, 36, 42, 60
NASA003SC	Hard Start Kit (Capacitor & Relay)	ALL
NASA003CH	Crankcase Heater for Compressor	18, 24, 30, 36
NASA001CH	Crankcase Heater for Compressor	42, 48, 60
NASA002SJ	Sound Jacket, Compressor	18, 24, 30
NASA001SJ	Sound Jacket, Compressor	36, 42, 48
NASA003SJ	Sound Jacket, Compressor	60
EBAC05TXVX	TXV Kit, R-410A – 2005–2009 R-22 TXV Fancoils (air handlers)	18, 24, 30
EBAC06TXVX	TXV Kit, R-410A – 2005–2009 R-22 TXV Fancoils (air handlers)	36
EBAC07TXVX	TXV Kit, R-410A – 2005–2009 R-22 TXV Fancoils (air handlers)	42, 48, 60