



## Features

- High-efficiency compressors with internal pressure relief valves and inherent thermal protection
- High-quality condenser coil with copper tubing and enhanced louvered fin for maximum heat transfer capacity
- Top discharge directs hot air and sound away from living area and shrubbery
- All units are factory run tested
- Enhanced wire guard coil protection
- Easy access to electrical panels, pre-wired for easy hook-up
- Control panel allows simple access to internal components
- 45-degree service valves for easy hook-up and service
- Liquid line filter drier factory installed
- All units ETL, ETL C approved and ARI listed
- Charged for 15 feet of interconnecting tubing
- Warranties: 5 year parts; 10 year compressor (see warranty certificate for details)

# W2C4 14 SEER AC Condenser



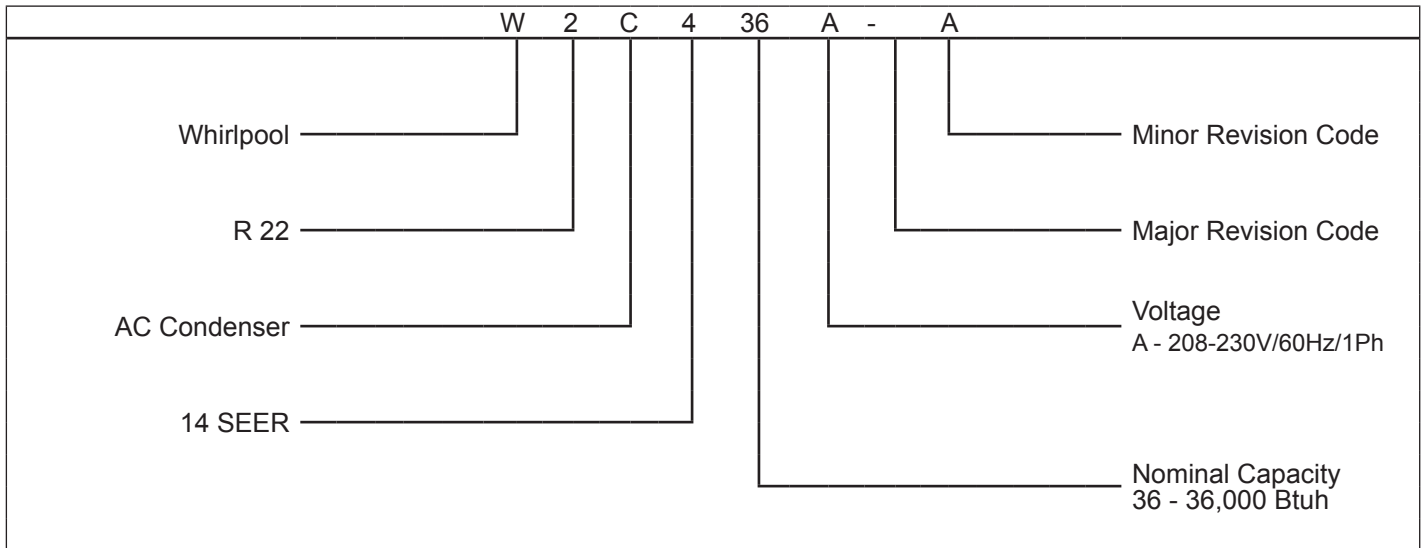
**10 Year Compressor Warranty**

**5 Year Parts Warranty**

**Extended Parts and Labor  
Warranties Available**



## Model Number Guide



## Physical and Electrical

Model	Volts/Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Over-current Device (amps)	Compressor			Fan Motor			Refrig. Charge (oz.)	Weight (lbs.)
					Rated Load (amps)	Locked Rotor (amps)	Type	Rated Load (amps)	Rated HP	Nom. RPM		
W2C418A	208-230/1/60	197-253	9.7	15	6.9	35	Recip	1.1	1/10	1075	106	185
W2C424A	208-230/1/60	197-253	11.6	20	8.4	39	Recip	1.1	1/10	1075	129	201
W2C430A	208-230/1/60	197-253	15.2	25	11.3	51	Recip	1.1	1/5	1075	154	227
W2C436A	208-230/1/60	197-253	17.2	30	12.9	61	Scroll	1.1	1/5	1075	185	226
W2C442A	208-230/1/60	197-253	21.5	35	16.2	82	Recip	1.2	1/4	1075	204	262
W2C448A	208-230/1/60	197-253	22.6	35	17.1	100	Scroll	1.2	1/4	1075	208	261
W2C460A	208-230/1/60	197-253	28.8	50	21.4	137	Scroll	2.0	1/3	1075	264	270

## Cooling Performance with Evaporator Coils

Model Number	Indoor Model	SEER	EER	Rated ARI Capacity <sup>1</sup>	Rated Sensible Capacity	CFM	Refrigeration Connections				Required Indoor Coil Orifice <sup>2</sup>
							Outdoor		Indoor		
	Suction						Liquid	Suction	Liquid		
W2C418	WE(C,U,M,H)1P23	14.0	12.2	19,000	14,100	650	3/4	3/8	3/4	3/8	A2TXV01
W2C424A	WE(C,U,M,H)1P23	14.2	12.8	23,600	18,600	850	3/4	3/8	3/4	3/8	A2TXV01
	WE(C,U,M,H)1P29	14.2	12.9	23,800	18,800	050	3/4	3/8	3/4	3/8	A2TXV01
W2C430A	WE(C,U,M,H)1P36	14.0	12.6	28,600	20,900	1,050	3/4	3/8	3/4	3/8	A2TXV01
W2C436A	WE(C,U,M,H)1P36	14.2	12.6	34,600	25,250	1,250	3/4	3/8	3/4	3/8	A2TXV01
	WE(C,U,M,H)1P43	14.5	12.7	34,800	25,400	1,250	3/4	3/8	3/4	3/8	A2TXV01
W2C442A	WE(C,U,H)1P49	14.0	12.5	40,000	29,700	1,450	7/8	3/8	7/8	3/8	A2TXV02
	WE(C,U,H)1P62	14.0	12.4	40,000	28,200	1,450	7/8	3/8	7/8	3/8	A2TXV02
	WE(C,U,H)1P62D	14.0	12.5	40,000	29,200	1,450	7/8	3/8	7/8	3/8	A2TXV02
W2C448A	WE(C,U,H)1P49	14.0	12.3	48,000	34,560	1,650	7/8	3/8	7/8	3/8	A2TXV02
	WE(C,U,H)1P62	14.0	12.3	48,000	34,560	1,650	7/8	3/8	7/8	3/8	A2TXV02
	WE(C,U,H)1P62D	14.2	12.3	48,000	34,560	1,650	7/8	3/8	7/8	3/8	A2TXV02
W2C460A	WAHMV60-1P	14.0	12.0	54,000	41,600	1,950	7/8**	3/8	7/8	3/8	A2TXV02
	WEC1P62	13.0	11.0	54,000	41,600	1950	7/8**	3/8	7/8	3/8	A2TXV02

\*\* Rated with 1-1/8 vapor line

<sup>1</sup> Certified in accordance with Unitary Air Conditioner Certification Program, which is based on ARI Standard

<sup>2</sup> Required to achieve ARI rating.

## Cooling Performance - Extended Ratings

Outdoor Model	Indoor Model	Indoor Temp DB/WB (°F)	Outdoor Temp - DB (°F)														
			65			82			95			105			115		
			Btuh	S/T	W	Btuh	S/T	W	Btuh	S/T	W	Btuh	S/T	W	Btuh	S/T	W
W2C418A	WE(U,C,M)2T23	80/67	21,900	.67	1,420	20,900	.72	1,600	20,400	.74	1,680	19,400	.77	1,740	18,000	.77	1,800
W2C424A	WE(U,C,M)2T23	80/67	25,500	.72	1,580	24,300	.77	1,780	23,700	.79	1,860	22,500	.82	1,930	20,900	.83	1,990
W2C430A	WE(U,C,M)2T36	80/67	31,000	.67	1,920	29,500	.71	2,170	28,800	.73	2,280	27,400	.76	2,370	25,300	.76	2,440
W2C436A	WE(U,C,M)2T36	80/67	37,400	.66	2,310	35,700	.70	2,620	34,800	.73	2,740	33,100	.75	2,850	30,600	.76	2,940
W2C442A	WE(U,C,M)2T49	80/67	43,700	.66	2,790	41,700	.70	3,150	40,700	.73	3,300	38,600	.75	3,420	35,800	.76	3,530
W2C448A	WE(U,C,M)2T49	80/67	52,000	.65	3,290	49,600	.69	3,720	40,400	.72	3,900	46,000	.74	4,050	42,600	.75	4,180
W2C460A	WAHMV60	80/67	58,100	.70	3,750	55,400	.75	4,270	54,000	.77	4,490	51,300	.80	4,671	47,500	.81	4,838

## Cooling Performance with Air Handlers 18 - 60

Model Number	Indoor Air Handler	SEER	EER	Rated ARI Capacity <sup>1</sup>	Rated Sensible Capacity	CFM	Refrigeration Connections				Required Indoor Coil Orifice <sup>2</sup>
							Outdoor		Indoor		
	Piston or Field Installed TXV						Suction	Liquid	Suction	Liquid	
W2C418A	WAHMS18-1P	14.5	12.5	19,000	14,000	650	3/4	3/8	3/4	3/8	A2TXV01
	WAHMV24-1P	15.5	13.5	19,000	14,000	650	3/4	3/8	3/4	3/8	A2TXV01
W2C424A	WAHMS24-1P	14.5	13.2	23,800	18,600	850	3/4	3/8	3/4	3/8	A2TXV01
	WAHMV24-1P	15.0	13.5	24,000	18,600	850	3/4	3/8	3/4	3/8	A2TXV01
W2C430A	WAHMS30-1P	14.2	13.1	28,600	20,900	1,050	3/4	3/8	3/4	3/8	A2TXV01
	WAHMV36-1P	15.0	13.5	29,000	20,900	1,050	3/4	3/8	3/4	3/8	A2TXV01
W2C436A	WAHMS36-1P	14.2	12.9	34,800	25,400	1,250	3/4	3/8	3/4	3/8	A2TXV01
	WAHMV36-1P	15.0	13.5	35,000	25,400	1250	3/4	3/8	3/4	3/8	A2TXV01
W2C442A	WAHMS42-1P	14.2	12.9	40,000	29,200	1,450	7/8	3/8	7/8	3/8	A2TXV02
	WAHMV42-1P	15.0	13.0	40,500	29,200	1,450	7/8	3/8	7/8	3/8	A2TXV02
W2C448A	WAHMS48-1P	14.5	12.8	48,000	34,560	1,650	7/8	3/8	7/8	3/8	A2TXV02
	WAHMV48-1P	15.0	13.0	48,000	34,560	1650	7/8	3/8	7/8	3/8	A2TXV02
W2C460A	WAHMV60-1P	14.0	12.0	54,000	41,600	1950	7/8	3/8	7/8	3/8	A2TXV02

<sup>1</sup> Certified in accordance with Unitary Air Conditioner Certification Program, which is based on ARI Standard 210/240.

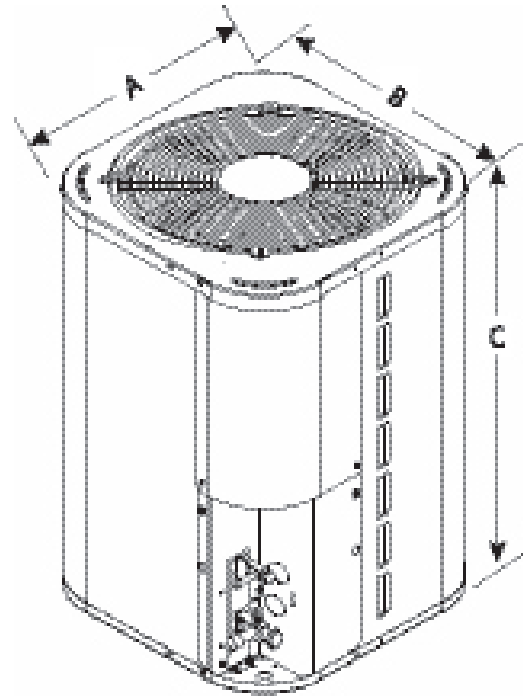
<sup>2</sup> Required to achieve ARI rating.

## Sound Ratings

Model No.	Sound Rating dBA
W2C418A	80
W2C424A	80
W2C430A	79
W2C436A	80
W2C442A	76
W2C448A	78
W2C460A	80

## Dimensions

Model	A (in.)	B (in.)	C (in.)
W2C418A	30	30	25.5
W2C424A	30	30	25.5
W2C430A	30	30	33.5
W2C436A	30	30	33.5
W2C442A	30	30	41.5
W2C448A	30	30	41.5
W2C460A	30	30	41.5



## Accessories

Kit Number	Description	Used with
Hard Start	12W19 (Factory Installed)	W2C418, 424, 430, 442
Hard Start	12W20	W2C436, 448, 460
Low Pressure Switch	14W08	All models
High Pressure Switch	14W09	All models
Low Ambient	14W11	All models
Crankcase Heater	14W04	W2C418, 424, 430, 442
Crankcase Heater	14W05	W2C436, 448, 460
Short Cycle Protection	14W07	All models
Liquid Line Solenoid	20443001	All models
Compressor Sound Blanket	14W00	W2C418, 424, 430, 442
Compressor Sound Blanket	14W03	W2C436, 448, 460
TXV Kit	A2TXV01	W2C418, 424, 430, 436
TXV Kit	A2TXV02	W2C442, 448, 460



All Specifications are subject to change without notice

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