



Whirlpool® Split System 13 SEER Heat Pump W2H3

Compressor

- Durable Copeland® compressors, with internal pressure relief valves and inherent thermal protection

Coil

- High quality condenser coil with copper tubing and enhanced louvered fin for maximum heat transfer capacity

Design & Features

- R-22 Refrigerant
- Top discharge directs hot air and sound away from living area and shrubbery
- All units factory run tested
- Easy access to electrical panels, pre-wired for easy hook-up
- 45 degree service valves for easy hook up and service
- Bi-directional liquid line filter dryer factory installed
- Discharge muffler for quiet operation
- Reliable, solid state time/temperature defrost control, with field selectable 30/60/90 minute intervals
- Defrost control is *Quiet Shift™* capable
- Low pressure switch factory installed for loss of charge protection
- Integrated control with LED diagnostics
- Short cycle protection factory installed
- All units ETL, ETLA approved and ARI listed
- Charged for 15 feet of interconnecting tubing
- Warranty: 5 year parts; 5 year compressor (see warranty certificate for details)



5 Year Limited Warranty on Compressor

5 Year Limited Warranty on all Parts

Extended Warranty Available



ARI Standard
210/240 UAC

Model Number Guide

W	2	H	3	24	A	-	1	B
Whirlpool								
2 = R22								Minor Revision Code
H = Heat Pump								Major Revision Code
3 = 13 SEER Nominal								Electric A - 208-30V/60Hz/1Ph B - 208-30V/60Hz/3Ph
								Nominal Capacity 24 = 24,000 Btuh

Physical and Electrical

Model	Voltage/Hz/PH	Voltage Range	Min. Circuit Amp.	Max. Over-current Device (amps)	Compressor		Fan Motor			Refrigerant Connections		Refrig. Charge (oz.)	Weight (lbs.)
					Rated Load (amps)	Locked Rotor (amps)	Rated Load (amps)	Rated HP	Nom. RPM	Liquid O.D. (in.)	Vapor O.D. (in.)		
W2H318A-1A	208-230/60/1	197-253	11.53	20	8.6	38	0.7	1/10	1075	3/8	3/4	130	183
W2H324A-1A	208-230/60/1	197-253	15.25	25	11.4	56	0.7	1/10	1075	3/8	3/4	130	188
W2H330A-1A	208-230/60/1	197-253	17.94	30	13.6	67	1.1	1/5	1075	3/8	3/4	144	196
W2H336A-1A	208-230/60/1	197-253	21.69	35	16.4	83	1.2	1/4	1075	3/8	3/4	210	205
W2H342A-1A	208-230/60/1	197-253	23.59	40	17.9	88	1.2	1/4	1075	3/8	7/8	221	215
W2H348A-1A	208-230/60/1	197-253	26.80	45	20.0	104	1.2	1/4	1075	3/8	7/8	306	227
W2H360A-1A	208-230/60/1	197-253	31.02	50	22.1	137	1.2	1/4	1075	3/8	1 1/8	330	245
W2H360B-1A	208-230/60/3	197-253	14.57	25	10.7	77	1.2	1/4	1075	3/8	3/4	210	205
W2H360B-1A	208-230/60/3	197-253	19.18	30	13.9	88	1.2	1/4	1075	3/8	7/8	306	227
W2H360B-1A	208-230/60/3	197-253	21.64	35	16.4	91	1.2	1/4	1075	3/8	1 1/8	330	245

Performance with Air Handlers

Outdoor Model	Indoor Model	Cooling			Heating					CFM	Metering Device ¹	
		Btuh	SEER	S/T	Btuh (47°F)	COP (47°F)	Btuh (17°F)	COP (17°F)	HSPF		Outdoor	Indoor
W2H318A-1A	WAHMS18-1A	18,000	13.00	0.74	17,000	3.50	9,000	2.10	7.7	650	TXV	.055
W2H324A-1A	WAHMS24-1A	24,000	13.00	0.74	21,400	3.30	13,500	2.25	7.7	800	.049	.063
	WMB24CB WE*1P29A,36B	24,000	13.00	0.74	21,400	3.30	13,500	2.25	7.7	800	.049	.063
W2H330A-1A	WAHMS30-1A	28,000	13.00	0.77	27,000	3.30	15,500	2.10	7.7	1100	.053	.067
W2H336A-1A	WAHMS36-1A	35,000	13.00	0.74	34,600	3.30	19,500	2.20	7.7	1250	.057	.076
	WMB36CB WE*1P43B	35,000	13.00	0.74	34,600	3.30	19,500	2.20	7.7	1250	.057	.076
W2H342A-1A	WAHMS42-1A	40,000	13.00	0.74	40,000	3.70	23,000	2.50	7.7	1400	.064	.076
	WMB48CC WE*1P49C	40,000	13.00	0.74	40,000	3.70	23,000	2.50	7.7	1400	.064	.076
W2H348A-1A	WAHMS48-1A	45,000	13.00	0.75	43,500	3.20	28,500	2.60	7.7	1600	.062	.082
	WMB48CC WE*1P49C	45,000	13.00	0.75	43,500	3.20	28,500	2.60	7.7	1600	.062	.082
W2H360A-1A	WAHMS60-1A	55,500	13.00	0.75	53,500	3.30	31,000	2.50	7.7	1950	.064	H2TXV01
	WMB60CD WE*1P62D	55,500	13.00	0.75	53,500	3.30	31,000	2.50	7.7	1950	.064	H2TXV01

* Field Installed TXV required

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

²Required to achieve ARI rating.

Single or Three Phase

Performance with Evaporator Coils

Outdoor Model	Indoor Model	Cooling					Heating					CFM	Required Orifice Size ¹
		BTUH	SEER	EER	S/T	HSPF	47°		17°				
							Btuh	COP	Btuh	COP			
WH318A	WE*1P36B,C	19,000	13	12.35	.79	7.7	18,000	2.88	11900	1.84	650		
W2H324A	WE*1P29A,B	24,000	13.00	11.4	.79	7.70	22,000	2.86	13000	2.20	850	.063	
	WE*1P36A,B,C	24,400	13.00	11.5	.79	7.70	22,600	2.88	15000	2.30			
WH330A	WE*1P36A,B,C	29,000	13	11.5	.79	7.7	25,000				1050	.068	
W2H336A	WE*1P43B,C	35,200	13.00	11.5	.79	7.70	35,000	3.50	19000	2.10	1250	.076	
	WEC,U1P49C	35,200	13.00	11.5	.79	7.70	35,000	3.50	19000	2.10			
W2H342A	WEC,U1P49C	40,000	13.00	12.45	.80	7.70	39,000	3.40	23000	2.50	1400	.076	
	WE*1P60D	40,000	13.00	12.45	.80	7.70	39,000	3.40	23000	2.50			
W2H348A	WEC,U1P49C	45,500	13.00	11.8	.81	7.70	43,000	3.37	27000	2.47	1650	.082	
	WE*1P62D	46,000	13.00	11.8	.80	7.70	43,500	3.40	27000	2.49			
W2H360A	WE*1P62D	55,000	13.00	11.95	.77	7.70	54,000	3.13	33000	2.37	1950	.098	
	WE*1P62C	56,000	13.00	11.84	.78	7.70	55,000	3.15	33000	2.38			

*Single or Three Phase

¹ - 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	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW
W2H318A-1A	WAHMS18-1A	80/67	21,300	.65	1.25	20,300	.69	1.43	19,800	.71	1.5	18,800	.74	1.61	17,400	.74	1.61
W2H324A-1A	WAHMS24-1A	80/67	27,100	.67	1.78	25,800	.72	2.03	25,200	.74	2.13	23,900	.77	2.22	22,200	.77	2.29
W2H330A-1A	WAHMS30-1A	80/67	31,400	.70	2.18	29,900	.75	2.49	29,200	.77	2.61	27,700	.80	2.72	25,700	.81	2.81
W2H336A-1A	WAHMS36-1A	80/67	35,100	.65	2.51	36,300	.72	2.95	35,400	.74	3.1	33,600	.77	3.23	31,200	.77	3.34
W2H342A-1A	WAHMS42-1A	80/67	42,400	.68	2.71	40,500	.73	3.08	39,500	.75	3.23	37,500	.78	3.36	34,700	.78	3.47
W2H348A-1A	WAHMS48-1A	80/67	49,400	.68	3.30	47,100	.73	3.76	45,900	.75	3.95	43,600	.78	4.12	40,400	.78	4.26
W2H360A-1A	WAHMS60-1A	80/67	59,900	.67	3.88	57,100	.72	4.43	55,700	.74	4.66	52,900	.77	4.85	49,000	.77	5.02

*Single or Three Phase

Heating Performance Extended Ratings

Outdoor Model	Indoor Model	Indoor Temp	17 °F Outdoor			35 °F Outdoor			47 °F Outdoor			60 °F Outdoor		
			Btuh	COP	kW	Btuh	COP	kW	Btuh	COP	kW	Btuh	COP	kW
W2H318A-1A	WAHMS18-1A	70	10,500	2.24	1.37	14,300	3.02	1.39	17,300	3.45	1.46	20,500	3.9	1.54
W2H324A-1A	WAHMS24-1A	70	12,700	2.10	1.77	17,900	2.90	1.80	21,500	3.32	1.90	25,600	3.75	2.00
W2H330A-1A	WAHMS30-1A	70	15,400	2.12	2.12	22,300	2.95	2.22	26,900	3.38	2.33	32,000	3.82	2.45
W2H336A-1A	WAHMS36-1A	70	19,800	2.19	2.64	29,000	2.91	2.91	34,900	3.33	3.07	41,500	3.75	3.24
W2H342A-1A	WAHMS42-1A	70	22,700	2.46	2.71	32,400	3.07	3.09	39,100	3.52	3.25	46,500	3.98	3.42
W2H348A-1A	WAHMS48-1A	70	27,400	2.54	3.16	36,000	2.78	3.8	43,400	3.18	4.00	51,600	3.58	4.22
W2H360A-1A	WAHMS60-1A	70	31,900	2.55	3.66	44,300	3.01	4.41	53,400	3.44	4.54	63,500	3.88	4.79

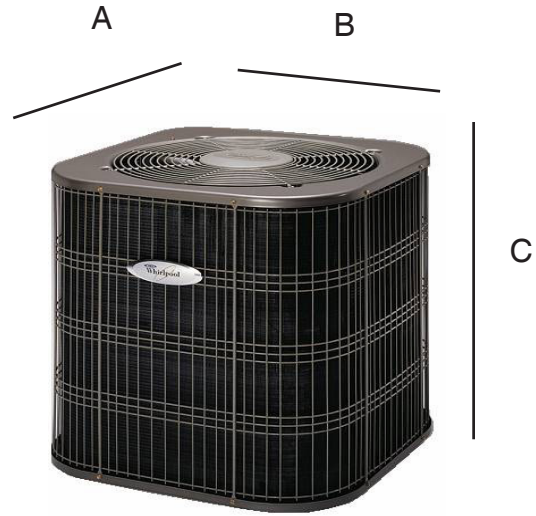
*Single or Three Phase

Accessories

Kit Number	Description	Used with
20442715 / 12W59	Hard Start Kit	All Units
20442506 / 14W09	High Pressure Kit	All Units
20442805 / 14W05	Crankcase Heater	W2H318,324, 330, 336, 342, 348
20442804 / 14W04	Crankcae Heater	W2H360
20442908 / 14W02	Sound Blanket	W2H318, 324, 330
20442906 /	Sound Blanket	W2H336, 342, 348
20442907 / 14W01	Sound Blanket	W2H360
20444702 / 17W03	Outdoor Thermostat	All Units
20444602 / 17W02	Fossile Fuel Kit	All Units
20444903 /	TXV Kit	W2H318, 324, 330, 336
20444904 /	TXV Kit	W2H342, 348, 360

Dimensions (in.)

Model	A	B	C
W2H318A-1A	30	30	33
W2H324A-1A	30	30	33
W2H330A-1A	30	30	37
W2H336A-1A	30	30	25
W2H342A-1A	30	30	25
W2H348A-1A	30	30	37
W2H360A-1A	30	30	42



NOTES



All specifications are subject to change without notice.

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