



- Durable scroll 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
- Available with louvered panel or wire guard coil protection option
- Easy access to electrical panels, pre-wired for easy hook-up
- Hinged control panel allows simple access to internal components
- 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, ETL C approved and ARI listed
- Charged for 15 feet of interconnecting tubing
- Warranties: 10 year compressor; 5 year parts; (see warranty certificate for details)

W2H4

14 SEER

Heat Pump

Condenser



10 Year Compressor Warranty

5 Year Parts Warranty

Extended Warranty Available



Model Number Guide

	W	2	H	4	36	A	-	1	A	
Whirlpool	R 22		HP Condenser		14 SEER		Voltage A - 208-230v/60hz Single Phase		Minor Revision Code Major Revision Code	
							Nominal Capacity 36 - 36,000 Btuh			

Voltage / Amps / Hz

Model	Voltage/ Hz/Phase	Voltage Range	Compressor		Fan Motor			Min. Circuit Ampacity	Maximum Over- Current Device	Refrig.* Charge (oz.)
			Rated Load (Amps)	Locked Rotor (Amps)	Condenser Fan HP	Rated Load (Amps)	Nom. RPM			
W2H418A	208-230/1/60	197 - 253	8.3	41	1/10	0.7	1075	11.1	20	139
W2H424A	208-230/1/60	197 - 253	10.3	56	1/10	0.7	1075	14.6	25	131
W2H430A	208-230/1/60	197 - 253	12.2	61	1/5	0.8	1075	16.0	25	160
W2H436A	208-230/1/60	197 - 253	13.5	73	1/5	0.8	1075	18.4	30	177
W2H442A	208-230/1/60	197 - 253	16.5	95	1/4	1.4	1075	22.2	35	188
W2H448A	208-230/1/60	197 - 253	18.0	104	1/4	1.4	1075	23.7	40	273
W2H460A	208-230/1/60	197 - 253	19.2	137	1/3	2.0	1075	26.0	40	252

Sound Ratings / Wt.

Model	Sound Rating (dBA)	Weight
W2H418A	78	162
W2H424A	79	175
W2H430A	79	187
W2H436A	79	195
W2H442A	78	222
W2H448A	78	224
W2H460A	80	275

Cooling and Heating Performance

Outdoor Model	Indoor Model	Cooling				Heating		CFM	Required Indoor Expansion Device
		BTUH	SEER	EER	S/T	BTUH	HSPF		
W2H418A	WAHMS18A	19,000	14.00	12.5	0.71	17,000	7.70	650	H2TXV03
	WAHMV24A	19,000	15.00	14.0	0.71	17,000	8.10	650	H2TXV03
W2H424A	WAHMS24A	25,000	14.00	12.0	0.68	21,800	8.20	850	H2TXV03
	WAHMV24A	25,000	15.00	13.0	0.68	21,600	8.30	850	H2TXV03
W2H430A	WAHMS30A	28,400	14.00	12.0	0.72	26,000	8.20	1050	H2TXV03
	WAHMV36A	28,600	15.00	13.0	0.72	56,000	8.30	1050	H2TXV03
	WEC1P36	28,400	13.50	12.0	0.72	26,000	7.70	1050	H2TXV03
	WEC1P43	29,000	13.50	12.0	0.72	26,000	7.70	1050	H2TXV03
W2H436A	WAHMS36A	35,000	14.00	12.0	0.73	33,000	8.20	1250	H2TXV03
	WAHMV36A	35,600	15.00	12.9	0.73	32,800	8.50	1250	H2TXV03
W2H442A	WAHMS42A	41,500	14.00	12.45	0.71	38,500	8.20	1450	H2TXV05
	WAHMV42A	42,000	14.75	12.8	0.71	38,500	8.50	1450	H2TXV05
W2H448A	WAHMS60A	47,000	14.00	12.2	0.77	45,500	8.20	1650	H2TXV05
	WAHMV60A	47,500	14.75	12.5	0.77	45,000	8.20	1650	H2TXV05
W2H460A	WAHMV60A	53,000	14.00	12.0	0.76	52,000	7.70	1950	H2TXV05
	WEC1P62D	53,000	13.00	11.5	0.76	53,000	7.70	1950	H2TXV05

Expanded Cooling Performance

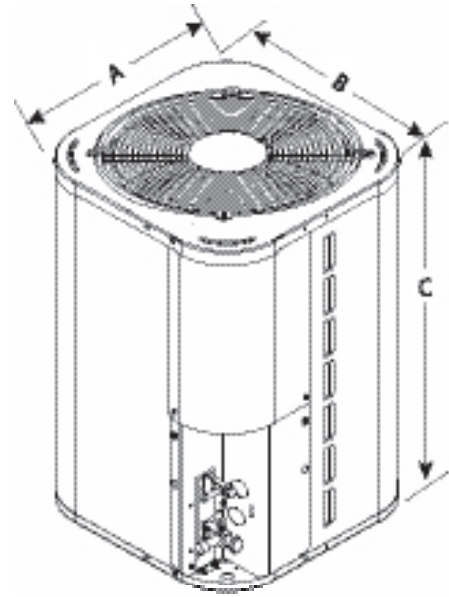
Outdoor Model	Indoor Model	Indoor Temp (DB/WB° F)	65° F Outdoor			85° F Outdoor			95° F Outdoor			105° F Outdoor			115° F Outdoor		
			Btuh	S/T Ratio	kW	Btuh	S/T Ratio	kW	Btuh	S/T Ratio	kW	Btuh	S/T Ratio	kW	Btuh	S/T Ratio	kW
W2H418A	WAHMS18	80/67	20,700	0.64	1320	19,800	0.68	1410	19,300	0.70	1520	18,300	0.73	1570	17,000	0.73	1620
W2H424A	WAHMS24	80/67	28,600	0.61	1790	27,300	0.65	2050	26,600	0.67	2150	25,300	0.70	2240	23,400	0.70	2310
W2H430A	WAHMS30	80/67	31,300	0.66	2000	29,800	0.70	2200	29,100	0.72	2310	27,600	0.75	2400	25,600	0.75	2480
W2H436A	WAHMS36	80/67	37,800	0.66	2490	36,100	0.70	2750	35,200	0.72	2880	33,400	0.75	3000	31,000	0.75	3100
W2H442A	WAHMS42	80/67	44,700	0.66	2880	42,600	0.70	3260	41,600	0.72	3420	39,500	0.75	3550	36,600	0.75	3780
W2H448A	WAHMS48	80/67	51,100	0.66	3270	48,800	0.70	3700	47,600	0.72	3890	45,200	0.75	4040	41,900	0.75	4170
W2H460A	WAHMV60	80/67	57,000	0.69	3660	54,300	0.74	4180	53,000	0.76	4400	50,400	0.79	4580	46,600	0.80	4740

Expanded Heating Performance

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
W2H418A	WAHMS18	70	9,500	1.96	1420	14,500	3.00	1410	17,500	3.46	1480	20,800	3.92	1550
W2H424A	WAHMS24	70	14,200	2.18	1900	19,000	2.90	1910	22,900	3.33	2010	27,200	3.76	2120
W2H430A	WAHMS30	70	15,700	2.2	2090	22,000	2.59	2150	26,500	3.43	2260	31,500	3.88	2380
W2H436A	WAHMS36	70	20,500	2.35	2560	27,600	2.97	2720	33,200	3.4	2860	39,500	3.85	3010
W2H442A	WAHMS42	70	23,900	2.31	3030	32,100	2.94	3200	38,700	3.38	3360	46,100	3.82	3530
W2H448A	WAHMS60	70	26,700	2.41	3220	35,300	3.11	3330	43,700	3.49	3490	50,600	4.04	3660
W2H460A	WAHMV60	70	27,600	2.31	3500	35,000	2.40	3920	52,000	3.71	4100	54,400	3.84	4150

Unit Dimensions

Model	A - Width (Inches)	B - Depth (Inches)	C - Height (Inches)
W2H418A	30	30	25.50
W2H424A	30	30	25.50
W2H430A	30	30	29.50
W2H436A	30	30	29.50
W2H442A	30	30	41.50
W2H448A	30	30	41.50
W2H460A	30	30	41.50



Accessories

Description	Kit Number	Catalog No.	Where Used						
			18	24	30	36	42	48	60
Hard Start Kit	20442715	12W59	x	x	x	x	x	x	x
High Pressure Kit	20442506	14W09	x	x	x	x	x	x	x
Low Pressure Kit			Standard Factory Installed on all models						
Short Cycle Protection			Standard Factory Installed on all models						
Crankcase Heater	20442805	14W05	x	x	x	x	x	x	x
Sound Blanket	20442908	14W02	x	x	x				
	20442906	14W00				x	x	x	x
Outdoor Thermostat	20444702		x	x	x	x	x	x	x
Fossil Fuel Kit	20444602		x	x	x	x	x	x	x
TXV	20444903	1.851356	x	x	x	x			
	20444904	1.851357					x	x	x
Cold Weather Kit (CWK-1)	48666-001	1.921145	x	x	x	x	x	x	x

Notes



All Specifications subject to change without notice

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