



Gold W4GH3 Split System Heat Pump R-410A

COMPRESSOR

- High efficiency Copeland® scroll compressor
- R410A refrigerant
- Grommet mounted compressor for quiet operation
- Internally protected against high temperature motor overload conditions
- Heavy duty compressor sound blanket for quiet operation

CABINET

- Full metal louvered jacket coil guard protection
- Controls located in corner electrical panel for easy installation and service
- Rounded corners for safety and attractive, clean appearance
- Baked polyester paint finish over galvanized steel for maximum durability
- PVC coated wire fan discharge grille
- External gauge ports for easy service
- Raised base pan with drain ports allows for excellent water and debris drainage

COIL

- Enhanced aluminum fins and copper tubing for high efficiency and capacity
- Raised coil prevents debris from collecting in bottom of coil and causing loss of airflow

COMPONENTS

- Full metal jacket panels remove with just two screws per panel for easy coil cleaning and service
- Bi-directional filter drier for long-lasting durability and system protection
- Discharge muffler for quiet operation
- High pressure switch
- Reliable, solid-state, time-initiated, temperature terminated defrost system
- Defrost control is Quiet Shift™ capable
- Service valves positioned for quick installation and easy service
- Low pressure switch for loss of charge system protection
- Trade available components
- Defrost control features built in diagnostics for easier service
- Defrost control has short cycle protection to protect the compressor
- Defrost cycle is field selectable 30/60/90 minutes

DESIGN

- Designed for ambients up to 125°F

ACCESSORIES

- Fossil fuel kit
- Low ambient kit
- Crank Case Heater



**10 year limited warranty
on compressor**

**5 year limited warranty
on all parts**

Extended warranty available



ARI Standard
210/240 UHP



Model Number Guide

W	4	G	H	3	24	A	1	A
WHIRLPOOL								Minor Revision Code
R 410A								Major Revision Code
Gold Series								Voltage 208-230V/60Hz/1Ph
HEAT PUMP								Nominal Capacity 24 - 24,000 Btuh
13 SEER								

Physical and Electrical Data

Model	Voltage/ Hz/Phase	Voltage Range	Min. Circuit Ampacity	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.)		
W4GH318A	208-230/60/1	197-253	11.9	20	9.0	48	1.1	1/5	1075	3/8	3/4	143	185
W4GH324A	208-230/60/1	197-253	17.5	30	13.5	58.3	1.1	1/5	1075	3/8	3/4	119	186
W4GH330A	208-230/60/1	197-253	18.7	30	14.1	73	1.1	1/5	1075	3/8	3/4	122	187
W4GH336A	208-230/60/1	197-253	21.9	35	16.7	79	1.1	1/5	1075	3/8	7/8	162	202
W4GH342A	208-230/60/1	197-253	23.2	40	17.0	107	1.7	1/3	825	3/8	7/8	186	254
W4GH348A	208-230/60/1	197-253	28.9	50	21.8	117	1.7	1/4	825	3/8	7/8	186	260
W4GH360A	208-230/60/1	197-253	34.6	60	26.3	134	1.7	1/4	825	3/8	1-1/8	240	299

Sound Ratings

Model	Sound Rating (dBA)
W4GH318	74
W4GH324	74
W4GH330	76
W4GH336	76
W4GH342	76
W4GH348	76
W4GH360	76

Performance

Outdoor Model	Indoor Model	Cooling				Heating				CFM	Required Indoor TXV Kit ²	
		Btuh	SEER ¹	EER	S/T	HSPF	47°		17°			
							Btuh	COP	Btuh			COP
W4GH318	WAHMS18A-1P	18,900	14.00	12.00	.75	7.70	17,900	3.6	10,600	2.3	600	H4TXV01
	WEFV08/WME36	18,900	14.00	12.00	.75	7.70	17,900	3.6	10,600	2.3	600	H4TXV01
W4GH324	WAHMS24A-1P	22,800	14.00	12.00	.75	7.70	21,800	3.7	12,100	2.2	800	H4TXV01
	WAHMS24-1P	22,800	14.00	12.00	.75	7.70	21,800	3.7	12,100	2.2	800	.059
	WMB24CB WE(U,C,H,M)1P36B	22,800	14.00	12.00	.75	7.70	21,800	3.7	12,100	2.2	800	.059
	WMB36VB WE(U,C,H,M)1P36B	23,000	15.00	12.50	.75	7.70	21,400	3.7	11,900	2.2	800	H4TXV01
	WGFE*040B12/WE*1P36B	23,000	15.00	12.50	.75	7.70	21,400	3.7	11,900	2.2	800	H4TXV01
	WGFE*060B14/WE*1P36B	23,000	15.00	12.50	.75	7.70	21,400	3.7	11,900	2.2	800	H4TXV01
	WGFB*050B12/WE*1P36B	23,000	15.00	12.50	.75	7.70	21,400	3.7	11,900	2.2	800	H4TXV01
	WGFB*050B14/WE*1P36B	23,000	15.00	12.50	.75	7.70	21,400	3.7	11,900	2.2	800	H4TXV01
	WEFV08/WME36	22,800	14.00	12.00	.75	7.70	21,800	3.7	12,100	2.2	800	H4TXV01
W4GH330	WAHMS30A-1P	28,800	13.00	11.00	.76	7.70	27,400	3.6	16,100	2.3	1000	H4TXV01
	WAHMS30A-1P	28,800	13.00	11.00	.76	7.70	27,400	3.6	16,100	2.3	1000	.065
	WMB36CB WE(U,C,H,M)1P36B	28,800	13.00	11.00	.76	7.70	27,400	3.6	16,100	2.3	1000	.065
	WMB36VB WE(U,C,H,M)1P36B	30,000	14.00	12.00	.76	7.70	27,200	3.6	16,000	2.3	1000	H4TXV01
	WGFE*040B12/WE*1P36B	30,000	14.00	12.00	.76	7.70	27,200	3.6	16,000	2.3	1000	H4TXV01
	WGFE*075B14/WE*1P36B	30,000	14.00	12.00	.76	7.70	27,200	3.6	16,000	2.3	1000	H4TXV01
	WGFE*080C16/WE*1P36C	30,000	14.00	12.00	.76	7.70	27,200	3.6	16,000	2.3	1000	H4TXV01
	WGFB*050B12/WE*1P36B	30,000	14.00	12.00	.76	7.70	27,200	3.6	16,000	2.3	1000	H4TXV01
	WGFB*060B14/WE*1P36B	30,000	14.00	12.00	.76	7.70	27,200	3.6	16,000	2.3	1000	H4TXV01
WEFV12/WME48N	30,000	14.00	12.00	.76	7.70	27,200	3.6	16,000	2.3	1000	H4TXV01	
W4GH336	WAHMS36A-1P	34,200	13.00	11.00	.74	7.70	35,600	3.7	21,400	2.5	1200	H4TXV02
	WAHMS36A-1P	34,200	13.00	11.00	.74	7.70	35,600	3.7	21,400	2.5	1200	.067
	WMB36CB WE(U,C,H,M)1P36B	34,200	13.00	11.00	.74	7.70	35,600	3.7	21,400	2.5	1200	.067
	WMB36VB WE(U,C,H,M)1P36B	34,200	13.00	11.00	.74	7.70	35,600	3.7	21,400	2.5	1200	H4TXV02
	WGFE*040B12/WE*1P36B	34,200	13.00	11.00	.74	7.70	35,600	3.7	21,400	2.5	1200	H4TXV02
	WGFE*060B14/WE*1P36B	34,200	13.00	11.00	.74	7.70	35,600	3.7	21,400	2.5	1200	H4TXV02
	WGFE*080C16/WE*1P36C	34,200	13.00	11.00	.74	7.70	35,600	3.7	21,400	2.5	1200	H4TXV02
	WGFB*05012/WE*1P36B	34,200	13.00	11.00	.74	7.70	35,600	3.7	21,400	2.5	1200	H4TXV02
	WGFB*B075B14/WE*1P36B	34,200	13.00	11.00	.74	7.70	35,600	3.7	21,400	2.5	1200	H4TXV02
WEFV12/WME48N	34,200	13.00	11.00	.74	7.70	35,600	3.7	21,400	2.5	1200	H4TXV02	

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

²Required to achieve ARI rating.

Performance

Outdoor Model	Indoor Model	Cooling				Heating				CFM	Required Indoor TXV Kit ²	
		Btuh	SEER ¹	EER	S/T	HSP-F	47°		17°			
							Btuh	COP	Btuh			COP
W4GH342	WAHMS42A-4X	40,500	13.50	11.00	.75	7.70	42,000	3.6	25,800	2.5	1400	H4TXV02
	WAHMS42A-1P	40,500	13.50	11.00	.75	7.70	42,000	3.6	25,800	2.5	1400	.074
	WE(U,C,M,H)1P43B,C	42,000	13.00	11.00	.75	7.70	40,000	3.4	25,000	2.3	1400	H4TXV02
	WMB48CC WE(U,C,H,M)1P43C	40,500	13.50	11.00	.75	7.70	42,000	3.6	25,800	2.5	1400	.074
	WMB48VC WE(U,C,H,M)1P49C	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02
	WE(U,C)1P60D	42,000	13.00	11.00	.75	7.70	40,000	3.4	25,000	2.3	1400	H4TXV02
	WGFE*060B14/WE(U,C,M,H)1P43B	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02
	WGFE*080C16/WE(U,C,M,H)1P43C	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02
	WGFE*080C16/WE(U,C,H)1P49C	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02
	WGFE*080C16/WE(U,C,M)1P50C	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02
	WGFE*080/100C20/WE(U,C,M,H)1P43C	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02
	WGFE*080/100/125C20/WE(U,C,H)1P49C	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02
	WGFE*080/100/125C20/WE(U,C,M)1P50C	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02
	WGFB*075B14/WE(U,C,M,H)1P43B	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02
	WGFB*100/125C20/WE(U,C,M,H)1P43C	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02
WGFB*100/125C20/WE(U,C,H)1P49C	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02	
WGFB*100/25C20/WE(U,C,M)1P50C	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02	
WEFV14/WME60N	42,000	14.00	12.00	.75	7.70	39,000	3.4	24,400	2.3	1400	H4TXV02	
W4GH348	WAHMS48A-1P	48,000	13.50	11.00	.75	7.70	44,500	3.6	27,600	2.4	1600	H4TXV03
	WGFE*150D20D/WE(U,C)1P60D	47,500	13.50	11.00	.75	7.70	44,500	3.6	27,600	2.4	1600	H4TXV03
	WMB60CD WE(U,C,H)1P60D	47,500	13.50	11.00	.75	7.70	44,500	3.6	27,600	2.4	1600	H4TXV03
	WMB60VD WE(U,C,H,M)1P60D	47,500	13.50	11.00	.75	7.70	44,500	3.6	27,600	2.4	1600	H4TXV03
	WGFB*150D20/WE(U,C)1P60D	47,500	13.50	11.00	.75	7.70	44,500	3.6	27,600	2.4	1600	H4TXV03
	WEFV20/WME60	47,500	13.50	11.00	.75	7.70	44,500	3.6	27,600	2.4	1600	H4TXV03
W4GH360	WAHMS60A-1P	57,000	13.00	10.75	.76	7.70	56,000	3.4	36,000	2.5	1800	H4TXV03
	WAHMS60A-1P	57,000	13.00	10.75	.76	7.70	56,000	3.4	36,000	2.5	1800	.090
	WE(U,C)1P60D	57,000	13.00	10.80	.76	7.70	55,500	3.3	36,000	2.4	1800	H4TXV03
	WMB60CD WE(U,C,H,M)1P62D	57,000	13.00	10.80	.76	7.70	55,500	3.3	36,000	2.4	1800	H4TXV03
	WMB60VD WE(U,C,H)1P62D	57,000	13.00	10.80	.76	7.70	55,500	3.3	36,000	2.4	1800	H4TXV03
	WE(U,C,H)1P62C,D	57,000	13.00	10.80	.76	7.70	55,500	3.3	36,000	2.4	1800	H4TXV03
	WGFB*100/125C20/WE(U,C,H)1P62C	57,000	13.00	10.80	.76	7.70	55,500	3.3	36,000	2.4	1800	H4TXV03
	WGFB*150D20/WE(U,C)1P60D	57,000	13.00	10.80	.76	7.70	55,500	3.3	36,000	2.4	1800	H4TXV03
	WGFB*150D20/WE(U,C,H)1P62D	57,000	13.00	10.80	.76	7.70	55,500	3.3	36,000	2.4	1800	H4TXV03
WEFV20/WME61	57,000	13.00	10.80	.76	7.70	55,500	3.3	36,000	2.4	1800	H4TXV03	

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

²Required to achieve ARI rating.

Cooling Performance Extended Ratings

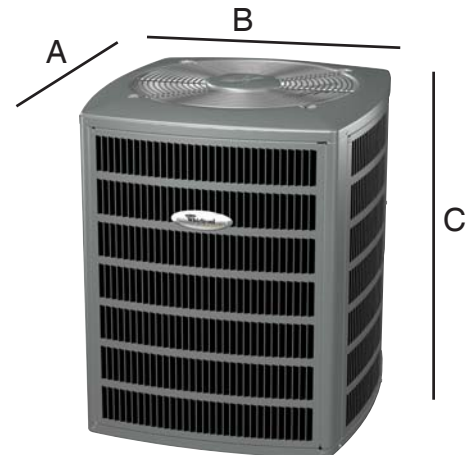
Outdoor Model	Indoor Model	Indoor Temp DB/W-B °F	Outdoor Temp - DB°F														
			65			82			95			105			115		
			Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW
W4GH318	WAHMS18A-1P	85/72	24,000	.65	1.43	20,900	.69	1.53	19,900	.72	1.73	18,900	.74	1.93	17,800	.77	2.18
	WAHMS18A-4X	80/67	23,000	.68	1.40	19,900	.72	1.50	18,900	.75	1.70	17,900	.77	1.90	16,800	.80	2.15
	WEFV12S/WME24C WEFV08/WME36	75/63	22,000	.71	1.37	18,900	.75	1.47	17,900	.78	1.67	16,900	.80	1.87	15,800	.83	2.12
W4GH324	WAHMS24A-1P	85/72	26,000	.67	1.60	25,200	.68	1.83	24,000	.72	2.08	22,000	.73	2.30	20,800	.76	2.53
	WAHMS24A-4X	80/67	25,000	.70	1.57	24,200	.71	1.80	23,000	.75	2.05	21,000	.76	2.27	19,800	.79	2.50
	WMB24CB/WE*1P36B WMB36VB/WE*1P36B WEFV12S/WME24 WEFV08/WME36	75/63	24,000	.73	1.54	23,200	.74	1.77	22,000	.78	2.02	20,000	.79	2.24	18,800	.82	2.47
W4GH330	WAHMS30A-1P	85/72	33,000	.68	1.85	32,200	.71	2.19	31,000	.72	2.48	30,000	.74	2.74	27,000	.85	2.97
	WAHMS30A-4X	80/67	32,000	.71	1.82	31,200	.74	2.16	30,000	.75	2.45	29,000	.77	2.71	26,000	.82	3.00
	WMB36CB/WE*1P36B WMB36VB/WE*1P36B WEFV16M/WME36 WEFV12/WME48N	75/63	31,000	.74	1.79	30,200	.77	2.13	29,000	.78	2.42	28,000	.80	2.68	25,000	.79	3.03
W4GH336	WAHMS36A-1P	85/72	40,200	.66	2.36	38,000	.68	2.76	36,200	.69	3.16	35,000	.71	3.51	33,000	.74	3.99
	WAHMS36A-4X	80/67	39,200	.69	2.33	37,000	.71	2.73	35,200	.72	3.13	34,000	.74	3.48	32,000	.77	3.96
	WMB36CB/WE*1P36B WMB36VB/WE*1P36B WEFV16M/WME36 WEFV12/WME48N	75/63	38,200	.72	2.30	36,000	.74	2.70	34,200	.75	3.10	33,000	.77	3.45	31,000	.80	3.93
W4GH342	WAHMS42A-4X	85/72	47,000	.68	2.94	45,000	.69	3.30	42,500	.70	3.69	39,700	.72	4.03	38,600	.73	4.45
	WEFV20L/WME42	80/67	46,000	.71	2.91	44,000	.72	3.27	41,500	.73	3.66	38,700	.75	4.00	37,600	.76	4.42
	WMB48CC/WE*1P43C WMB48VC/WE*1P49C WEFV14/WME60N	75/63	45,000	.74	2.88	43,000	.75	3.24	40,500	.76	3.63	37,700	.78	3.97	36,600	.79	4.39
W4GH348	WAHMS48A-1P	85/72	55,400	.68	3.05	52,000	.71	3.54	50,000	.72	3.99	48,000	.73	4.36	45,800	.75	4.85
	WAHMS48A-4X	80/67	53,400	.71	3.02	50,000	.74	3.51	48,000	.75	3.96	46,000	.76	4.33	43,800	.78	4.82
	WMB60CD/WE*1P60D WMB60VD/WE*1P60D WEFV20L/WME48 WEFV14/WME60N	75/63	51,400	.74	2.99	48,000	.77	3.48	46,000	.78	3.93	44,000	.79	4.30	41,800	.81	4.79
W4GH360	WAHMS60A-1P	85/72	59,000	.64	3.82	58,000	.65	4.49	57,000	.68	5.11	55,000	.69	5.66	53,000	.72	6.30
	WAHMS60A-4X	80/67	57,000	.67	3.79	56,000	.68	4.46	55,000	.71	5.08	53,000	.72	5.63	51,000	.75	6.27
	WMB60CD/WE*1P62D WMB60VD/WE*1P62D WEFV20/WME61	75/63	55,000	.70	3.76	54,000	.71	4.43	53,000	.74	5.05	51,000	.75	5.60	49,000	.78	6.24

Heating Performance Extended Ratings

Outdoor Model	Indoor Model	Outdoor Temp. DB/WB°F														
		0/0			17/15			35/33			47/43			62/56		
		Btuh	COP	kW	Btuh	COP	kW	Btuh	COP	kW	Btuh	COP	kW	Btuh	COP	kW
W4GH318A-1A	WAHMS18A-1P	6,500	1.60	1.29	10,600	2.30	1.35	15,000	3.10	1.42	17,900	3.60	1.46	21,600	4.30	1.47
	WAHMS18A-4X															
	WEFV12S/WME24C															
	WEFV08/WME36															
W4GH324A-1A	WAHMS24A-1P	6,600	1.40	1.55	12,100	2.20	1.61	17,900	3.10	1.69	21,800	3.70	1.73	26,700	4.50	1.74
	WAHMS24A-4X															
	WMB24CB/WE*1P36B															
	WMB36VB/WE*1P36B															
	WEFV12SC/WME24C															
W4GH330A-1A	WAHMS30A-1P	9,700	1.60	1.95	16,100	2.30	2.05	22,900	3.10	2.16	27,400	3.60	2.23	33,100	4.30	2.26
	WAHMS30A-4X															
	WMB36CB/WE*1P36B															
	WMB36VB/WE*1P36B															
	WEFV16MC/WME36C															
	WEFV12/WME48N															
W4GH336A-1A	WAHMS36A-1P	13,400	1.80	2.33	21,400	2.50	2.51	29,900	3.20	2.74	35,600	3.70	2.82	42,700	4.30	2.91
	WAHMS36A-4X															
	WMB36CB/WE*1P36B															
	WMB36VB/WE*1P36B															
	WEFV16MC/WME36C															
	WEFV12/WME48N															
W4GH342A-1A	WAHMS42A-4X	16,600	1.90	2.80	25,800	2.50	3.02	35,500	3.20	3.25	42,000	3.60	3.42	50,100	4.20	3.50
	WMB48CC/WE*1P43C															
	WMB48VC/WE*1P49C															
	WEFV20LC/WME42C															
	WEFV14/WME60N															
W4GH348A-1A	WAHMS48A-1P	18,000	1.70	3.23	27,600	2.40	3.37	37,700	3.10	3.56	44,500	3.60	3.62	53,000	4.20	3.70
	WAHMS48A-4X															
	WMB60CD/WE*1P60D															
	WMB60VD/WE*1P60D															
	WEFV20LC/WME48C															
	WEFV14/WME60N															
W4GH360A-1A	WAHMS60A-1P	24,700	2.00	3.88	36,000	2.50	4.22	48,000	3.00	4.69	56,000	3.40	4.83	66,000	3.90	4.96
	WAHMS60A-4X															
	WMB60CD/WE*1P62D															
	WMB60VD/WE*1P62D															
	WEFV20/WME61															

Dimensions

Model No.	A	B	C
W4GH318A-1A	24 3/4	26 3/4	29 3/4
W4GH324A-1A	24 3/4	26 3/4	29 3/4
W4GH330A-1A	24 3/4	26 3/4	29 3/4
W4GH336A-1A	24 3/4	26 3/4	33 3/4
W4GH342A-1A	29 3/8	31 1/4	33 3/4
W4GH348A-1A	29 3/8	31 1/4	33 3/4
W4GH360A-1A	29 3/8	31 1/4	43 3/4



Accessories

Kit Number	Description	Used with
40K58	Blower Off Delay Kit	All W4GH's
69J03	Compressor Sound covers	All W4GH's
45F08	Compressor Low ambient Cut -off	All W4GH's
93G35	Freezestats - 3/8"	All W4GH's
39H29	Freezestats - 1/2"	All W4GH's
50A93	Freezestats - 5/8"	All W4GH's
93M04	Crank Case Heater	All W4GH's
10J42	Hard Start Kit 1.5 – 3.5 ton	W4GH's 18-36
88M91	Hard Start Kit 4 – 5 ton	W4GH's 42 - 60
34M72	Low Ambient Kit	All W4GH's
33M07	Mild Ambient Kit	All W4GH's



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