

PERFORMANCE™ SERIES
40MAHB HIGH WALL



Performance™ High Wall Indoor Unit

FEATURES

- Available in 208/230V (6-36K) or 115V (12K)
- Modes: Cool, Heat, Dry, Fan, Auto
- Turbo Mode
- Fully Modulating fan speeds
- Sleep Mode
- Up-Down / Left-Right Louver control (fixed or swing)
- Relative Humidity Sensor with percentage and temperature control
- Intelligent Eye (Occupancy Sensor)
- ECO Mode
- Heating Setback (46° F Heating Mode)
- Anti-corrosive fin coating

COMPATIBLE WITH:

- 38MARB Outdoor Unit
Single Zone
- 38MGR Outdoor Unit
Multi-zone

Performance
SERIES



Sizes: 06 / 09 / 12 / 18 / 24 / 30 / 36
(208-230V); Size 12 (115V)

Up to 28.1 SEER

Up to 13.0 HSPF

KEY FEATURES

Time-saving Design

The unit disassembles quickly with a removable filter on top for simplified maintenance. The motor and blower can be serviced without removing the cabinet.

Improved Efficiency & Performance

ECO mode with intelligent eight-hour night cycle program saves up to 60% of energy for improved overnight comfort, efficiency and performance.

Customizable Comfort

Compatible with both single and multi-zone outdoor units for maximum flexibility.

CONTROLS

Wireless Remote Controller included with indoor unit

Optional Wired Remote Controller KSACN0801AAA
(7-Day Programmable)



**Wireless
Remote Controller**



**Wired Controller
(7-Day Program-
mable)
KSACN0801AAA**

ACCESSORIES

Wi-Fi® Kit KSAIF0601AAA

24V Interface for third-party thermostat compatibility KSAIC0301230

SPECIFICATIONS:

40MAHB High Wall									
Heat Pump									
System									
Size		12	6	9	12	18	24	30	36
Indoor Model		40MAHBQ12XA1	40MAHBQ06XA3	40MAHBQ09XA3	40MAHBQ12XA3	40MAHBQ18XA3	40MAHBQ24XA3	40MAHBQ30XA3	40MAHBQ36XA3
Electrical									
Voltage-Phase-Cycle	V-Ph-Hz	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Power Supply		Indoor unit powered from outdoor unit							
MCA	A.	0.2500	0.3125	0.3125	0.3125	0.1625	0.6250	0.6250	0.6250
Controls									
Wireless Remote Controller (° F/° C Convertible)		Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Wired Remote Controller (° F/° C Convertible)		Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
24V Interface for 3rd Party Thermostat Control		Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Wi-Fi® Control for Phone App Control		Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Operating Range									
Cooling Outdoor DB Min - Max	° F (° C)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)
Heating Outdoor DB Min - Max	° F (° C)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)
Piping									
Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
Pipe Connection Size - Suction	in (mm)	1/2 (12.7)	3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	5/8 (16)	5/8 (16)	5/8 (16)
Indoor Coil									
Face Area	Sq. Ft.	2.15	2.15	2.15	2.15	2.75	3.60	3.60	3.60
No. Rows		2	2	2	2	2	3	3	3
Fins per inch		20	20	20	20	20	20	20	20
Circuits		3	3	3	3	4	7	7	7
Indoor									
Unit Width	in (mm)	31.3 (795)	31.3 (795)	31.3 (795)	31.3 (795)	37.99 (965)	44.88 (1140)	44.88 (1140)	44.88 (1140)
Unit Height	in (mm)	11.61 (295)	11.61 (295)	11.61 (295)	11.61 (295)	12.56 (319)	14.57 (370)	14.57 (370)	14.57 (370)
Unit Depth	in (mm)	8.86 (225)	8.86 (225)	8.86 (225)	8.86 (225)	9.41 (239)	10.83 (275)	10.83 (275)	10.83 (275)
Net Weight	lbs (kg)	22.93 (10.4)	22.71 (10.3)	22.71 (10.3)	22.93 (10.4)	27.12 (12.3)	43.65 (19.8)	43.65 (19.8)	43.65 (19.8)
Number of Fan Speeds		4	4	4	4	4	4	4	4
Airflow (lowest to highest)	CFM	235/294/353/412	176/229/335/382	176/229/335/382	176/229/335/382	306/376/524/635	319/414/611/719	382/505/646/843	382/506/639/843
Sound Pressure (lowest to highest)	dB(A)	24/30/41/47	32/34/38/47	32/34/38/47	30/32/37/47	37/40/46/48	37/39/44/52	38/41/46/52	39/41/46/52
Air Throw Data	ft (m)	27.9 (8.5)		24.9 (7.6)	26.2 (8.0)	27.9 (8.5)	31.5 (9.6)	33.8 (10.3)	33.8 (10.3)
Moisture Removal	Pint/h (L/h)	0.048 (0.023)		0.015 (0.007)	0.046 (0.022)	0.091 (0.044)	0.108 (0.052)	0.154 (0.074)	0.240 (0.115)
Field Drain Pipe Size O.D.	in (mm)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)

COMPATIBILITY:

Indoor Unit	40MAHBQ12XA1	40MAHBQ06XA3	40MAHBQ09XA3	40MAHBQ12XA3	40MAHBQ18XA3	40MAHBQ24XA3	40MAHBQ30XA3	40MAHBQ36XA3
Outdoor Unit Single Zone*	38MARBQ12AA1		38MARBQ09AA3	38MARBQ12AA3	38MARBQ18AA3	38MARBQ24AA3	38MARBQ30AA3	38MARBQ36AA3
Outdoor Unit Multi-Zone*			38MGRQ18B--3					
			38MGRQ24C--3					
			38MGRQ30D--3					
			38MGRQ36D--3					
			38MGRQ48E--3					

*Performance may vary based on the compatible outdoor units. See respective pages for performance data.

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