

COMFORT™ SERIES

40MHHAC & 40MHHAQ HIGH WALL



Comfort™ High Wall

FEATURES

- Available in 115V and 208/230V
- Modes: Cool, Heat, Dry, Fan, Auto
- Turbo Mode
- Up-down right-left louver control (fixed or swing)
- Four fan speeds
- ECO Mode
- Anti-corrosive fin coating

COMPATIBLE WITH:

- 38MHRDC & 38MHRCQ Outdoor Unit Single Zone (p 44)
- 38MGRB & 38MGHB Outdoor Unit Multi-Zone (p 54)

Comfort™
SERIES

Cooling Only - 40MHHAC

Sizes: 09 / 12 / 18 / 24

Heat Pump - 40MHHAQ

Sizes: 09 / 12 / 18 / 24 / 30 / 36

KEY FEATURES**Improved Serviceability**

Full access to the terminal connections and fan after lifting the front cover of the high wall for easy installation and service.

Eco Mode

An intelligent eight-hour night cycle program provides huge energy savings—up to 60%—while maintaining a comfortable sleeping environment.

CONTROLS

Wireless Remote Controller included with indoor unit

Optional Wired Remote Controller (7-Day Programmable)

Optional Wired Remote Controller with Timer Function



**Optional
Wired Controller
(7-Day Programmable)
KSACN0901AAA**



**Wireless
Remote
Controller**



**Optional Wired
Remote Controller
with Timer Function
KSACN0101AAA**

ACCESSORIES

Wi-Fi® kit KSAIF0601AAA

24V Interface for compatibility with conventional thermostat KSAIC0301230

COMFORT™ SERIES

40MHHAC & 40MHHAQ HIGH WALL

SPECIFICATIONS:

40MHHAC High Wall						
Cooling Only						
System						
Size		09	12	12	18	24
Indoor Model		40MHHAC09XA3	40MHHAC12XA1	40MHHAC12XA3	40MHHAC18XA3	40MHHAC24XA3
Electrical						
Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Power Supply		Indoor Unit Powered From Outdoor Unit				
Controls						
Wireless Remote Controller (° F / ° C Convertible)		Standard	Standard	Standard	Standard	Standard
Wired Remote Controller (° F / ° C Convertible)		Optional	Optional	Optional	Optional	Optional
24V Interface for 3rd Party T-stat		Optional	N/A	Optional	Optional	Optional
Wi-Fi® Control for Phone App Control		Optional	Optional	Optional	Optional	Optional
Operating Range						
Cooling Indoor 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)
Piping						
Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)
Pipe Connection Size - Suction	in (mm)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)
Indoor Coil						
Face Area	Sq. Ft.	1.66	2.05	2.05	2.71	2.67
No. Rows		2	2	2	2	2
Fins per inch		20	20	20	20	20
Circuits		2	2	2	4	4
Indoor						
Unit Width	in (mm)	28.7 (729)	31.57 (802)	31.57 (802)	38.23 (971)	42.60 (1082)
Unit Height	in (mm)	11.5 (292)	11.61 (295)	11.61 (295)	12.64 (321)	13.27 (337)
Unit Depth	in (mm)	7.87 (200)	7.87 (200)	7.87 (200)	8.98 (228)	9.21 (234)
Net Weight	lbs (kg)	17.37 (7.88)	19.18 (8.7)	18.96 (8.6)	24.69 (11.2)	29.98 (13.6)
Number of Fan Speeds		4	4	4	4	4
Airflow (lowest to highest)	CFM	147/206/246/312	212/253/333/347	194/232/324/347	306/353/471/500	400/471/588/706
Sound Pressure (lowest to highest)	dB(A)	31/32/36	32/36/41	31/36/41	31/38/44	33/41/48
Air Throw Data	ft (m)	22.6 (6.9)	24.3 (7.4)	24.3 (7.4)	26.2 (8)	27.2 (8.3)
Moisture Removal	Pint/h (L/h)	2.0 (0.97)	2.58 (1.22)	2.6 (1.23)	4.5 (2.14)	4.9 (2.34)
Field Drain Pipe Size O.D.	in (mm)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)

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

COMFORT™ SERIES

40MHHA HIGH WALL

SPECIFICATIONS:

40MHHAQ High Wall									
Heat Pump									
System									
Size		09	12	09	12	18	24	30	36
Indoor Model		40MHHAQ09XA1	40MHHAQ12XA1	40MHHAQ09XA3	40MHHAQ12XA3	40MHHAQ18XA3	40MHHAQ24XA3	40MHHAQ30XA3	40MHHAQ36XA3
Electrical									
Voltage, Phase, Cycle	V/Ph/Hz	115-1-60	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
Power Supply		Indoor Unit Powered From Outdoor Unit							
MCA	A	0.31	0.31	0.19	0.19	0.50	0.63	0.63	0.63
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
Operating Range									
Cooling Indoor 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 Indoor 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)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
Pipe Connection Size - Suction	in (mm)	3/8 (9.52)	1/2 (12.7)	3/8 (9.52)	1/2 (12.7)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)
Indoor									
Unit Width	in (mm)	28.7 (729)	31.57 (802)	28.7 (729)	31.57 (802)	38.23 (971)	42.60 (1082)	49.57 (1259)	49.57 (1259)
Unit Height	in (mm)	11.5 (292)	11.61 (295)	11.5 (292)	11.61 (295)	12.64 (321)	13.27 (337)	14.25 (362)	14.25 (362)
Unit Depth	in (mm)	7.87 (200)	7.87 (200)	7.87 (200)	7.87 (200)	8.98 (228)	9.21 (234)	11.14 (283)	11.14 (283)
Net Weight	lbs (kg)	17.64 (8.0)	18.52 (8.4)	17.64 (8.0)	18.74 (8.5)	24.47 (11.1)	29.98 (13.6)	42.99 (19.5)	42.77 (19.4)
Number of Fan Speeds		4	4	4	4	4	4	4	4
Airflow (lowest to highest)	cfm	137/170/239/312	176/241/300/341	141/176/246/312	156/197/291/347	271/329/459/550	330/402/546/728	380/536/702/741	330/447/753/795
Sound Pressure (lowest to highest)	dB(A)	28/32/36/43	30/36/40/44	27/31/36/43	30/35/40/45	31/38/44/49	32/38/44/51	34/40/44/50	36/38/43/51
Air Throw Data	ft (m)	22.6 (6.9)	24.3 (7.4)	22.6 (6.9)	24.3 (7.4)	26.2 (8.0)	27.2 (8.3)	29.8 (9.1)	31.2 (9.5)
Moisture Removal	Pint/h (L/h)	1.5 (0.69)	2.9 (1.39)	1.5 (0.69)	3.0 (1.47)	3.6 (1.72)	5.3 (2.54)	7.9 (3.73)	10.6 (5.03)
Field Drain Pipe Size O.D.	in (mm)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)

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