

DHMAHB HIGH WALL

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

Up to 28.1 SEER

Up to 13.0 HSPF

ENERGY STAR® qualified based on outdoor unit pairing

Indoor 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

Accessories

Wi-Fi® Kit KSAIF0601AAA

24V Interface for third-party thermostat compatibility
KSAIC0301230



Payne's High Wall unit is the ultimate solution for reliability, accessibility and efficiency. Customize your comfort in 5% increments (from 35%-85%) with the Relative Humidity Sensor. And experience remote temperature control with built-in Wi-Fi® connectivity. The unit even has an Occupancy Sensor that detects activity in the room and adjusts horizontal airflow to blow either away from or toward people. When you need a quality performing, flexible, quiet indoor HVAC solution, turn to the Payne DHMPHA High Wall unit.

Controls

- Wireless Remote Controller included with indoor unit
- Optional Wired Remote Controller KSACN0801AAA (7-Day Programmable)



Wireless
Remote Control



Wired Controller
(7-Day Programmable)
KSACN0801AAA

DHMAHB HIGH WALL

Specifications									
Heat Pump									
System									
Size		12	6	9	12	18	24	30	36
Indoor Model		DHMAHBQ12XA1	DHMAHBQ06XA3	DHMAHBQ09XA3	DHMAHBQ12XA3	DHMAHBQ18XA3	DHMAHBQ24XA3	DHMAHBQ30XA3	DHMAHBQ36XA3
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)

Specifications								
Indoor Unit	DHMAHBQ12XA1	DHMAHBQ06XA3	DHMAHBQ09XA3	DHMAHBQ12XA3	DHMAHBQ18XA3	DHMAHBQ24XA3	DHMAHBQ30XA3	DHMAHBQ36XA3
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.



Manufacturer reserves the right to discontinue, or change at any time, specification or designs without notice or without incurring obligations.

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