

PERFORMANCE™ SERIES

40MBDQ DUCTED



Performance™ Ducted

FEATURES

- Modes: Cool, Heat, Dry, Fan, Auto
- Vertical or horizontal installation
- Up to 0.64 in W.C.
- Rear or bottom return
- Outside air intake
- *Follow Me* (senses temperature at handheld remote)
- Heating setback (46°F Heating Mode)
- Quiet indoor operation, as low as 30 dB(A)
- Anti-corrosive fin coating
- External condensate lift pump shipped with the unit (sizes 09-18)
- Built-in condensate lift pump (size 24)

COMPATIBLE WITH:

- 38MARB Outdoor Unit Single Zone (p 24)
- 38MGRB & 38MGHB Outdoor Unit Multi-Zone (p 54)

Performance
SERIES

Sizes: 09 / 12 / 18 / 24

KEY FEATURES

Vertical or Horizontal Installation

Designed for maximum installation flexibility. The secondary drain built-in allows the unit to be mounted vertically allowing either a floor or ceiling-concealed installation depending on existing conditions.

Flexible Air Intake

Air inlet can be installed either at the back or the bottom of the unit due to the small plate size on the flange, allowing for flexible installation to meet the needs of each job.

CONTROLS

Wireless Remote Controller included with indoor unit

Wired Remote Controller KSACN0701AAA included with indoor unit (7-Day Programmable)



**Wired Controller
(7-Day Programmable)
KSACN0701AAA**



**Wireless
Remote
Controller**

ACCESSORIES

Wi-Fi® kit KSAIF0401AAA

24V Interface for compatibility with conventional thermostat KSAIC0301230

PERFORMANCE™ SERIES **40MBDQ DUCTED**

SPECIFICATIONS:

40MBDQ Ducted					
Heat Pump					
System					
Size		9	12	18	24
Indoor Model		40MBDQ09---3	40MBDQ12---3	40MBDQ18---3	40MBDQ24---3
Electrical					
Voltage, Phase, Cycle	V/Ph/Hz	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	1.11	1.11	1.2	1.2
Controls					
Wireless Remote Controller (° F / ° C Convertible)		Standard	Standard	Standard	Standard
Wired Remote Controller (° F / ° C Convertible)		Standard	Standard	Standard	Standard
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)
Heating Indoor DB Min - Max	° F (° C)	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)	3/8 (9.52)
Pipe Connection Size - Suction	in (mm)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	5/8 (16)
Indoor					
Unit Width	in (mm)	27.56 (700)	27.56 (700)	34.65 (880)	43.31 (1100)
Unit Height	in (mm)	7.87 (200)	7.87 (200)	8.27 (210)	9.8 (249)
Unit Depth	in (mm)	19.92 (506)	19.92 (506)	26.54 (674)	30.47 (774)
Net Weight	lbs (kg)	43.56 (19.8)	43.56 (19.8)	54 (24.5)	86.86 (39.4)
Number of Fan Speeds		3	3	3	3
Airflow (lowest to highest)	cfm	147/211/264	176/282/353	300/400/480	440/700/780
Sound Pressure (lowest to highest)	dB(A)	30/34/38	35/37/39	35/37/39	35.5/40/44
Max Static Pressure	in W.C.	0.20	0.20	0.40	0.64
Field Drain Pipe Size O.D.	in (mm)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)

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

COMPATIBILITY:

Indoor Unit	40MBDQ09---3	40MBDQ12---3	40MBDQ18---3	40MBDQ24---3
Outdoor Unit Single Zone	38MARBQ09AA3	38MARBQ12AA3	38MARBQ18AA3	38MARBQ24AA3
Outdoor Unit Multi-Zone	38MGRQ18B--3			
	38MGRQ24C--3			
	38MGRQ30D--3			
	38MGRQ36D--3			
	38MGRQ48E--3			

For Sizes 36 and 48, refer to the Light Commercial Section
 Backward compatible with 38MAQ Single Zone and 38MGQ Multi-Zone Systems