

CARRIER Performance

Singlezone Non-ducted, Ceiling Placement

AHRI Cert #: **200059151**

Outdoor Unit #: **38MAQB09R--3**

Indoor Unit #: **40MBCQ09---3**

🔥 Maximum Heating Capacity (Btu/hr) @5°F: **11,010**

🔥 Rated Heating Capacity (Btu/hr) @47°F: **10,000**

❄️ Rated Cooling Capacity (Btu/hr) @95°F: **9,000**

Information Tables

Brand	CARRIER
Series	Performance
Ducting Configuration	Singlezone Non-ducted, Ceiling Placement
AHRI Certificate No.	200059151
Outdoor Unit #	38MAQB09R--3
Indoor Unit Type	Mini-Splits
Indoor Unit #	40MBCQ09---3
Furnace Unit #	
SEER	20
EER	13
HSPF Region IV	10.8
Energy Star	✓
Variable Capacity	✓
Turndown Ratio (Max 5°F/Min 47°F)	3.59
Capacity Maintenance (Max 5°F/Max 47°F)	75%
Capacity Maintenance (Rated 17°F/Rated 47°F)	67%
Capacity Maintenance (Max 5°F/Rated 47°F)	110%
Integration	Works with 24V interface and third party thermostat
Connectivity	Wifi capable
Operational Diagnostics	
Refrigerant(s)	R410A

Pan Heater

Type	Integrated
Input Power	150.0
Model #	

Operation 1.When the unit power on and changed in heating mode,and if the outdoor temperature continue lower than 3C for 30 seconds,after running for 25mins, the base pan heater will be activated for 5 minutes. 2.If be on the defrost mode and the outdoor temperature lower 1C for 10 seconds the base pan heater will be activated and will be 5 mins delay inactive after defrost.

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated	Max
Heating	5°F	70°F	Btu/h	2,312	-	11,010
			kW	0.37	-	1.76
			COP	1.83	-	1.83
Heating	17°F	70°F	Btu/h	2,617	6,700	12,460
			kW	0.41	0.83	1.97
			COP	1.87	2.37	1.85
Heating	47°F	70°F	Btu/h	3,070	10,000	14,620
			kW	0.32	0.89	1.5
			COP	2.81	3.29	2.86
Cooling	82°F	80°F	Btu/h	2,644	-	12,590
			kW	0.2	-	0.96
			COP	3.87	-	3.84
Cooling	95°F	80°F	Btu/h	2,489	9,000	11,850
			kW	0.26	0.62	1.25
			COP	2.81	4.25	2.78