



ROOFTOP PACKAGE AIR CONDITIONERS
R410A 60HZ 220V 3-PHASE COOLING ONLY
YMMRZC(090-150)BAAKB-X

ROOFTOP PACKAGE AIR CONDITIONERS R410A 220V 3-PHASE COOLING ONLY

Air Conditioning Unit

- High efficiency compressor
- Modern design
- Exclusive coil design
- Lower installation cost
- Easy Maintenance
- Flexible multi-position installation
- Convertible airflow design
- Washable Filter (optional)



The YORK® line of Rooftop Package Air Conditioners includes a wide range of sizes to meet most any customer's needs. Each model is designed to provide comfort and efficiency in an easy to operate unit. And its flexible installation makes them an easy fit for a variety of applications. Models meet the highest energy efficiency ratings, so less energy is consumed without sacrificing comfort and performance. units are engineered for quiet operation.

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Features and benefits



R410-A

Environment-friendly refrigerant cools and heats more efficiently without destroying the ozone layer.



3 Minutes Protection

A 3-minute delay before the compressor will restart helps avoid compressor damage and extend compressor life.



Self Diagnosis

Clearly displayed failure codes allow for quicker troubleshooting and easier maintenance.



Inner Groove Copper Tube

Inner groove copper tubing allows more refrigerant to pass through, improving heat exchange by 30 to 50% when compared to traditional copper tubing, and lowering power consumption while keeping output capacity at the same level.

Specification

York Model			YMMRZC090BAAKB-X	YMMRZC120BAAKB-X	YMMRZC150BAAKB-X
Power Supply		\	220V, 3Ph~, 60Hz	220V, 3Ph~, 60Hz	220V, 3Ph~, 60Hz
Cooling 1	Cooling Capacity	KBtu/h	86	114	140
	Cooling Capacity	KW	25.2	33.4	41.0
	Cooling Capacity	Ton	7.2	9.5	11.7
	Power Input	kW	7.68	10.18	12.73
	IEER	Btu/h/W	14.80	14.80	14.20
	EER	Btu/h/W	11.6	11.2	11.0
Max. input consumption		W	9300	14500	17400
Max. current		A	36	54	66
Performance	Indoor fan air flow	CFM	3200	3700	4,600
	ESP	Pa	250	250	250
Indoor fan	Type	\	Centrifugal	Centrifugal	Centrifugal
	Diameter	mm	381	381	381
	Height	mm	381	381	381
	Drive type	\	Belt	Belt	Belt
	Motor quantity	\	1	1	1
	Motor model	\	2HP	3HP	3HP
	Motor speed	RPM	1725	1,725	1,725
Compressor	Type	\	Scroll	Scroll	Scroll
	Quantity	\	2	2	2
	Model	\	42+31	51+51	72+51
	Brand	\	LG+Copeland	LG+Copeland	Copeland+LG
	Capacity	W	21,313	30334	36,047
		Btu/h	72,720	103,500	122,993
	Input	W	7,012	9,522	11,734
	RLA (Rated Load Amps.)	A	11.6/10.4	15.6/18.6	25.9/15.6
	LRA (Locked Rotor Amps.)	A	123/73	93/137	164/93
	Refrigerant oil charge	ml	1280/740	1280/1242	1774/1280
Outdoor Fan	Type	\	Propeller	Propeller	Propeller
	Quantity	\	2	2	2
	Drive type	\	Direct	Direct	Direct
	Motor model	\	1/3HP ECM	1/3HP ECM	1/3HP ECM
	Motor speed	RPM	960	960	1,070
Refrigerant	Type	\	R410A	R410A	R410A
	Refrigerant volume	kg	1.8/1.6	2.4/2.3	3.4/2.6
	Refrigerant Control	\	EEV	EEV	EEV
Wired controller		\	24V	24V	24V
Centralized controller (Optional)		\	/	/	/
Operation temperature		°C	-18 - 52	-18 - 52	-18 - 52
Ambient temperature	Cooling	°C	-18 - 52	-18 - 52	-18 - 52
	Heating	°C	/	/	/
Dimensions	Net (W×H×D)	mm	1496*1242*2246	1496*1242*2246	1496*1242*2246
	Packing (W×H×D)	mm	1519*1283*2269	1519*1283*2269	1519*1283*2269
Weight	Net weight	kg	410	430	476
	Gross weight	kg	444	464	510
Loading Quantity per 20GP/40GP/40HC		Units	3/7/14	3/7/14	3/7/14

Nominal testing conditions:

Cooling - Indoor 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) & Outdoor 95°F DB / 75.2°F WB (35°C DB / 24°C WB)

Heating - Indoor 68°F DB / 59°F WB (20°C DB / 15°C WB) & Outdoor 44.6°F DB / 42.8°F WB (7°C DB / 6°C WB)

High ambient cooling test conditions: Cooling - Indoor 84.2°F DB / 66.2°F WB (29°C DB / 19°C WB) & Outdoor 114.8°F DB / 75.2°F WB (46°C DB / 24°C WB)



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