



ROOFTOP PACKAGE AIR CONDITONER 60HZ R410A
19 SEER INVERTER
YMKE36/60 BNJMFMO-X

ROOFTOP PACKAGE AIR CONDITIONER 60HZ R410A 19 SEER INVERTER

Features

- Energy ratings as high as 19 SEER
- DC inverter technology, by conventional thermostats
- ECM outdoor&blower motors, High efficiency and more quiet.
- Horizontal or downflow application.
- Rotatable design for control board assembly, slide out design for blower motor (Easy for service).
- Universal curb, convenient installation and replacement.
- Convenient access panels, Single side service.
- Low sound levels.
- Check button in the PCB, easy to find the error code.
- AHRI certified.



The YORK® line of Rooftop Package Air Conditioners includes a wide range of sizes to give you more flexibility in your product offering. Each model is designed to provide comfort and efficiency, in an easy-to-operate unit and the sleek design fits a variety of spaces, whether it's in a home or office. Models meet the highest energy efficiency ratings, so less energy is consumed without sacrificing comfort and performance. Both the condensing and indoor units are engineered for quiet operation. And comfort control settings are easily changed with the touch of a button on the remote control.

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Features and benefits



3-Minute Protection

A 3-minute delay before the compressor will restart helps avoid compressor damage and work time.



R-410A

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



Compact Design

Smaller dimensions for easy installation, transportation, and reduced cost.



DC Inverter Compressor

DC inverter compressor provides more comfortable indoor environment, higher performance in partial load and better heating performance in low ambient temperature than fixed compressor.



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 Number			YMKE36BNJMFMO-X	YMKE60BNJMFMO-X
Power Supply		\	208-230V, 1Ph~, 60Hz	208-230V, 1Ph~, 60Hz
ARI Cooling 1	Cooling Capacity	Btu/h	34,800	57,000
	Power Input	kW	2.9	4.5
	EER	Btu/h.W	12	12.5
	SEER		18.5	19
ARI Heating 1	47°F Heating Capacity	Btu/h	36000	57000
	Power Input	kW	2.88	4.4
	17°F Heating Capacity	Btu/h	23000	44000
	Power Input	kW	3	6
	HSPF		9	10
Minimum Circuit Ampacity 2		A	28.7	41.9
Max. overcurrent protection 2		A	45	60
Performance	Indoor fan air flow	CFM	1,250	1,800
		l/s	590	850
	Outdoor fan air flow	CFM	3032	4100
		l/s	1,432	1,935
	ESP (Standard)	\	58Pa (0Pa - 200Pa)	70Pa (0Pa - 200Pa)
		\	0.23 in.wg. (0 in.wg. - 0.8 in.wg.)	0.28 in.wg. (0 in.wg. - 0.8 in.wg.)
Evaporator	Number of rows	\	4	4
	Fin type	\	Hydrophilic aluminum fin	Hydrophilic aluminum fin
	Tube type	\	Inner grooved copper pipe	Inner grooved copper pipe
	Coil size (W×H)	mm	584*630	905*630
Evaporator fan	Type	\	CENTRIFUGAL	CENTRIFUGAL
	Material	\	Metal	Metal
	Quantity	\	1	1
	Drive type	\	Direct	Direct
	Motor quantity	\	1	1
	Motor input	W	294	470
	Motor speed	RPM	1,050	1,050
	Compressor	Type	\	Inverter Rotary
Quantity		\	1	1
Refrigerant oil charge		\	ESTER OIL VG74 (670ml)	ESTER OIL VG74 (1200ml)
Condenser	Number of rows	\	3+2	3+3
	Fin type	\	Hydrophilic aluminum fin	Hydrophilic aluminum fin
	Tube type	\	Inner grooved copper pipe	Inner grooved copper pipe
	Coil size (W×H)	mm	1560*420	1882*504
		inch	61-7/16 × 16-9/16	74-1/16 × 19-7/8
Condenser Fan	Type	\	Axial	Axial
	Material	\	Metal	Metal
	Quantity	\	1	1
	Drive type	\	Direct	Direct
	Motor quantity	\	1	1
	Motor input	W	190	220
	Motor speed	RPM	950	880
Refrigerant	Type	\	R410A	R410A
	Refrigerant volume	kg	3400	5700
		lbs	7.5	12.57
Refrigerant control		\	Electronic expansion valve	Electronic expansion valve
Power wires (Unit) (Standard)		\	3*5.3(10AWG)	3*8.4(8AWG)
Operation temperature		\	17°C -30°C	17°C -30°C
Drainage pipe		\	62° F - 88° F	62° F - 88° F
Ambient temperature	Cooling	\	3/4" NPT	3/4" NPT
		\	-5°C - 52°C	-5°C - 52°C
Dimensions	Net (W×H×D)	mm	23° FF - 125° F	23° F - 125° F
	Packing (W×H×D)	mm	891x1190x1286	1140x1306x1310
Net / Gross weight		kg	187/196	255/271
Shipping Qty'Per 20GP/40GP/40'HO		\	10/21/42	8/18/34

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)



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