



ROOFTOP PACKAGE AIR CONDITONER 60HZ R410A 14 SEER
YMFE(24-60)BNJMCMO(S)-X

ROOFTOP PACKAGE AIR CONDITIONER 60HZ R410A 14 SEER

Features

- Architecturally compatible, anti-rust steel cabinets. 1,000-hour salt spray tested.
- High-efficiency compressors operate smoothly, quietly, consistently.
- Internal safeguards protect compressor against high pressure, low pressure, coil temperature and power surge.
- G90 galvanized heavy gauge plate conforms to ASTM A 653.
- All coils tested to 450 psig.
- 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.



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			YMFE24BNJCMO-X	YMFE36BNJCMO-X	YMFE48BNJCMS-X	YMFE60BNJCMS-X
Power supply	V-Ph-Hz		208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Cooling	Rated Capacity	Btu/h	22800	34200	46500	57000
	Rated EER	Btu/h.W	11	11	11.2	11.2
	SEER		14	14	14	14
Minimum Circuit Amperes		A	13.7	21.4	26.9	32.9
Maximum Over Protector		A	20	30	40	50
Compressor	Type		Rotary	Rotary	Scroll	Scroll
	Capacity	Btu/h	20131	30430	42000	51500
	Input	W	1955	8910	3962	4905
	Rated current(RLA)	A	8.55	13.7	17.3	21.5
	Locked rotor Amp(LRA)	A	34.8	72	108.0	125
	Thermal protector		internal	internal	internal	internal
	Capacitor	µF	50	60	70	75
	Refrigerant oil	/	750ml	560ml	1280±21cc	1300cc
Indoor fan motor	Type		AC	DC	AC	DC
	Insulation class		B	B	B	B
	Safe class		IP20	IP20	IP20	IP20
	Input/Output	W	438/150	233/375	760/400	690/560
	Rated current	A	1.95	2.6	3.6	6
	Capacitor	µF	10	/	20	/
	Speed(hi/mi/lo)	r/min	760/655/525	830/802/704	970/890/820	846/915/968
	Max.input	W/HP	1/4	1/2	3/4	3/4
Indoor fan	RPM	r/min	1075	1075	1075	1075
	Material		Metal	Metal	Metal	Metal
	Type		Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan
Diameter/Height		inch	10.28/9.21	10.28/9.21	10.98/10.67	10.98/10.67
Indoor limit value of static pressure and air flow		Pa/m ³ /h	45/1445	58/2074	70/2720	70/3400
Indoor sound level (sound pressure level)		dB(A)	58.3	60.9	63.8	64.9
Outdoor fan motor	Type		AC	AC	AC	AC
	Insulation class		B	B	B	B
	Safe class		IP20	IPX4	IP44	IP44
	Input/Output	W	150/85	192/110	360/230	360/230
	Rated current	A	0.68	0.85	1.62	1.62
	Capacitor	µF	6	6	15	15
	RPM	r/min	1075	825	1075	1075
Outdoor fan	Material		Metal	Metal	Metal	Metal
	Type		Axial fan	Axial fan	Axial fan	Axial fan
	Diameter	inch	22.05	22	23-5/8	23-5/8
	Height	inch	3.35	4.92	4.53	4.53
Outdoor air flow		CFM or m ³ /h	2565	2565	3960	3960
Outdoor sound level(sound pressure level)		dB(A)	58.3	60.9	63.8	64.9
Charged refrigerant type		g or kg	2296	2211	3090	3997
Throttle type			Orifice	Orifice	Orifice	Orifice
Throttle size			C060	C068	C084	C090
Design pressure		MPa	3.79/1.72	3.79/1.72	3.79/1.72	3.79/1.72
Connection wiring	Power wiring/Signal wiring	mm ²	3*2.1(14AWG)/5*0.8(18AWG)	3*3.3(12AWG)/5*0.8(18AWG)	3*5.3(10AWG)/5*0.8(18AWG)	3*8.4(8AWG)/5*0.8(18AWG)
Drainage pipe outside diameter		mm ²	RC3/4 "	RC3/4 "	RC3/4 "	RC3/4 "
Operation temp/Ambient temp		°C	17~30/10~48	17~30/10~48	17~30/10~48	17~30/10~48
Unit	Dimension (W*H*D)	mm	630*958*1307	630*958*1307	840*1068*1486	840*1068*1486
	Packing (W*H*D)	mm	657*980*1330	657*980*1330	865*1075*1505	865*1075*1505
	Gross weight/Net weight	Kg	151/148	162/159	214/210	221/217
Shipping Qty'Per 20GP/40GP/40'HQ			24/50/50	24/50/50	14/30/30	14/30/30

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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YMFE(24-60)BNJCMO(S)-X-X00520