



US TYPE DUCTED AIR CONDITIONER 60HZ R410-A 18SEER
INVERTER

YMSJZC(H)024/060BAAND-5

US TYPE DUCTED AIR CONDITIONER 60HZ R410-A 18SEER INVERTER

Air Conditioning Unit

- Low noise
- Multi-speed fan motor
- High EER
- Durable powder-coated galvanized iron sheet
- All-aluminum tubes & fins

Condensing Unit

- Compact design
- High efficiency inverter compressor
- High efficiency coil with internal grooved copper tube
- Durable powder-coated galvanized iron sheet
- AHRI Certified



The YORK® line of AHU Air Conditioning units 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. Both the condensing units 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.



Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



Compact Design

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



Inner Groove copper tube of ODU

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 Set Model			YMSJZC024BAAND-5	YMSJZC036BAAND-5	YMSJZC048BAAND-5
YORK Indoor Model			YMSJXC024BAAN--5	YMSJXC036BAAN--5	YMSJXC048BAAN--5
YORK Outdoor Model			YMSJYC024BAAND-X	YMSJYC036BAAND-X	YMSJYC048BAAND-X
Power supply		V/Ph/Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Cooling	Capacity	Btu/h	24000	33800	45000
	Rated current	A	18.1	18.1	26.7
	EER	Btu/h.W	11.7	10.2	11.7
	EER	W/W	3.43	2.99	3.43
	SEER		17.5	17.5	17.5
Heating	Capacity	Btu/h	/	/	/
	HSPF		/	/	/
MCA/MOP		A	24.8/40	24.8/40	38.8/60
Indoor fan motor	Type		ECM	ECM	ECM
	Input	W	63/77/97/136/255	68/97/167/213/309	159/223/270/372/446
	FLA	A	2.5	4.1	5.2
	Capacitor	µF	/	/	/
	Speed	rpm	1050	1050	1050
Indoor air flow		CFM	560/680/720/860/1070	650/820/1020/1150/1350	1150/1420/1530/1780/1890
Indoor noise level (Hi/Me/Lo)		dB(A)	53/47/44	54/49/46	55/52/49
Indoor dimension	Unit (WxHxD)	mm	500×1180×550	500×1180×550	560×1385×610
	Packing (WxHxD)	mm	567×1197×644	567×1197×644	627×1402×704
Indoor weight	Net/Gross	kg	54/61	56/63	70/78
Compressor	Type		DC inverter Rotary	DC inverter Rotary	DC inverter Rotary
	Capacity	W	7130	7130	13780
	Input	W	2200	2200	4040
	Rated current(RLA)	A	/	/	/
	Locked rotor Amp(LRA)	A	/	/	/
	Thermal protector		No	No	No
Outdoor fan motor	Refrigerant oil	ml	870	870	1400
	Type		PSC	PSC	ECM
	Input	W	200	200	250
	Output	W	110	110	200
	FLA	A	0.88	0.88	0.52
	Capacitor	µF	6	6	/
Outdoor air flow	Speed	rpm	825	825	1050
		CFM	3100	3100	4100
Outdoor noise level		dB(A)	64	64	67
Outdoor dimension	Unit (WxHxD)	mm	740×633×740	740×633×740	740×843×740
	Packing (WxHxD)	mm	768×667×768	768×667×768	768×877×768
Outdoor weight	Net/Gross	kg	69/73	69/73	86/91
Refrigerant	Type		R410A	R410A	R410A
	Charge	g	3220	3220	4620
Refrigerant pipe	Liquid side	inch	0.375	0.375	0.375
	Gas side	inch	0.75	0.75	0.875
	Max. refrigerant pipe length	ft	100	100	100
	Max. difference in level	ft	50	50	50
Throttle Type			indoor TXV/outdoor EEV	indoor TXV/outdoor EEV	indoor TXV/outdoor EEV
Operation temperature range		°C	17~30	17~30	17~30
Ambient temperature range (cooling/heating)		°C	4.4~48.8//	4.4~48.8//	4.4~48.8//
Qty'per 20'& 40'&40HQ	Indoor		51/111/152	51/111/152	36/78/80
	Outdoor		63/132/135	63/132/135	54/117/117

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Specification

YORK Set Model			YMSJZC060BAAND-5	YMSJZH024BAAND-5	YMSJZH036BAAND-5
YORK Indoor Model			YMSJXC060BAAN--5	YMSJXH024BAAN--5	YMSJXH036BAAN--5
YORK Outdoor Model			YMSJYC060BAAND-X	YMSJYH024BAAND-X	YMSJYH036BAAND-X
Power supply		V/Ph/Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Cooling	Capacity	Btu/h	55000	24000	33800
	Rated current	A	26.7	18.1	18.1
	EER	Btu/h.W	10.2	11.7	10.2
	EER	W/W	2.99	3.43	2.99
	SEER		17.0	17.5	17.5
Heating	Capacity	Btu/h	/	24000	35000
	HSPF		/	8.2	8.5
MCA/MOP		A	38.8/60	24.8/40	24.8/40
Indoor fan motor	Type		ECM	ECM	ECM
	Input	W	159/223/270/372/446	63/77/97/136/255	68/97/167/213/309
	FLA	A	5.2	2.5	4.1
	Capacitor	μF	/	/	/
	Speed	rpm	1050	1050	1050
Indoor air flow		CFM	1160/1350/1500/1750/1880	560/680/720/860/1070	650/820/1020/1150/1350
Indoor noise level (Hi/Me/Lo)		dB(A)	56/54/51	53/47/44	54/49/46
Indoor dimension	Unit (WxHxD)	mm	560×1385×610	500×1180×550	500×1180×550
	Packing (WxHxD)	mm	627×1402×704	567×1197×644	567×1197×644
Indoor weight	Net/Gross	kg	73/81	54/61	56/63
Compressor	Type		DC inverter Rotary	DC inverter Rotary	DC inverter Rotary
	Capacity	W	13780	7130	7130
	Input	W	4040	2200	2200
	Rated current(RLA)	A	/	/	/
	Locked rotor Amp(LRA)	A	/	/	/
	Thermal protector		No	No	No
	Refrigerant oil	ml	1400	870	870
Outdoor fan motor	Type		ECM	PSC	PSC
	Input	W	250	200	200
	Output	W	200	110	110
	FLA	A	0.52	0.88	0.88
	Capacitor	μF	/	6	6
	Speed	rpm	1050	825	825
Outdoor air flow		CFM	4100	3100	3100
Outdoor noise level		dB(A)	67	64	64
Outdoor dimension	Unit (WxHxD)	mm	740×843×740	740×633×740	740×633×740
	Packing (WxHxD)	mm	768×877×768	768×667×768	768×667×768
Outdoor weight	Net/Gross	kg	86/91	72/76	72/76
Refrigerant	Type		R410A	R410A	R410A
	Charge	g	4620	3420	3420
Refrigerant pipe	Liquid side	inch	0.375	0.375	0.375
	Gas side	inch	0.875	0.75	0.75
	Max. refrigerant pipe length	ft	100	100	100
	Max. difference in level	ft	50	50	50
Throttle Type			indoor TXV/outdoor EEV	indoor TXV/outdoor EEV	indoor TXV/outdoor EEV
Operation temperature range		°C	17~30	17~30	17~30
Ambient temperature range (cooling/heating)		°C	4.4~48.8//	4.4~48.8/-15~30	4.4~48.8/-15~30
Qty'per 20'& 40'&40HQ		Indoor	36/78/80	51/111/152	51/111/152
		Outdoor	54//117/117	63/132/135	63/132/135

Specification

YORK Set Model			YMSJZH048BAAND-5	YMSJZH060BAAND-5
YORK Indoor Model			YMSJXH048BAAN--5	YMSJXH060BAAN--5
YORK Outdoor Model			YMSJYH048BAAND-X	YMSJYH060BAAND-X
Power supply		V/Ph/Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Cooling	Capacity	Btu/h	45000	55000
	Rated current	A	26.7	26.7
	EER	Btu/h.W	11.7	10.2
	EER	W/W	3.43	2.99
	SEER		17.5	17.0
Heating	Capacity	Btu/h	47000	57000
	HSPF		9.0	9.0
MCA/MOP		A	38.8/60	38.8/60
Indoor fan motor	Type		ECM	ECM
	Input	W	159/223/270/372/446	159/223/270/372/446
	FLA	A	5.2	5.2
	Capacitor	µF	/	/
	Speed	rpm	1050	1050
Indoor air flow		CFM	1150/1420/1530/1780/1890	1160/1350/1500/1750/1880
Indoor noise level (Hi/Me/Lo)		dB(A)	55/52/49	56/54/51
Indoor dimension	Unit (WxHxD)	mm	560×1385×610	560×1385×610
	Packing (WxHxD)	mm	627×1402×704	627×1402×704
Indoor weight	Net/Gross	kg	70/78	73/81
Compressor	Type		DC inverter Rotary	DC inverter Rotary
	Capacity	W	13780	13780
	Input	W	4040	4040
	Rated current(RLA)	A	/	/
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		No	No
	Refrigerant oil	ml	1400	1400
Outdoor fan motor	Type		ECM	ECM
	Input	W	250	250
	Output	W	200	200
	FLA	A	0.52	0.52
	Capacitor	µF	/	/
	Speed	rpm	1050	1050
Outdoor air flow		CFM	4100	4100
Outdoor noise level		dB(A)	67	67
Outdoor dimension	Unit (WxHxD)	mm	740×843×740	740×843×740
	Packing (WxHxD)	mm	768×877×768	768×877×768
Outdoor weight	Net/Gross	kg	89/94	89/94
Refrigerant	Type		R410A	R410A
	Charge	g	4820	4820
Refrigerant pipe	Liquid side	inch	0.375	0.375
	Gas side	inch	0.875	0.875
	Max. refrigerant pipe length	ft	100	100
	Max. difference in level	ft	50	50
Throttle Type			indoor TXV/outdoor EEV	indoor TXV/outdoor EEV
Operation temperature range		°C	17~30	17~30
Ambient temperature range (cooling/heating)		°C	4.4~48.8/-15~30	4.4~48.8/-15~30
Qty'per 20' & 40' & 40HQ	Indoor		36/78/80	36/78/80
	Outdoor		54//117/117	54//117/117

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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