



INSTALL CONFIDENCE



HIGH WALL INVERTER R-410A 60HZ HEAT PUMP

YHKE 12 to 24 ZJMGXBORX

A complete range from 3.5kW to 6.7kW

HIGH WALL INVERTER R-410A 60HZ HEAT PUMP

Indoor Unit

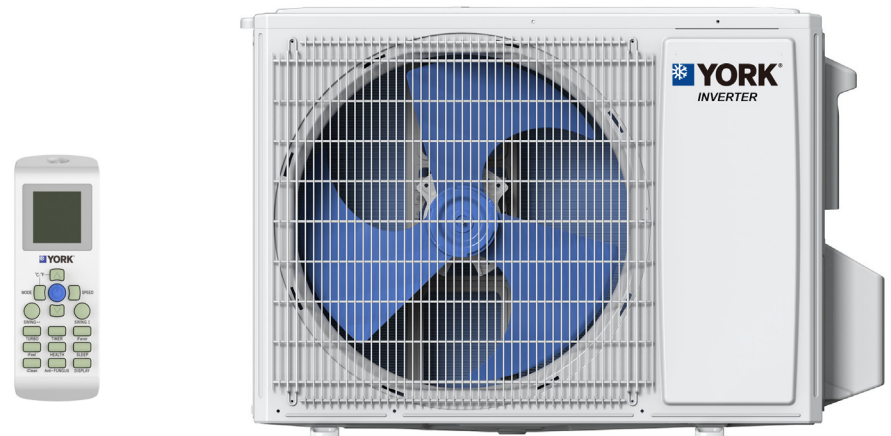
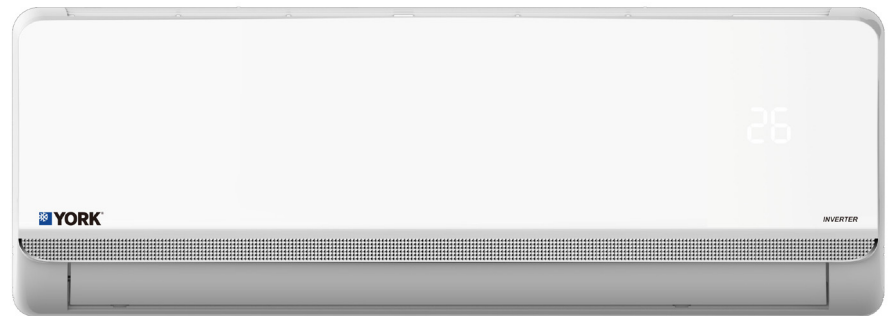
- Modern, compact design
- Efficient cooling/heating
- Hidden display
- 3D Air Flow
- Golden Fin
- WIFI (Option)

Remote Control

- 5 operation modes
- Sleep mode and on/off timers
- Turbo cool/heat settings

Condensing Unit

- Fashion appearance
- Convenient installation
- Easy maintenance
- Golden Fin



The YORK® line of High Wall 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



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.



R-410A

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



Turbo Mode

Provides quicker cooling/heating with one press of the remote button.



24-Hour Timer

Allows programmed start times up to 24 hours in advance for flexible and more convenient operation.



Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



Self Diagnosis

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



3-Minute Protection

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



WIFI Control (Option)

Controls air conditioner with Smart phone or tablet through Internet.

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 Set Model			YHKE12ZJMGXBORX	YHKE18ZJMGXBORX	YHKE24ZJMGXBORX
YORK Outdoor Model			YHKE12YJMGXBO-X	YHKE18YJMGXBO-X	YHKE24YJMGXBO-X
YORK Indoor Model			YHKE12XJMGXB-RX	YHKE18XJMGXB-RX	YHKE24XJMGXB-RX
Power supply	V/Ph/Hz		208~230V/1Ph/60Hz	208~230V/1Ph/60Hz	208~230V/1Ph/60Hz
Power supply in			Outdoor	Outdoor	Outdoor
Cooling	Capacity(Min~Max)	Btu/h	11,942(2,730-13,989)	18,000(4,436-19,107)	23,000(6,142-23,884)
	Power Input(Min~Max)	W	1,250(100-1,550)	1,780(500-1,800)	2,280(230-2530)
	Current Rated(Min~Max)	A	5.6(0.7-8.5)	7.8(2.3-8.0)	10.1(2.0-12.0)
	SEER	Btu/h·W	17	17	18
Heating	Capacity(Min~Max)	W	3,500(1,000-4,100)	5,275(1,300-5,600)	7,050(1,800-7,600)
	Power Input(Min~Max)	W	1,050(300-1,550)	1,650(500-1,800)	2,090(230-2,530)
	Current Rated(Min~Max)	A	4.6(1.5-8.5)	7.2(2.3-8.0)	9.27(2.0-12.0)
	COP	Btu/h·W	9.00	8.50	8.50
Moisture Removal	l/h		1.0	1.6	2.5
Max. input consumption	W		1,550	2,400	2,800
Max. current	A		8.5	11.0	16.0
Indoor fan motor	Power Input	W	36.9	66.0	70.0
	Capacitor	µF	1.5	3	NA (DC Inverter)
	Cooling Speed (H/M/L)	rpm	1,280/1,130/850	1,230/1,080/850	1,330/1,180/900
	Heating Speed (H/M/L)	rpm	1,280/1,180/850	1,230/1,130/850	1,280/1,130/900
Indoor air flow (H/M/L)	m ³ /h		480/420/360	700/600/530	1,150/1,010/870
Indoor noise level (H/M/L)	dB(A)		40.9/37.2/32.6	41.1/38/34.2	45.7/40.8/37.6
Indoor dimension	Unit (WxHxD)	mm	750×200×285	900×225×310	1,082×233×330
	Packing (WxHxD)	mm	820×277×347	970×302×382	1,155×312×397
Indoor weight	Net/Gross	kg	8.5/10.0	12.0/13.5	13.0/15.5
Compressor	Type		Rotary	Rotary	Rotary
	Power Input	W	744	1,045	1,070
	Rated current(RLA)	A	5.28	6.55	3.63
	Refrigerant oil / charge	ml	ESTER OIL VG74 / 300	ESTER OIL VG74 / 420	FW550 / 350
Outdoor fan motor	Power Input	W	48	89	90
	Capacitor	µF	NA (DC Inverter)	NA (DC Inverter)	NA (DC Inverter)
	Cooling Speed (H/M/L)	rpm	920/700/540	850/700/500	860/700/500
	Heating Speed (H/M/L)	rpm	920/700/540	850/700/500	860/700/500
Outdoor air flow	m ³ /h		2,100/1,650/1,200	2,600/2,150/1,650	3,000/2,550/2,100
Outdoor noise level	dB(A)		49.6/49.5/49.2	53.7/54.4/52.9	57.5/57.3/57.0
Outdoor dimension	Unit (WxHxD)	mm	705×530×279	785×555×300	825×655×310
	Packing (WxHxD)	mm	825×595×345	888×590×367	945×725×435
Outdoor weight	Net/Gross	kg	23/26	28/31	40/43
Refrigerant	Type		R-410A	R-410A	R-410A
	Charge	g	670	1,100	1,400
Refrigerant pipe	Liquid side /Gas Side	∅ mm	6/9	6/12	6/15.88
	Max. refrigerant pipe length	m	15	15	15
	Max. difference in level	m	10	10	10
	Standard connection pipe length	m	5	5	5
	Add refrigerant quantity per meter	g	20x(Length-5)	30x(Length-5)	30x(Length-5)
Controller setting temperature range	°C		16-32	16-32	16-32
Ambient temperature range (cooling/heating)	°C		0-43/-7-24	0-43/-7-24	0-43/-7-24
Qty' per 20' & 40' & 40HQ	Set		119/246/282	90/186/211	65/138/156

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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