



INSTALL CONFIDENCE



ALTAIR HIGH WALL INVERTER R-410A 60HZ HEAT PUMP

YHKE 12 to 24 ZJ6AXBORX

A complete range from 3.5kW to 6.7kW

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Indoor Unit

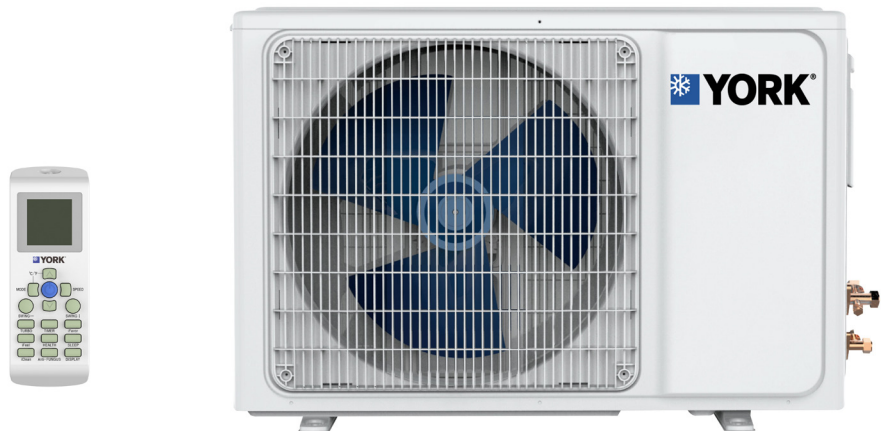
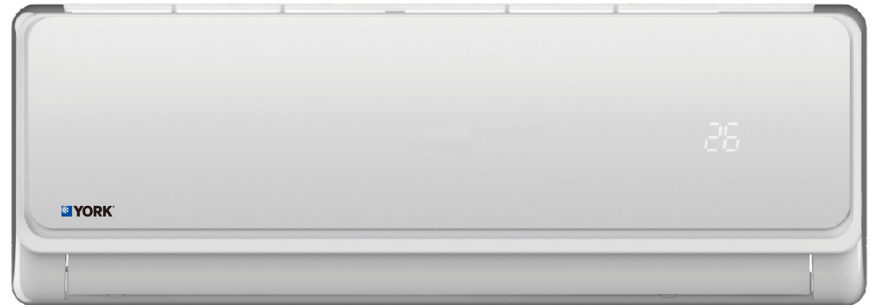
- Modern, compact design
- Efficient cooling/heating
- Hidden display
- 3D Air Flow (Option)
- WIFI (Option)

Remote Control

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

Condensing Unit

- Fashion appearance
- Convenient installation
- Easy maintenance



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			YHKE12ZJ6AXBORX	YHKE18ZJ6AXBORX	YHKE24ZJ6AXBORX
York Outdoor Model			YHKE12YJ6AXBO-X	YHKE18YJ6AXBO-X	YHKE24YJ6AXBO-X
York Indoor Model			YHKE12XJ6AXB-RX	YHKE18XJ6AXB-RX	YHKE24XJ6AXB-RX
Power supply		V/Ph/Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz
Power supply in			Outdoor unit	Outdoor unit	Outdoor unit
Cooling	Capacity(Min~Max)	Btu/h	12,000(2,729-12,966)	18,000(4,094-18,425)	23,000(4,776-24,567)
	Power Input(Min~Max)	W	1,250(150-1,500)	1,800(200-2,200)	2,360(200-2,650)
	Current Rated(Min~Max)	A	5.5(0.7-8.0)	8.9(1.0-10.6)	10.5(1.0-12.0)
	SEER	Btu/h-W	16.0	16.0	16.0
	EER	Btu/h-W	9.6	10.0	9.8
Heating	Capacity(Min~Max)	Btu/h	12,300(3,071-13,307)	19,000(4,436-19,790)	24,000(7,441-25,389)
	Power Input(Min~Max)	W	1,100(150-1,350)	1,700(200-2,000)	2,300(200-2,800)
	Current Rated(Min~Max)	A	5.4(0.7-7.5)	8.4(1.0-9.8)	10.2(1.0-13.0)
	COP	Btu/h-W	11.2	12.7	10.4
	HSPF	Btu/h-W	8.6	8.6	8.6
Moisture Removal		l/h	0.7	1.1	1.4
Max. input consumption		W	1,500	2,200	2,800
Max. current		A	8.0	10.6	13.0
Indoor fan motor	Power Output	W	18	30	50
	Capacitor	µF	1.5	3	3
	Speed (SH/H/M/L)	rpm	1,280/1,130/1,000/850	1,230/1,080/970/850	1,300/1,150/1,000/850
Indoor air flow (SH/H/M/L)		m ³ /h	600/470/400/350	850/720/650/550	1,250/1,100/950/750
Indoor noise level (SH/H/M/L)		dB(A)	42/37/32/28	46/41/38/34	51/46/42/37
Indoor dimension	Unit (WxHxD)	mm	750x285x200	900x310x225	1,082x330x233
	Packing (WxHxD)	mm	800x345x265	950x380x290	1,130x395x300
Indoor weight	Net	kg	8	12	14
	Gross	kg	10	14	17
Compressor	Type		Rotary	Rotary	Rotary
	Power Input	W	820	1,025	1,145
	Rated current(RLA)	A	2.60	7.25	7.95
	Refrigerant oil	ml	FV50BX 300	ESTER OIL VG74 450	ESTER OIL VG74 500
Outdoor fan motor	Power Output	W	24	40	65
	Capacitor	µF	NA (DC Inverter)	NA (DC Inverter)	NA (DC Inverter)
	Speed	rpm	870	900	870
Outdoor air flow		m ³ /h	1,860	2,100	2,800
Outdoor noise level		dB(A)	52	54	56
Outdoor dimension	Unit (WxHxD)	mm	730x545x285	802x535x298	825x655x310
	Packing (WxHxD)	mm	850x620x370	907x600x382	932x412x759
Outdoor weight	Net	kg	28	35	42.5
	Gross	kg	32	40	47
Refrigerant	Type		R-410A	R-410A	R-410A
	Charge	g	930	1,360	1,700
Refrigerant pipe	Liquid side	∅ mm	6.35	6.35	6.35
	Gas side	∅ mm	12.7	12.7	15.88
	Max. refrigerant pipe length	m	15	15	15
	Max. difference in level	m	10	10	10
	Add refrigerant quantity per meter	g	20x(Length-5)	30x(Length-5)	30x(Length-5)
Operation temperature range		°C	16-32	16-32	16-32
Ambient temperature range		°C	-5-43	-5-43	-5-43
Application area		m ²	12-20	17-34	23-47
Qty' per 20' & 40' & 40HQ		Set	101/219/250	79/174/201	59/130/144

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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