

 **YORK**[®]
INSTALL CONFIDENCE



HIGH WALL INVERTER R-410A 50HZ HEAT PUMP
YHKE 09 to 24 ZEFAXAORX
A complete range from 2.6kW to 6.7kW

HIGH WALL INVERTER R-410A 50HZ HEAT PUMP

Indoor Unit

- Modern, compact design
- Efficient cooling/heating
- Hidden display
- 3D Air Flow
- Hydraulic blue fin

Remote Control

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

Condensing Unit

- Fashion appearance
- Convenient installation
- Easy maintenance
- Hydraulic blue 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.

HIGH WALL INVERTER R-410A 50HZ HEAT PUMP

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.



3D Airflow

Front air deflectors are adjustable for horizontal or vertical airflow. Airflow can be directed to air condition the whole room or even a particular point providing for better comfort.



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		YHKE09ZEFAXAORX	YHKE12ZEFAXAORX	YHKE18ZEFAXAORX	YHKE24ZEFAXAORX	
York Outdoor Model		YHKE09YEFAXAO-X	YHKE12YEFAXAO-X	YHKE18YEFAXAO-X	YHKE24YEFAXAO-X	
York Indoor Model		YHKE09XEFAXA-RX	YHKE12XEFAXA-RX	YHKE18XEFAXA-RX	YHKE24XEFAXA-RX	
Power supply	V/Ph/Hz	230V/1Ph/50Hz	230V/1Ph/50Hz	230V/1Ph/50Hz	230V/1Ph/50Hz	
Power supply by	Side	Indoor	Indoor	Indoor	Indoor	
Cooling	Capacity(Min-Max)	Btu/h	9,997(5,118-11,260)	12,590(6,142-12,966)	19,244(5,118-19,107)	23,748(5,118-27,467)
	Capacity(Min-Max)	W	2,930(1,500-3,300)	3,690(1,800-3,800)	5,640(1,500-5,600)	6,960(1,500-8,050)
	Power Input(Min-Max)	W	710(400-1,200)	910(450-1,400)	1,390(450-1,800)	1,680(350-2,430)
	Rated current(Min-Max)	A	3.15(1.8-5.3)	3.95(2.0-6.2)	6.1(2.0-10.0)	7.5(1.4-10.9)
	EER	Btu/h·W	14.13	13.82	13.82	14.13
	EER	W/W	4.14	4.05	4.05	4.14
Heating	Capacity(Min-Max)	Btu/h	9,793(4,436-12,283)	12,830(5,459-15,013)	21,019(6,141-19,790)	26,362(6,142-27,808)
	Capacity(Min-Max)	W	2,870(1,300-3,600)	3,760(1,600-4,400)	6,160(1,800-5,800)	7,726(1,800-8,150)
	Power Input(Min-Max)	W	680(350-1,150)	960(400-1,450)	1,500(450-1,850)	1,920(300-2,200)
	Rated current(Min-Max)	A	3.0(1.6-5.1)	4.15(1.8-6.4)	6.7(2.5-10.5)	10.2(1.8-9.86)
	COP	Btu/h·W	14.43	13.34	13.96	13.72
	COP	W/W	4.23	3.91	4.09	4.02
Moisture Removal	l/h	1,150	1,400	2,300	3,200	
Max. input consumption	W	1,500	1,900	1,900	2,800	
Max. current	A	7.5	9.5	11.0	15	
Indoor fan motor	Output	W	45	45	50	45
	Speed (Hi/Mi/Lo)	rpm	1,280/1,150/1,000/800	1,330/1,250/1,000/800	1,230/1,150/1,020/900	1,330/1,230/1,065/850
Indoor air flow (Hi/Mi/Lo)	m ³ /h	580/530/470/410	620/550/470/410	950/850/740/660	1,200/1,050/900/750	
Indoor noise level (Hi/Mi/Lo)	dB(A)	43/38/35/31	43/38/35/31	49/44/40/35	51/48/45/39	
Indoor dimension	Unit (WxHxD)	mm	850x300x198	850x300x198	1,100x330x235	1,100x330x235
	Packing (WxHxD)	mm	920x370x282	920x370x282	1,180x400x317	1,180x400x317
Indoor weight	Net	kg	9.0	10.0	16.0	15
	Gross	kg	11.5	13	19	19
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Input	W	825	825	1,255	1,760
	Refrigerant oil charge	ml	ESTER OIL VG74/370	ESTER OIL VG74/370	168HES-Horequivalent/480	168HES-Horequivalent/480
Outdoor fan motor	Output	W	40	40	86	69
	Speed	rpm	800	800	840	900
Outdoor air flow	m ³ /h	1,950	2,353	/	2,100	
Outdoor noise level	dB(A)	51	52	55	60	
Outdoor dimension	Unit (WxHxD)	mm	800x545x315	800x545x315	900x700x350	900x700x350
	Packing (WxHxD)	mm	920x620x400	920x620x400	1,015x762x425	1,015x762x425
Outdoor weight	Net	kg	27.0	30.0	49.0	50
	Gross	kg	31	34	55	55
Refrigerant	Type		R-410A	R-410A	R-410A	R-410A
	Charge	g	820	1,070	1,600	2,000
Refrigerant pipe	Liquid side	mm	6.35	6.35	6.35	6.35
	Gas side	mm	9.52	9.52	12.7	15.88
	Standard connection length	m	7.5	7.5	7.5	7.5
	Additional charge amount	g	20x(Length m-7.5)	20x(Length m-7.5)	20x(Length m-7.5)	30x(Length m-7.5)
	Max. refrigerant pipe length	m	20	20	20	20
	Max. difference in level	m	10	10	15	10
Operation temperature range	°C	16-32	16-32	16-32	16-32	
Ambient temperature range	°C	-5~48	-5~48	-5~48	-5~48	
Qty/per 20' & 40' & 40HQ	Set	88/186/236	79/160/203	60/126/132	60/126/132	

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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