

 **YORK**<sup>®</sup>  
INSTALL CONFIDENCE



**ALTAIR HIGH WALL R-410A 60Hz HEAT PUMP**  
**YHGE 12 to 24 ZJMAXAORX**  
A complete range from 3.4 to 6.8 kW

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

### Indoor Unit

- Modern, compact design
- Efficient cooling/heating
- Auto restart
- Low noise
- Air sweep
- Low Volt



### Remote Control

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

### Condensing Unit

- Quiet operation
- Convenient installation
- Easy maintenance



The YORK<sup>®</sup> line of Mini Splits 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 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.

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

## Features and Benefits



### 24-Hour Timer

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



### Self Diagnosis

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



### Child Lock

If the lock button on the remote control is pressed, it must be pressed again before use to help prevent accidental operation.



### 3-Minute Protection

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



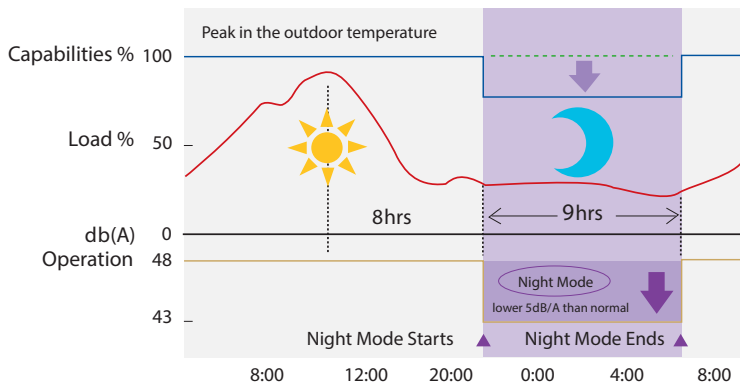
### Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



### Auto Restart

Unit is automatically returned to previous operating conditions after a power outage, for simplified operation.



## Intelligent Sleep Mode

Air temperature is automatically controlled according to the sleep curve for maximum comfort, reduced noise, and energy savings.

Intelligent Night operation function can reduce noise up to 5dB/A.

## Specification

York Set Model			YHGE12ZJMAXAORX	YHGE18ZJMAXAORX	YHGE24ZJMAXAORX
York Outdoor Model			YHGE12YJMAXAO-X	YHGE18YJMAXAO-X	YHGE24YJMAXAO-X
York Indoor Model			YHGE12XJMAXA-RX	YHGE18XJMAXA-RX	YHGE24XJMAXA-RX
Power supply		V/Ph/Hz	208~230V/1Ph/60Hz	208~230V/1Ph/60Hz	208~230V/1Ph/60Hz
Cooling	Capacity	W	3,407	4,903	6,802
	Power Input	W	1,156	1,700	2,317
	Rated current	A	5.4	7.9	10.8
	EER	W/W	2.94	2.88	2.93
Heating	Capacity	W	3,517	5,276	7,034
	Input	W	1,180	1,750	2,250
	Rated current	A	5.5	8.0	11.0
	COP	W/W	2.98	3.01	3.13
Moisture Removal		l/h	0.7	1.1	1.4
Max. input consumption		W	1,680	2,100	2,750
Max. current		A	9	11	15
Indoor fan motor	Output	W	18	30	50
	Running current	A	0.08	0.14	0.23
	Capacitor	µF	1.5	3	3
	Speed (SH/H/M/L)	rpm	1,280/1,130/1,015/900	1,280/1,130/1,015/900	1,330/1,180/1,040/900
Indoor air flow (SH/H/M/L)		m <sup>3</sup> /h	600/530/470/400	900/770/660/560	1,200/1,050/860/700
Indoor noise level (SH/H/M/L)		dB(A)	43/39/35/31	48/40/36/34	51/46/42/38
Indoor dimension	Unit (WxHxD)	mm	750×285×200	900×310×225	1,082×330×233
	Packing (WxHxD)	mm	850×620×370	950×380×290	1,130×395×300
Indoor weight	Net	kg	8	11.5	14
	Gross	kg	11	14.5	18
Compressor	Type		Rotary	Rotary	Rotary
	Input	W	1,075	1,340	2,035
	Rated current(RLA)	A	5.3	6.45	9.9
	Locked rotor Amp(LRA)	A	28.5	38.5	55.4
	Thermal protector		Internal	Internal	Internal
	Capacitor	µF	40	45	50
	Refrigerant oil	ml	ESTER OIL VG74 350	ESTER OIL VG74 300	ESTER OIL VG74 480
Outdoor fan motor	Output	W	25	31	69
	Running current	A	0.2	0.21	0.36
	Capacitor	µF	2.5	2.5	3.5
	Speed	rpm	820	930	870
Outdoor air flow		m <sup>3</sup> /h	1,800	2,100	2,800
Outdoor noise level		dB(A)	50	53	58
Outdoor dimension	Unit (WxHxD)	mm	720×545×255	795×525×290	825×655×310
	Packing (WxHxD)	mm	820×347×277	920×620×400	945×725×435
Outdoor weight	Net	kg	28	36.5	44
	Gross	kg	31	40	49
Refrigerant	Type		R-410A	R-410A	R-410A
	Charge	g	660	1050	1450
Refrigerant pipe	Liquid side	mm(inch)	Ø6.35(Ø1/4)	Ø6.35(Ø1/4)	Ø6.35(Ø1/4)
	Gas side	mm(inch)	Ø9.52(Ø3/8)	Ø12.7(Ø1/2)	Ø15.88(Ø5/8)
	Max. refrigerant pipe length	m	18	18	18
	Max. difference in level	m	60	60	60
Operation temperature range		°C	16-32	16-32	16-32
Ambient temperature range		°C	-5-43	-5-43	-5-43
Application area		m <sup>2</sup>	12~16	21~25	27~31
Qty/per 20' & 40' & 40HQ		Set	102/219/263	82/177/203	64/144/162

### 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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