

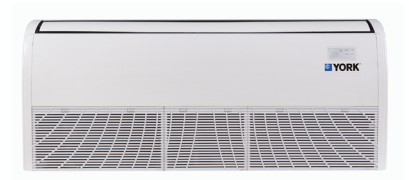


GRANDE FLOOR CEILING R-410A 60HZ  
INVERTER 16 SEER  
YFJE(18-48)BZJ

## GRANDE FLOOR CEILING R-410A 60HZ INVERTER 16 SEER

### Indoor Unit

- Ceiling and Wall Installation Option
- Automatic Up and Down Air Swing
- Low noise
- Washable air filter
- High velocity air flow
- Auto Random Restart
- 2-way Drainage
- Follow me function
- Universal Spare Parts make maintenance much easier
- Fresh air intake (Optional)
- Drain pump (Optional)
- Wired controller (Optional)

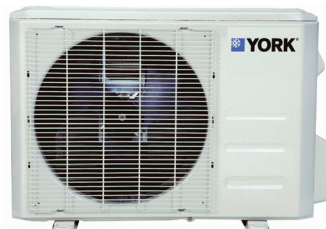


### Remote Control

- 5 operation modes: Auto, Cool, Dry, Heat, Fan only
- Multi-speed fan setting: High/Medium/Low/Auto
- 24-hour timer setting
- Turbo cool setting
- Background light LCD display
- Real-time clock display

### Condensing Unit

- Compact size
- More sturdy and durable
- High efficiency compressor
- Low noise
- 3-minute protection
- Valve protection
- Easier installation
- Easier maintenance
- Universal design



The YORK® line of Floor ceiling Air Conditioners includes a wide range of sizes to meet many customers' needs. Each model is designed to provide comfort and efficiency, in an easy-to-operate unit and 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 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.

## GRANDE FLOOR CEILING R-410A 60HZ INVERTER 16 SEER

### Features and benefits



#### Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



#### 3-Minute Protection

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



#### 24-Hour Timer

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



#### 4-Way 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.



#### 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.



#### Washable Filter

Washable filter allows for convenient service and maintenance.



#### Auto Restart

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



#### Self Diagnosis

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



#### Low Ambient Cooling at -15°C

The AC will run in cooling mode when outdoor temperature is below -15°C to meet special user-requested applications.



#### 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			YFJE18BJ6AMORX	YFJE24BJ6AMORX	YFJE36BJ6AMORX	YFJE48BJ6AMORX
York Indoor Model			YFJE18BXJ6AM-RX	YFJE24BXJ6AM-RX	YFJE36BXJ6AM-RX	YFJE48BXJ6AM-RX
York Outdoor Model			YUJE18BYJ6AMO-X	YUJE24BYJ6AMO-X	YUJE36BYJ6AMO-X	YUJE48BYJ6AMO-X
Power supply		V-ph-Hz	208-230-1-60	208-230-1-60	208-230-1-60	208-230-1-60
Cooling	Capacity	Btu/h	18000	24000	36000	48000
	EER	Btu/W	12.5	12.5	8.0	9.3
	SEER		20	20	16	17.8
Minimum circuit ampacity		A	15	18	30	35
Max.fuse		A	20	25	50	50
Indoor fan motor	Qty		1	1	1	2
	Input	W	55	55	115	90
	RLA	A	1.5	2	1.5	1.8
	Speed(Hi/Med/Lo)	r/min	950/850/750	1350/1260/1120	1300/1150/800	1320/1200/1120
Indoor air flow(Hi/Med/Lo)		m³/h(CFM)	982/885/790(578/521/465)	1290/1204/1017(759/708/598)	1762/1559/1084(1037/917/638)	2300/1900/1700(1350/1120/1000)
Indoor noise level (sound pressure) (Hi/Mid/Lo)		dB(A)	47/44/39	53/48/42	54/49/43	57/54/52
Indoor unit	Dimension (WxDxH)	mm	1068x675x235	1068x675x235	1285x675x235	1650x675x235
	Dimension (WxDxH)	inch	42.05x26.57x9.25	42.05x26.57x9.25	50.59x26.57x9.25	64.96x26.57x9.25
	Packing (WxDxH)	mm	1145x755x313	1145x755x313	1360x755x313	1725x755x313
	Packing (WxDxH)	inch	45.08x29.72x12.32	45.08x29.72x12.32	53.54x29.72x12.32	67.91x29.72x12.32
	Net/Gross weight	kg	25/29.7	26.5/31.4	31.3/37	38/44
Design pressure		PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG
Drainage water pipe diameter		mm	ODØ25	ODØ25	ODØ25	ODØ25
Refrigerant piping		mm(inch)	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
Controller			Remote control	Remote control	Remote control	Remote control
Room temperature		°C/°F	17~32/62~90			
Operation temperature		°C/°F	17~30/62~86			
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Capacity	Btu/h	13836	24345	32823	44697
	Input	W	1035	1970	2570	3420
	Rated current (RLA)	A	10.50	12.00	22.00	23.5
	Thermal protector position		INTERNAL	EXTERNAL	EXTERNAL	INTERNAL
	Refrigerant oil	ml	ESTER OIL VG74/450	POE(VG74)/670	ESTER OIL VG74/1000	Ester Oil VG74/1400
Outdoor fan motor	Qty		1	1	1	2
	Input	W	50(Output)	120(Output)	120(Output)	85(Output)
	RLA	A	0.60	0.6	1.0	0.39
	Speed	r/min	810	810	950	900
Outdoor air flow (Max.)		m³/h	2500	4000	4300	7600
Outdoor air flow (Max.)		CFM	1470	2354	2530	4470
Outdoor noise level		dB(A)	60	61	66	62.5
Throttle type			Capillary +EXV	Capillary +EXV	Capillary +EXV	Capillary +EXV
Outdoor unit	Dimension (W×D×H)	mm	845x363x702	946x410x810	946x410x810	952x415x1333
		inch	33.27x14.29x27.64	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48
	Packing (W×D×H)	mm	965x395x755	1090x500x875	1090x500x875	1095x495x1480
		inch	37.99x15.55x29.72	42.91x19.69x34.45	42.91x19.69x34.45	43.11x19.49x58.27
	Net/ Gross weight	kg	43.2/46.5	62/67.4	67.4/73	98.6/111.6
Refrigerant type/Quantity		Oz	R410A/68.8	R410A/82.9	R410A/108	R410A/148.2
Refrigerant precharge		ft	25	25	25	25
Additional charge for each ft		oz	0.16	0.32	0.32	0.32
Design pressure		PSIG	550/340	550/340	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m/ft	30/98	50/164	65/213	65/213
	Max. difference in level	m/ft	20/66	25/82	30/98	30/98
Ambient temperature		°C/°F	-25~50/-13~122	-25~50/-13~122	-15~50/5~122	-15~50/5~122
Qty/per 20' /40' /40'HQ		Indoor	102/220/252	102/220/252	92/188/213	72/147/167
Qty/per 20' /40' /40'HQ		Outdoor	92/188/213	72/147/167	44/96/144	22/46/46

### 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)



Johnson Controls, the Johnson Controls logo, YORK are registered trademarks of Johnson Controls, Inc in the United States of America and other countries. Other trademarks used herein may be trademarks or registered trademarks of other companies.

FOR MORE INFORMATION CONTACT [JOHNSONCONTROLS.COM](http://JOHNSONCONTROLS.COM)

© 2016 Johnson Controls, Inc, P.O. Box 423, Milwaukee, WI 53201, All rights reserved worldwide.

SFJE(18-48)BJ-160620