

FLOOR CEILING AIR CONDITIONERS

An efficient solution for more comfortable environments



Grande Floor Ceiling Air Conditioners 60HZ R410A Top Discharge Outdoor



A broad line of user-friendly, earth-friendly units



Indoor Unit

- Washable filter
- High velocity air flow
- Low noise
- Auto restart
- Flow me function
- Fresh air intake(optional)
- Drain pump(optional)

Remote Control

- Multi-speed fan setting
- 5 operation modes
- 24 hour timer
- Background light LCD display



Condensing Unit

- Universal design
- High efficiency compressor
- Self diagnosis
- 3-minute protection
- Valve protection

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 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 controller. When you buy YORK products you get Johnson Controls' exceptional service, and history of providing quality and reliable heating and air conditioning products.

We create environments that help achieve a higher level of comfort.

No one knows building environments better than Johnson Controls. For more than 125 years, we've been in the business of building efficiency, delivering healthier environments, operational savings and sustainable solutions for our partners all over the world. In fact, we serve over one million customers and help the world reduce its energy consumption, saving customers over \$7.5 billion in energy costs.

FEATURES AND BENEFITS



Self Diagnosis

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



Washable Filter

Washable filter allows for convenient service and maintenance.



R410-A

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



Multi-speed Fan

Multi-speed fan helps satisfy various airflow requirements.



24-Hour Timer

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



3-Minute Protection

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



Auto Restart

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



Auto Swing

In cooling mode, auto swing sends air up, down and side-to-side to all corners of the room for improved comfort and energy savings. In heating mode, air is directed downward only.



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.

Specifications

Model Name	Set	YNFFZC024BAADAFX	YNFFZC036BAADAFX	YNFFZC048BAADBFX	YNFFZC060BAADBFX	YNFFZC036BAQDBFX	YNFFZC048BAQDBFX	YNFFZC060BAQDBFX
	Indoor	YNFFXC024BAAD-FX	YNFFXC036BAAD-FX	YNFFXC048BAAD-FX	YNFFXC060BAAD-FX	YNFFXC036BAAD-FX	YNFFXC048BAAD-FX	YNFFXC060BAAD-FX
	Outdoor	YNVFC024BAADA-X	YNVFC036BAADA-X	YNVFC048BAADB-X	YNVFC060BAADB-X	YNVFC036BAQDB-X	YNVFC048BAQDB-X	YNVFC060BAQDB-X
Power Supply	V/Ph/Hz	220-230/1/60	220-230/1/60	220-230/1/60	220-230/1/60	220-230/3/60	220-230/3/60	220-230/3/60
Cooling Capacity	Btu/h	24000	36000	48000	60000	36000	48000	60000
Input Power	W	2586	3879	5170	6465	3879	5170	6465
EER	W/W	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Compressor Type	-	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll
Refrigerant	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Air Flow Volume (Hi/Me/Low)	m3/h	1296/980/775	1830/1600/1410	2548/2104/1790	2890/2422/2281	1830/1600/1410	2548/2104/1790	2890/2422/2281
Refrigerant Pipe Size(Liq/Suc)	ømm	ø9.52/ø15.9	ø9.52/ø15.9	ø9.52/ø22	ø9.52/ø22	ø9.52/ø22	ø9.52/ø22	ø9.52/ø22
Unit Dimension Indoor(WxDxH)	mm	1068x675x235	1285x675x235	1650x675x235	1650x675x235	1285x675x235	1650x675x235	1650x675x235
Unit Dimension Outdoor(WxDxH)	mm	600x600x633	600x600x633	710x710x759	740x740x843	600x600x633	710x710x759	740x740x843
Net Weight(I/D/OD)	kg	25.7/43	33/69	39.5/75	41.5/88.1	33/60	39.5/75	41.5/88.1

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)

High ambient cooling test conditions:

Cooling – Indoor 84.2°F DB / 66.2°F WB (29°C DB / 19°C WB) & Outdoor 114.8°F DB / 75.2°F WB (46°C DB / 24°C WB)

For more information about Floor Ceiling Air Conditioners, please contact your local Johnson Controls representative.

About Johnson Controls

Johnson Controls is a leading provider of equipment, controls and services for heating, ventilating, air-conditioning, refrigeration and security systems for buildings. Operating from 500 branch offices in 150 countries, we create building environments that help people achieve by delivering products, services and solutions that increase energy efficiency and lower operating costs. We are involved in more than 500 renewable energy projects including solar, wind and geothermal technologies. Our solutions have reduced carbon dioxide emissions by 13.6 million metric tons and generated savings of \$7.5 billion since 2000. Many of the world's largest companies rely on us to manage 1.5 billion square feet of their commercial real estate.

