

FLOOR CEILING AIR CONDITIONERS

An efficient solution for more comfortable environments



Grande Floor Ceiling Air Conditioners 60HZ R22 Top Discharge



BY JOHNSON CONTROLS

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



Indoor Unit

- Fresh air intake
- Washable filter
- High velocity and air flow
- Low noise

Remote Control

- Auto restart
- Auto swing
- 24 hour timer
- Child lock function
- Multi-speed fan

Condensing Unit

- High efficiency compressor
- Low noise
- High efficiency coil with internal grooved copper tube

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.

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.



Child Lock

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



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.



Fresh Air

Preset fresh air intake allows outdoor air into the room for improved indoor air quality and a more comfortable environment.



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.



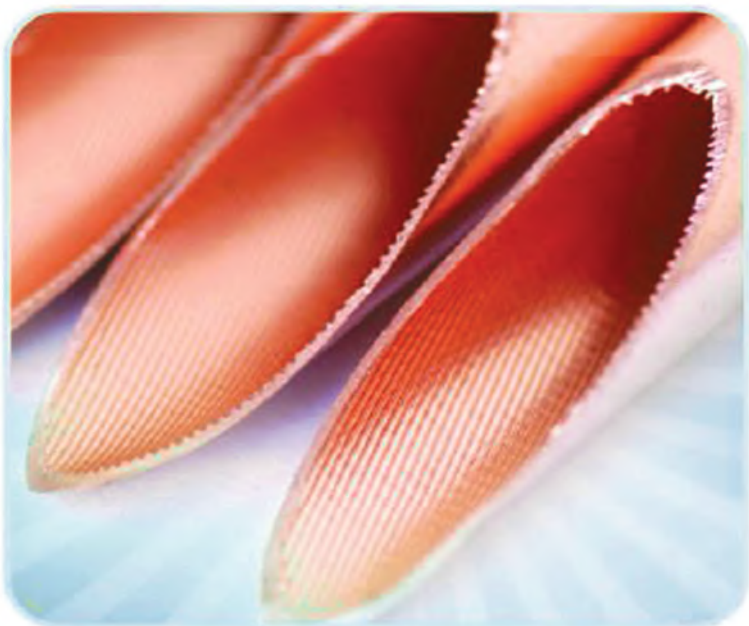
3-Minute Protection

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



Electrical Defrosting

Automatic de-icing of outdoor unit below certain temperatures helps ensure proper operation, saves energy and improves efficiency. (Heat pump only)



Inner Groove Copper Tubes

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	YNFFZC018BBH-AFX	YNFFZC024BBH-AFX	YNFFZC036BBH-AFX	YNFFZC048BBH-BFX	YNFFZC060BBH-BFX	
	Indoor	YNFFXC018BBH--FX	YNFFXC024BBH--FX	YNFFXC036BBH--FX	YNFFXC048BBH--FX	YNFFXC060BBH--FX	
	Outdoor	YNVFC018BBH-A-X	YNVFC024BBH-A-X	YNVFC036BBH-A-X	YNVFC048BBH-B-X	YNVFC060BBH-B-X	
Power Supply	V/Ph/Hz	220-1-60	220-1-60	220-1-60	220-1-60	220-1-60	
Cooling Capacity	Btu/h	18000	24000	36000	48000	55000	
Cooling Input Power	W	2090	2740	4040	5191	6105	
EER/COP	W/W	2.52	2.57	2.61	2.71	2.64	
Compressor Type	-	Rotary	Rotary	Scroll	Scroll	Scroll	
Refrigerant	-	R22	R22	R22	R22	R22	
Air Flow Volume (Hi/Me/Lo)	m3/h	1140/850/710	1140/850/710	1900/1700/1500	2000/1700/1500	2400/2100/1800	
Refrigerant Pipe Size(Liq/Suc)	ømm	ø6.35/ø12.7	ø9.52/ø15.9	ø9.52/ø19	ø9.52/ø19	ø9.52/ø19	
Unit Dimension Indoor(WxHxD)	mm	990×660×203	990×660×203	1285×675×235	1285×675×235	1650×675×235	
Unit Dimension Outdoor(WxHxD)	mm	554×554×633	554×554×633	600×600×633	710×710×759	710×710×843	
Net Weight(LD/OD)	kg	27/42	25/42	32/51	33/71	39/78.2	

Model Name	Set	YNFFZC036BBQ-BFX	YNFFZC048BBQ-BFX	YNFFZC060BBQ-BFX	YNFFZC036BBD-BFX	YNFFZC048BBD-BFX	YNFFZC060BBD-BFX
	Indoor	YNFFXC036BBQ--FX	YNFFXC048BBQ--FX	YNFFXC060BBQ--FX	YNFFXC036BBD--FX	YNFFXC048BBD--FX	YNFFXC060BBD--FX
	Outdoor	YNVFC036BBQ-B-X	YNVFC048BBQ-B-X	YNVFC060BBQ-B-X	YNVFC036BBD-B-X	YNVFC048BBD-B-X	YNVFC060BBD-B-X
Power Supply	V/Ph/Hz	220-3-60	220-3-60	220-3-60	380-3-60	380-3-60	380-3-60
Cooling Capacity	Btu/h	36000	48000	55000	36000	48000	55000
Cooling Input Power	W	3936	4940	6105	3936	5060	6105
EER/COP	W/W	2.68	2.73	2.64	2.68	2.78	2.64
Compressor Type	-	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Refrigerant	-	R22	R22	R22	R22	R22	R22
Air Flow Volume (Hi/Me/Lo)	m3/h	1900/1700/1500	2000/1700/1500	2400/2100/1800	1900/1700/1500	2400/2100/1800	2400/2100/1800
Refrigerant Pipe Size(Liq/Suc)	ømm	ø9.52/ø19	ø9.52/ø19	ø9.52/ø19	ø9.52/ø19	ø9.52/ø19	ø9.52/ø19
Unit Dimension Indoor(WxHxD)	mm	1285×675×235	1285×675×235	1650×675×235	1285×675×235	1650×675×235	1650×675×235
Unit Dimension Outdoor(WxHxD)	mm	554×554×759	710×710×759	710×710×843	554×554×759	710×710×759	710×710×843
Net Weight(LD/OD)	kg	32/63	33/77.5	39/77	32/65.8	39/75	39/79.4

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 more 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.

