

ASIA TYPE DUCTED AIR CONDITIONER

An efficient solution for more comfortable environments



Asia Type Ducted Air Conditioners 60HZ R22 MSP



BY JOHNSON CONTROLS

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



Indoor Unit

- Auto restart
- Low noise
- High velocity air flow
- Washable air filter(optional)

Remote Control

- Wired controller
- Big LCD display
- 24-Hour Timer
- 5 operation modes
- Multi-speed fan



Condensing Unit

- Compact size
- High efficiency compressor
- Low noise
- Self diagnosis
- Electrical defrosting

The YORK® line of Mid Static Ducted Air Conditioning units includes a wide range of sizes to meet most any customer's needs. Each model is designed to provide comfort and efficiency in an easy to operate unit. And its 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 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



24-Hour Timer

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



Electrical Defrosting

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



Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



Self Diagnosis

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



Compact Design

Smaller dimensions for easy installation, transportation, and reduced cost.



3-Minute Protection

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



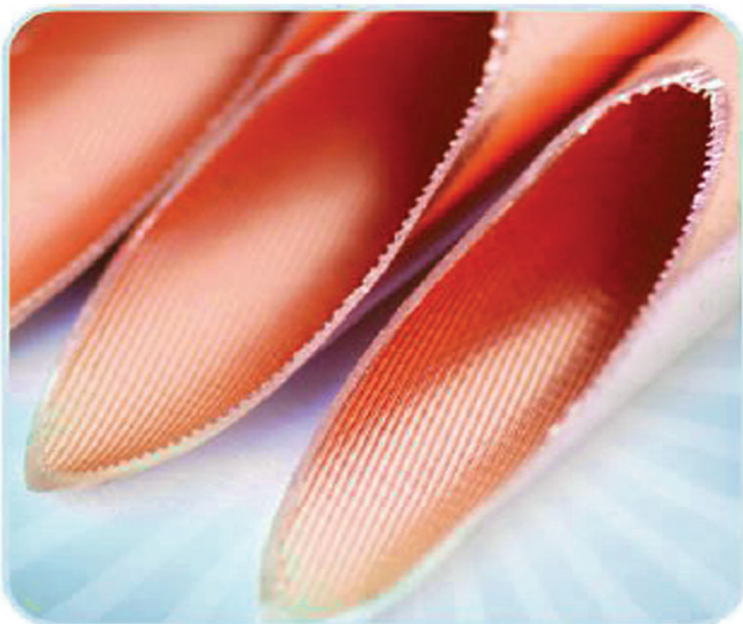
Auto Restart

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



Washable Filter

Washable filter allows for convenient service and maintenance.



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	YNEFZC018BBH-AGX	YNEFZC024BBH-AGX	YNEFZC036BBH-AGX	YNEFZC048BBH-BGX	YNEFZC036BBQ-BGX	YNEFZC048BBQ-BGX
	Indoor	YNEFXC018BBH--GX	YNEFXC024BBH--GX	YNEFXC036BBH--GX	YNEFXC048BBH--GX	YNEFXC036BBQ--GX	YNEFXC048BBQ--GX
	Outdoor	YNVFC018BBH-A-X	YNVFC024BBH-A-X	YNVFC036BBH-A-X	YNVFC048BBH-B-X	YNVFC036BBQ-B-X	YNVFC048BBQ-B-X
Power Supply	V/Ph/Hz	220/1/60	220/1/60	220/1/60	220/1/60	220/3/60	220/3/60
Cooling Capacity	Btu/h	18000	24000	36000	48000	36000	48000
Cooling Input Power	W	1920	2570	3820	5190	3820	5310
EER/COP	W/W	2.75	2.74	2.76	2.71	2.76	2.65
Compressor Type	-	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
Refrigerant	-	R22	R22	R22	R22	R22	R22
Air Flow Volume (Hi/Me/Lo)	m3/h	906/-/-	1074/797/773	1757/1478/1303	2147/1702/1444	1757/1478/1303	2147/1702/1444
External static pressure	Pa	25	25	37	50	37	50
Refrigerant Pipe Size(Liq/Suc)	ømm	ø6.4/ø12.7	ø9.5/ø15.9	ø9.5/ø19	ø9.5/ø19	ø9.5/ø19	ø9.5/ø19
Unit Dimension Indoor(WxDxH)	mm	920x635x210	920x635x270	1140x775x270	1200x865x300	1140x775x270	1200x865x300
Unit Dimension Outdoor(WxDxH)	mm	554x554x633	554x554x633	600x600x633	710x710x759	554x554x759	710x710x759
Net Weight(ID/OD)	kg	26/42	28.5/43	42/51	49/71	42/63	49/77.5

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 Ducted 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.

