

ASIA TYPE DUCTED AIR CONDITIONER

# An efficient solution for more comfortable environments



Asia Type Ducted Air Conditioners 50HZ R410-A HSP



BY JOHNSON CONTROLS

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



### Indoor Unit

- Auto restart
- Low noise
- Washable air filter
- High velocity air flow

### Remote Control

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



### Condensing Unit

- Compact size
- High efficiency compressor
- Low noise
- Valve protection
- Low ambient kit(optional)

The YORK® line of High 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)



### R410-A

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



### 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.



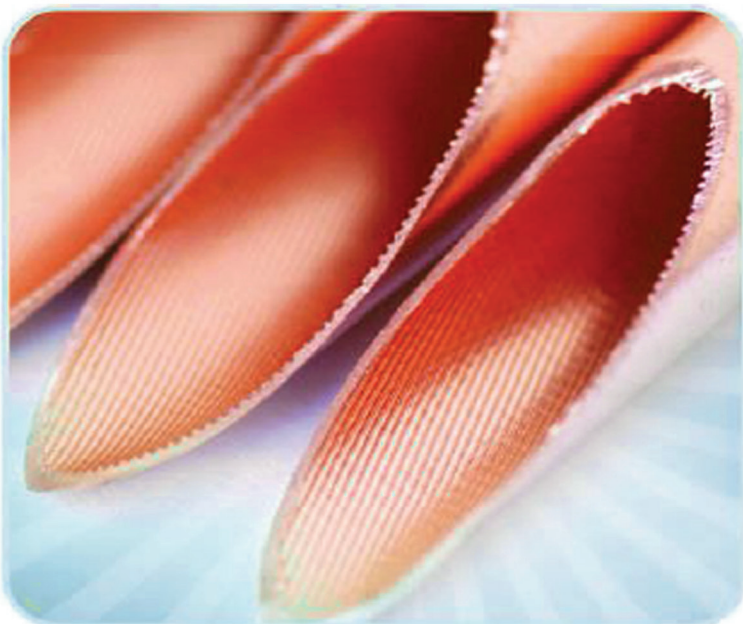
### Auto Restart

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	YMGFZC024BAM-AGX	YMGFZH024BAM-AG1	YMGFZC030BAM-BGX	YMGFZH030BAM-BGX	YMGFZC030BAN-BGX
	Indoor	YMGFXC024BAM--GX	YMGFXH024BAM--G1	YMGFXC030BAM--GX	YMGFXH030BAM--GX	YMGFXC030BAN--GX
	Outdoor	YMUFYC024BAM-A-X	YMUFYH024BAM-A-1	YMUFYC030BAM-B-X	YMUFYH030BAM-B-X	YMUFYC030BAN-B-X
Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50
Cooling/Heating Capacity	Btu/h	24000/-	24000/26000	30000/-	30000/32000	30000/-
Cooling/Heating Input Power	W	2825/-	2547/2450	4330/-	3569/3892	4201/-
EER/COP	W/W	2.49/-	2.76/2.4	2.04/-	2.47/2.41	2.1/-
Compressor Type	-	Rotary	Rotary	Scroll	Scroll	Scroll
Refrigerant	-	R410-A	R410-A	R410-A	R410-A	R410-A
Air Flow Volume (Hi/Me/Lo)	m3/h	1800/1670/1450	1800/1670/1450	2200/2000/1700	2400/2200/2000	2200/2000/1700
External Static Pressure	Pa	ø9.5/ø15.9	ø9.5/ø15.9	ø9.5/ø19	ø9.5/ø19	ø9.5/ø19
Refrigerant Pipe Size(Liq/Suc)	ømm	856×691×400	856×691×400	856×691×400	856×691×400	856×691×400
Unit Dimension Indoor(WxDxH)	mm	842×695×324	845×320×700	895×313×862	990×354×966	895×313×862
Unit Dimension Outdoor(WxDxH)	mm	32/47.5	41/53	32/83	47/94	32/80
Net Weight(ID/OD)	kg	32/47.5	41/53	32/83	47/94	32/80

## Specifications

Model Name	Set	YMGFZH030BAN-BGX	YMGFZC036BAM-BGX	YMGFZH036BAM-BG1	YMGFZC036BAN-BGX	YMGFZH036BAN-BG1
	Indoor	YMGFXH030BAN--GX	YMGFXC036BAM--GX	YMGFXH036BAM--G1	YMGFXC036BAN--GX	YMGFXH036BAN--G1
	Outdoor	YMUFYH030BAN-B-X	YMUFYC036BAM-B-X	YMUFYH036BAM-B-1	YMUFYC036BAN-B-X	YMUFYH036BAN-B-1
Power Supply	V/Ph/Hz	380-415/3/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50
Cooling/Heating Capacity	Btu/h	30000/32000	36000/-	36000/38000	36000/-	36000/38000
Cooling/Heating Input Power	W	3619/3612	4471/-	3787/3723	4210/-	3751/3490
EER/COP	W/W	2.43/2.60	2.36/-	2.79/2.99	2.51/-	2.82/3.19
Compressor Type	-	Scroll	Scroll	Scroll	Scroll	Scroll
Refrigerant	-	R410-A	R410-A	R410-A	R410-A	R410-A
Air Flow Volume (Hi/Me/Lo)	m3/h	2400/2200/2000	2400/2200/200	2400/2200/2000	2400/2200/200	2400/2200/2000
External Static Pressure	Pa	ø9.5/ø19	ø9.5/ø19	ø9.5/ø19	ø9.5/ø19	ø9.5/ø19
Refrigerant Pipe Size(Liq/Suc)	ømm	856×691×400	856×691×400	856×691×400	856×691×400	856×691×400
Unit Dimension Indoor(WxDxH)	mm	990×354×966	990×354×966	990×345×965	990×354×966	990×345×965
Unit Dimension Outdoor(WxDxH)	mm	47/92	47/88	47/84.5	47/90	47/81
Net Weight(ID/OD)	kg	47/92	47/88	47/94	47/90	47/92

# Specifications

Model Name	Set	YMGFZC048BAN-BGX	YMGFZH048BAN-BG1	YMGFZC060BAN-BGX	YMGFZH060BAN-BG1
	Indoor	YMGFXC048BAN--GX	YMGFXH048BAN--G1	YMGFXC060BAN--GX	YMGFXH060BAN--G1
	Outdoor	YMUFYC048BAN-B-X	YMUFYH048BAN-B-1	YMUFYC060BAN-B-X	YMUFYH060BAN-B-1
Power Supply	V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Cooling/Heating Capacity	Btu/h	48000/-	48000/52000	60000/-	60000/60000
Cooling/Heating Input Power	W	5651/-	4645/4800	6911/-	6034/5477
EER/COP	W/W	2.49/-	3.03/3.16	2.55/-	2.92/3.21
Compressor Type	-	Scroll	Scroll	Scroll	Scroll
Refrigerant	-	R410-A	R410-A	R410-A	R410-A
Air Flow Volume (Hi/Me/Lo)	m3/h	3900/3700/3000	3900/3700/3000	4000/3750/3100	4000/3750/3100
External Static Pressure	Pa	ø9.5/ø19	ø9.5/ø19	ø9.5/ø19	ø9.5/ø19
Refrigerant Pipe Size(Liq/Suc)	ømm	1200×691×400	856×691×400	1200×691×400	1200×691×400
Unit Dimension Indoor(WxDxH)	mm	900×340×1167	900×350×1170	900×340×1167	900×350×1170
Unit Dimension Outdoor(WxDxH)	mm	65/101	52/96	67/103	63/97
Net Weight(ID/OD)	kg	65/99	52/110	67/103	67/106

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.

