

HIGH STATIC PRESSURE DUCTED

# An efficient solution for more comfortable environments



Grande High Static Ducted Air Conditioners 50HZ R410-A T3



BY JOHNSON CONTROLS

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



### Indoor Unit

- Compact design
- High external static pressure
- Washable air filter

### Wired Control

- LCD display
- Weekly timer
- 24 hour timer
- Wireless (optional)

### Condensing Unit

- Compact design
- Electrical defrosting
- Self diagnosis
- 3-minute protection
- High efficiency scroll compressor



The YORK® line of High Static Ducted Heating Air Conditioning units 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 wired 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



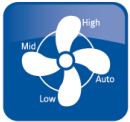
### Self Diagnosis

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



### R410-A

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



### 4 Fan Setting

Four fan speeds, Low, Mid, High and Auto help satisfy various airflow requirements.



### 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.



### 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.



### 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 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	YMGFZH076BAN-BGX	YMGFZH096BAN-BGX
	Indoor	YMGFXH076BAM--GX	YMGFXH096BAM--GX
	Outdoor	YMGFYH076BAN-B-X	YMGFYH096BAN-B-X
Power Supply	V/Ph/Hz	380~415/3/50	380~415/3/50
Cooling/Heating Capacity	Btu/h	76000/85000	96000/105000
Cooling/Heating Input Power	W	7500/8300	9600/10300
EER/COP	W/W	2.93/3.01	2.92/3.01
Compressor Type	-	Scroll	Scroll
Refrigerant	-	R410A	R410A
Air Flow Volume	m <sup>3</sup> /h	4250	4800
External Static Pressure	Pa	196	196
Refrigerant Pipe Size(Liq/Suc)	ømm	ø9.52/ø22	ø9.52/ø25
Unit Dimension Indoor(WxHxD)	mm	1350*450*760	1350*450*760
Unit Dimension Outdoor(WxHxD)	mm	1255*908*700	1255*908*700
Net Weight(ID/OD)	kg	105/174	105/187

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.

