

SINGLE SPLIT AIR CONDITIONERS, HEAT PUMP

# An efficient solution for more comfortable living



Madeira Single Splits Air Conditioners R410A 60HZ 16SEER Inverter



BY JOHNSON CONTROLS

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



### Indoor Unit

- Modern, compact design
- Efficient cooling and heating
- Auto restart
- LED display
- Intelligent air



### Controller

- 24-Hour Timer
- Sleep mode
- Multi-fan speeds
- Air flow direction control



### Condensing Unit

- All DC Inverter technology
- Compact design
- Quiet running mode
- Easy maintenance
- Valve protection

The YORK® line of Mini Splits Air Conditioners includes a wide range of sizes to give you more flexibility in your product offering. Each model is designed to provide comfort and efficiency in an easy-to-operate unit and the sleek design fits a variety of spaces, whether it's in a home or office. Models meet the highest energy efficiency ratings, so less energy is consumed without sacrificing comfort and performance. Both the condensing unit and indoor unit 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.



### 3-Minute Protection

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



### Child Lock

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



### Self Diagnosis

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



### Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



### R410A

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



### Auto Restart

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

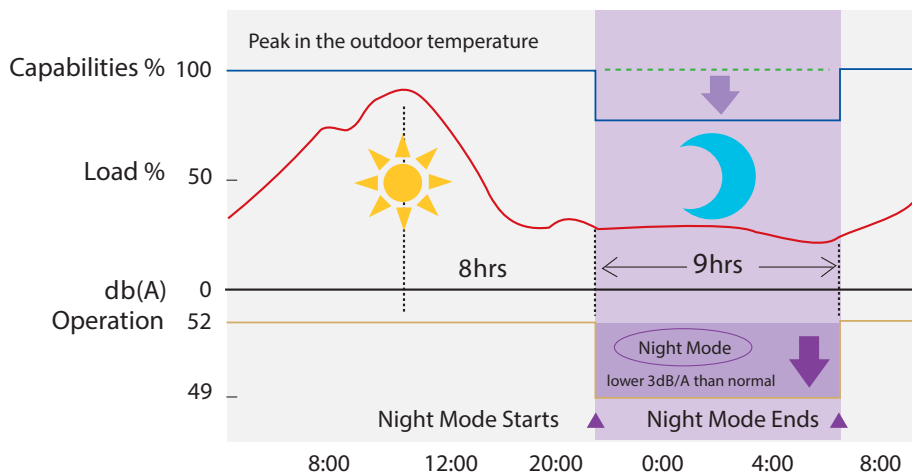


### DC Inverter

DC inverter compressor provides more comfortable indoor environment, higher performance in partial load and better heating performance in low ambient temperature than fixed compressor.

## Intelligent Sleep Mode

Air temperature is automatically controlled according to the sleep curve for maximum comfort, reduced noise, and energy savings.



# Single Splits Specifications

Model Name	Cassette						
	Set	YGKJZH018BAAMAFX	YGKJZH024BAAMAFX	YGKJZH030BAAMAFX	YGKJZH036BAAMAFX	YGKJZH042BAAMAFX	YGKJZH048BAAMAFX
	Outdoor	YGKJXH018BAAM-FX	YGKJXH024BAAM-FX	YGKJXH030BAAM-FX	YGKJXH036BAAM-FX	YGKJXH042BAAM-FX	YGKJXH048BAAM-FX
	Indoor	YGUJYH018BAAMA-X	YGUJYH024BAAMA-X	YGUJYH030BAAMA-X	YGUJYH036BAAMA-X	YGUJYH042BAAMA-X	YGUJYH048BAAMA-X
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Cooling Capacity	Btu/h	17100	23800	28200	34000	39500	48000
Heating Capacity	Btu/h	18400	27200	31200	41000	44000	54500
Cooling Input Power	W	1700	2230	2700	3280	4400	5500
Heating Input Power	W	1800	2360	2500	3750	4450	4800
SEER/HSPF	Btu/h.W	16/9.5	16/9	20/9	16/9	16/9	16/9
Compressor Type	-	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary
Refrigerant	-	R410A	R410A	R410A	R410A	R410A	R410A
Air Flow Volume	m3/h	760	1300	1500	1860	1860	2300
External static pressure	Pa	/	/	/	/	/	/
Refrigerant Pipe Size(Liq/Suc)	ømm	ø6 /ø12	ø9.52 /ø16	ø9.52 /ø16	ø9.52 /ø16	ø9.52 /ø16	ø9.52 /ø16
Unit Dimension Indoor(WxDxH)	mm	665×596×240	917×840×240	917×840×320	917×840×320	917×840×320	910×910×290
Unit Dimension Outdoor(WxDxH)	mm	955×396×700	980×427×790	980×427×790	1107×440×1100	958×412×1349	958×412×1349
Net Weight(ID/OD)	kg	20/48	27/69	32/72	32/93	32/95	43/105

# Single Splits Specifications

Model Name	Floor Ceiling						
	Set	YGFJZH018BAAMAFX	YGFJZH024BAAMAFX	YGFJZH030BAAMAFX	YGFJZH036BAAMAFX	YGFJZH042BAAMAFX	YGFJZH048BAAMAFX
	Outdoor	YGFJXH018BAAM-FX	YGFJXH024BAAM-FX	YGFJXH030BAAM-FX	YGFJXH036BAAM-FX	YGFJXH042BAAM-FX	YGFJXH048BAAM-FX
Indoor	YGUJYH018BAAMA-X	YGUJYH024BAAMA-X	YGUJYH030BAAMA-X	YGUJYH036BAAMA-X	YGUJYH042BAAMA-X	YGUJYH048BAAMA-X	
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Cooling Capacity	Btu/h	17100	23800	28200	34000	39500	48000
Heating Capacity	Btu/h	19100	27200	31200	41000	44000	54500
Cooling Input Power	W	1550	2230	2400	3280	4050	4950
Heating Input Power	W	1550	2360	2600	3750	4050	4600
SEER/HSPF	Btu/h.W	17/9.5	16/9	17/9	16/9	16/9	16/9
Compressor Type	-	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary
Refrigerant	-	R410A	R410A	R410A	R410A	R410A	R410A
Air Flow Volume	m3/h	1000	1200	1500	1900	1900	2300
External static pressure	Pa	/	/	/	/	/	/
Refrigerant Pipe Size(Liq/Suc)	ømm	ø6 /ø12	ø9.52 /ø16	ø9.52 /ø16	ø9.52 /ø16	ø9.52 /ø16	ø9.52 /ø16
Unit Dimension Indoor(WxDxH)	mm	1220×700×225	1220×700×225	1420×700×245	1420×700×245	1420×700×245	1700×700×245
Unit Dimension Outdoor(WxDxH)	mm	955×396×700	980×427×790	980×427×790	1107×440×1100	958×412×1349	958×412×1349
Net Weight(ID/OD)	kg	39/48	40/69	48/72	48/93	50/95	59/105

# Single Splits Specifications

Model Name	Set	Duct					
		YGEJZH018BAAMAGX	YGEJZH024BAAMAGX	YGEJZH030BAAMAGX	YGEJZH036BAAMAGX	YGEJZH042BAAMAGX	YGEJZH048BAAMAGX
		Outdoor	YGEJXH018BAAM-GX	YGEJXH024BAAM-GX	YGEJXH030BAAM-GX	YGEJXH036BAAM-GX	YGEJXH042BAAM-GX
Indoor	YGUJYH018BAAMA-X	YGUJYH024BAAMA-X	YGUJYH030BAAMA-X	YGUJYH036BAAMA-X	YGUJYH042BAAMA-X	YGUJYH048BAAMA-X	
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Cooling Capacity	Btu/h	17100	23800	28200	34000	39500	48000
Heating Capacity	Btu/h	18800	27200	31200	41000	44000	54500
Cooling Input Power	W	1550	2230	3300	3280	4150	5150
Heating Input Power	W	1650	2360	3100	3750	3900	5150
SEER/HSPF	Btu/h.W	16/9.5	16/9	16/9	16/9	16/9	16/9
Compressor Type	-	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary
Refrigerant	-	R410A	R410A	R410A	R410A	R410A	R410A
Air Flow Volume	m3/h	1000	1400	1400	2000	2000	2500
External static pressure	Pa	30	75	75	100	100	125
Refrigerant Pipe Size(Liq/Suc)	ømm	ø6 /ø12	ø9.52 /ø16	ø9.52 /ø16	ø9.52 /ø16	ø9.52 /ø16	ø9.52 /ø16
Unit Dimension Indoor(WxDxH)	mm	1037×721×266	1279×558×268	1279×558×268	1226×775×290	917×840×320	1340×750×350
Unit Dimension Outdoor(WxDxH)	mm	955×700×396	980×790×427	980×790×427	1107×1100×440	958×1349×412	958×1349×412
Net Weight(ID/OD)	kg	33/48	34/69	35/72	46/93	46/95	56/105

For more information about Mini Splits 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.

