

# Multi Inverter Free Indoor Units

YJU\_YH 014 to 045

A complete range from 4.1 kW to 11.8 kW



## Features

- High SEER & SCOP, Class A or more
- DC inverter compressor
- Free match indoor/outdoor
- Automatic restart
- ON/OFF timer
- Automatic air sweep
- Valve protection cover
- Single general valve design (25K/30K/34K)
- **Blue fin protection (indoor and outdoor units)**

## Remote controller



- Wireless
- 5 operation modes (Cool/Heat/Auto/Dry/Fan)
- Sleep mode
- On/Off timer
- Turbo cool/heat settings
- Fan speed selection
- Air flow direction setting
- LED display
- Lock button

## Indoor units



# Multi Inverter Free Indoor Units

YJU\_YH 014 to 045



## Technical features Outdoor units

Model		YJU_YH						
Outdoor units	Sizes	YJU2YH014	YJU2YH018	YJU3YH019	YJU4YH025	YJU4YH030	YJU5YH034	YJU5YH045
Indoor units	number	2 indoor units	2 indoor units	3 indoor units	4 indoor units	4 indoor units	5 indoor units	5 indoor units
Cooling capacity	kW	4.1 (1.2 ~ 4.5)	5.1 (1.3 ~ 5.8)	5.3 (1.5 ~ 7.0)	7.4 (1.5 ~ 9.0)	8.5 (1.5 ~ 9.8)	9.7 (1.5 ~ 11.0)	11.8 (1.5 ~ 13.4)
Heating capacity	kW	4.4 (1.5 ~ 5.0)	5.8 (1.9 ~ 6.6)	6.3 (1.8 ~ 8.1)	8.3 (1.8 ~ 9.5)	9.5 (1.8 ~ 10.5)	10.3 (1.8 ~ 11.5)	12.2 (1.8 ~ 14.0)
Compressor	Type (Nb)	Rotary Inverter (1)						
Refrigerant		R410A						
Location of expansion device		Outdoor unit						
Power supply	V/Ph/Hz	230 / 1 / 50 + E						
Power input	cooling kW	1.07	1.54	1.39	2.10	2.41	2.94	2.94
	heating kW	1.09	1.55	1.52	2.06	2.43	2.85	2.85
EER		3.83	3.31	3.8	3.5	3.5	3.3	3.09
SEER		6.1	6.1	6.6	6.6	6.6	6.6	6.6
COP		4.03	3.74	4.30	3.80	4.00	3.90	3.80
SCOP		4.0	4.0	4.0	4.0	4.0	4.0	3.8
Energy Class	cooling	A++	A++	A++	A++	A++	A++	A++
	heating	A+	A+	A+	A+	A+	A+	A
Airflow (outdoor unit)	m³/h	1 900	2 900	2 000	3 500	4 000	4 000	4 200
Sound pressure level	dB(A)	62	63	52	56	56	58	60
Dimensions outdoor unit	Height mm	540	688	688	840	840	840	830
	Width mm	780	810	886	948	948	948	1 008
	Depth mm	270	288	289	340	340	340	447
Net weight outdoor unit	kg	38	43.5	51	74	76	77	90
Piping	Type of connection	Flare						
	Diameter	Gas 3/8"	3/8"	3 x 3/8"	3 x 3/8" + 1 x 1/2"	3 x 3/8" + 1 x 1/2"	4 x 3/8" + 1 x 1/2"	3 x 3/8" + 2 x 1/2"
	Liquid	1/4"	1/4"	3 x 1/4"	4 x 1/4"	4 x 1/4"	5 x 1/4"	5 x 1/4"
Max pipe run *	Length m	30	30	50	70	70	80	100
	Height m	15	15	15	15	15	15	15
Refrigerant charge	g	1 200	1 400	2 000	3 100	3 200	3 400	3 200
Operating limits cooling mode	min/max	-10°C / +46°C						
Operating limits heating mode	min/max	-15°C / +24°C						

\* values for all the system (all indoor units connected)

Nominal cooling capacity based on : - Indoor Air Temp. 27°C DB / 19°C WB - Outdoor Air Temp. 35°C DB

Nominal heating capacity based on : - Indoor Air Temp. 21°C DB - Outdoor Air Temp. 7°C DB/6°C WB

Piping length : 5 m with initial charge (each indoor unit)



Manufacturer reserves the rights to change specifications without prior notice.

# Indoor units technical features



## High Wall

### Features

- Automatic restart
- Automatic air sweep

Indoor units		Sizes	YJHMXH				
			07 *	09 *	12	18	24
Cooling capacity		kW	2.0	2.7	3.6	5.2	7.0
Heating capacity		kW	2.2	2.8	3.7	5.8	7.5
Power supply		V/Ph/Hz	230 / 1 / 50 + E				
Indoor airflow		m <sup>3</sup> /h	600	600	650	900	1 200
Sound pressure level		H / M / L dB(A)	38 / 33 / 26	38 / 33 / 26	39 / 34 / 27	44 / 40 / 35	47 / 43 / 37
Dimensions		H / W / D mm	280 / 855 / 204	280 / 855 / 204	280 / 855 / 204	322 / 997 / 235	336 / 1115 / 248
Net Weight		kg	10	10	10	13	16
Piping		Type of connection	Flare				
		Diameter	Gas 3/8"	3/8"	3/8"	1/2"	5/8"
		Liquid	1/4"	1/4"	1/4"	1/4"	1/4"



### Features

- Floor/Ceiling
- Automatic air sweep

## Floor / Ceiling

Indoor units		Sizes	YHFMXH		
			12	18	24
Cooling capacity		kW	3.5	5.0	6.3
Heating capacity		kW	3.9	5.5	7.1
Power supply		V/Ph/Hz	230 / 1 / 50 + E		
Indoor airflow		m <sup>3</sup> /h	650	800	800
Sound pressure level		H / M / L dB(A)	41 / 37 / 33	44 / 41 / 36	48 / 45 / 42
Dimensions		H / W / D mm	665 / 990 / 199	665 / 990 / 199	665 / 990 / 199
Net Weight		kg	26.3	28.3	28.3
Piping		Type of connection	Flare		
		Diameter	Gas 3/8"	1/2"	5/8"
		Liquid	1/4"	1/4"	3/8"

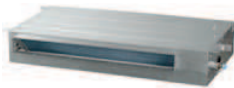


### Features

- Condensate pump included
- Automatic air sweep

## Cassette

Indoor units		Sizes	YHKMXH			
			09 *	12	18	24
Cooling capacity		kW	2.6	3.5	5.0	6.5
Heating capacity		kW	2.9	3.7	5.2	7.1
Power supply		V/Ph/Hz	230 / 1 / 50 + E			
Indoor airflow		m <sup>3</sup> /h	620	620	680	1 300
Sound pressure level		H / M / L dB(A)	40 / 36 / 32	40 / 36 / 32	42 / 37 / 35	46 / 44 / 39
Dimensions unit		H / W / D mm	260 / 570 / 570	260 / 570 / 570	260 / 570 / 570	240 / 840 / 840
Dimensions panel		H / W / D mm	60 / 700 / 700	60 / 700 / 700	60 / 700 / 700	60 / 950 / 950
Net weight		kg	17	18.5	18.5	26.8
Piping		Type of connection	Flare			
		Diameter	Gas 3/8"	3/8"	1/2"	5/8"
		Liquid	1/4"	1/4"	1/4"	3/8"



### Features

- Slim size
- Air filter included
- Wired control included

## Slim duct

Indoor units		Sizes	YH3MXH			
			09 *	12	18	24
Cooling capacity		kW	2.7	3.5	5.0	7.1
Heating capacity		kW	2.8	3.9	6.4	7.2
Power supply		V/Ph/Hz	230 / 1 / 50 + E			
Indoor airflow		m <sup>3</sup> /h	530	600	900	1 100
Static pressure		Pa	30	30	30	30
Sound pressure level		H / M / L dB(A)	33 / 29 / 26	35 / 31 / 27	36 / 30 / 26	39 / 32 / 29
Dimensions		H / W / D mm	185 / 850 / 420	185 / 850 / 420	185 / 1 170 / 420	185 / 1 170 / 420
Net Weight		kg	15.9	15.9	25	27
Piping		Type of connection	Flare			
		Diameter	Gas 3/8"	3/8"	1/2"	5/8"
		Liquid	1/4"	1/4"	1/4"	3/8"



### Features

- Air filter included
- Wired control included

## Duct

Indoor units		Sizes	YHDMXH			
			09 *	12	18	24
Cooling capacity		kW	2.5	3.5	5.0	6.8
Heating capacity		kW	2.9	4.0	5.5	7.1
Power supply		V/Ph/Hz	230 / 1 / 50 + E			
Indoor airflow		m <sup>3</sup> /h	550	550	850	1 200
Static pressure		Pa	25	25	25	25
Sound pressure level		H / M / L dB(A)	37 / 34 / 31	37 / 34 / 31	41 / 35 / 32	45 / 41 / 37
Dimensions		H / W / D mm	220 / 610 / 483	220 / 610 / 483	220 / 1 090 / 500	220 / 1 090 / 500
Net Weight		kg	14	14	23	24.5
Piping		Type of connection	Flare			
		Diameter	Gas 3/8"	3/8"	1/2"	5/8"
		Liquid	1/4"	1/4"	1/4"	3/8"

# Indoor unit combinations

YJU2YH014 (2x1)

Number connecting units		
2 x 1		
7+7		9+9
7+9		9+12
7+12		

YJU2YH018 (2x1)

Number connecting units		
2 x 1		
7+7		9+9
7+9		9+12
7+12		12+12

YJU3YH019 (3x1)

Number connecting units					
2 x 1			3 x 1		
7+7		9+12	7+7+7		7+9+12
7+9		9+18	7+7+9		7+12+12
7+12		12+12	7+7+12		9+9+9
7+18		12+18	7+7+18		9+9+12
9+9			7+9+9		9+12+12

YJU4YH025 (4x1)

Number connecting units						
2 x 1		3 x 1			4 x 1	
7+18	12+18	7+7+9	7+12+18	7+7+7+7	7+7+9+12	
7+24	12+24	7+7+12	9+9+9	7+7+7+9	7+9+9+9	
9+18	18+18	7+7+18	9+9+12	7+7+7+12	7+9+9+12	
9+24	18+24	7+7+24	9+9+18	7+7+7+18	9+9+9+9	
12+12		7+9+9	9+12+12	7+7+9+9	9+9+9+12	
		7+9+12	12+12+12			
		7+9+18	12+12+18			
		7+12+12				

YJU4YH030 (4x1)

Number connecting units						
2 x 1		3 x 1			4 x 1	
7+24	12+24	7+7+18	9+9+18	7+7+7+7	7+9+9+9	
9+18	18+18	7+7+24	9+9+24	7+7+7+9	7+9+9+12	
9+24	18+24	7+9+12	9+12+12	7+7+7+12	7+9+9+18	
12+18	24+24	7+9+18	9+12+18	7+7+7+18	7+9+12+12	
		7+9+24	9+12+24	7+7+7+24	7+12+12+12	
		7+12+12	12+12+12	7+7+9+9	9+9+9+9	
		7+12+18	12+12+18	7+7+9+12	9+9+9+12	
		7+12+24	12+12+24	7+7+9+18	9+9+12+12	
		9+9+9	12+18+18	7+7+9+24	9+9+12+18	
		9+9+12		7+7+12+12	9+12+12+12	
				7+7+12+18	12+12+12+12	

YJU5YH034 (5x1)

Number connecting units						
2 x 1	3 x 1		4 x 1		5 x 1	
7+18	7+7+12	9+9+12	7+7+7+7	7+9+9+9	7+7+7+7+7	7+7+9+9+9
7+24	7+7+18	9+9+18	7+7+7+9	7+9+9+12	7+7+7+7+9	7+7+9+9+12
9+18	7+7+24	9+9+24	7+7+7+12	7+9+9+18	7+7+7+7+12	7+9+9+9+9
9+24	7+9+9	9+12+12	7+7+7+18	7+9+12+12	7+7+7+9+9	9+9+9+9+9
12+18	7+9+12	9+12+18	7+7+7+24	7+12+12+12	7+7+7+9+12	9+9+9+9+12
12+24	7+9+18	9+12+24	7+7+9+9	9+9+9+9	7+7+7+12+12	9+9+9+12+12
18+18	7+9+24	12+12+12	7+7+9+12	9+9+9+12		
18+24	7+12+12	12+12+18	7+7+9+18	9+9+9+18		
24+24	7+12+18	12+12+24	7+7+9+24	9+9+12+12		
	7+12+24	12+18+18	7+7+12+12	9+12+12+12		
	9+9+9	18+18+18	7+7+12+18	12+12+12+12		

YJU5YH045 (5x1)

Number connecting units						
2 x 1	3 x 1		4 x 1		5 x 1	
7+18	7+7+12	9+9+18	7+7+7+7	7+9+9+18	7+7+7+7+7	7+7+7+12+24
7+24	7+7+18	9+9+24	7+7+7+9	7+9+9+24	7+7+7+7+9	7+7+9+9+9
9+18	7+7+24	9+12+12	7+7+7+12	7+9+12+12	7+7+7+7+12	7+7+9+9+12
9+24	7+9+9	9+12+18	7+7+7+18	7+12+12+12	7+7+7+7+24	7+7+9+9+18
12+18	7+9+12	9+12+24	7+7+7+24	9+9+9+9	7+7+7+9+9	7+7+9+9+24
12+24	7+9+18	12+12+12	7+7+9+9	9+9+9+12	7+7+7+9+12	9+9+9+9+9
18+18	7+9+24	12+12+18	7+7+9+12	9+9+9+18	7+7+7+9+18	9+9+9+9+12
18+24	7+12+12	12+12+24	7+7+9+18	9+9+9+24	7+7+7+9+24	9+9+9+9+18
24+24	7+12+18	12+18+18	7+7+9+24	9+9+12+12	7+7+7+12+12	9+9+9+12+12
	7+12+24	12+18+24	7+7+12+12	9+9+12+18	7+7+7+12+18	9+9+9+12+18
	9+9+9	18+18+18	7+7+12+18	9+12+12+12		
	9+9+12		7+7+12+24	9+12+12+18		
			7+9+9+9	9+12+12+24		
			7+9+9+12			