

These models are not currently available due to changes in compressor specifications, the new generation will be available by September 2011.

YRHJZC/H009/12/18/24BAHJAFX

Madeira High Wall DC Inverter R-410A 60Hz Series.



Product 09-24

- Modern design/Compact Shape
- Efficient cooling
- Low noise
- Air sweep



09/12/18/24

Controller

- Wireless version available
- 5 Operation modes (Auto/Cool/Heat/Dry/Fan)
- Sleep mode and Anti Cool Wind
- Multi Speeds fan control
- LCD display
- Clock display



Condensing Units

- Quiet operation
- High efficiency compressor
- Convenient installation
- Easy maintenance



09-12



18-24

Specification: Madeira High Wall DC Inverter R-410A 60Hz Series.

York Model name			YRHJZC009BAHJAFX	YRHJZC012BAHJAFX	YRHJZC018BAHJAFX	YRHJZC024BAHJAFX
Power supply		Ph-V-Hz	1-208/230-60	1-208/230-60	1-208/230-60	1-208/230-60
Cooling	Capacity (Min- Max)	Btu/h	9000(3800~11500)	12000(3300~12500)	18000(4500~21000)	22000(6400~24000)
	Input (Min- Max)	W	770(270~1220)	1160(260~1340)	1600(200~2600)	2200(300~2550)
	Current	A	3.68	5.48	8.1/7.3	11.5/10.5
	EER	Btu/w.h	11.69	10.34	11.25	10.00
	SEER	Btu/w.h	16.00	16.00	16.00	16.00
Heating	Capacity (Min- Max)	Btu/h	-	-	-	-
	Input (Min- Max)	W	-	-	-	-
	Current	A	-	-	-	-
	COP	Btu/w.h	-	-	-	-
	HSPF	Btu/w.h	-	-	-	-
Air Flow Volume(SH/H/M/L/SL)		m ³ /h	560	580	800/680/560/460/-	1000/800/700/600-
Application Area		m ²	12-18	16-24	23-34	27-42
Indoor Fan	Output	W	15	15	20	35
	RLA	A	0.19	0.19	0.31	0.31
	Capacitor	µF	1.2	1.2	1.5	2.5
	Speed(SH/H/M/L/SL)	r/min	1300/1100/900/700	1350/1150/950/750	1400/1150/1000/850/-	1350/1150/1000/850/-
Indoor Coil	Evaporator Form		Aluminum Fin-copper Tube			
	Pipe Diameter	mm	φ7	φ7	φ7	φ7
	Row-fin Gap	mm	2-1.4	2-1.4	2-1.4	2-1.5
	Coil Length (LXD _X W)	mm	610X24X294	610X24X294	657X304.8X25.4	765X342.9X25.4
Sound Pressure Level (SH/H/M/L/SL)		dB (A)	43/38/32/26	44/39/33/28/-	48/43/38/34/-	49/43/39/34/-
Sound Power Level (SH/H/M/L/SL)		dB (A)	53/48/42/36	54/49/43/38/-	58/53/48/44/-	59/53/49/44/-
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	RLA	A	5	6.1	8.4	8.4
	Input	W	600	600	1640	1640
	Overload Protector		CS-7SA	CS-7SA	1NT11L-3979	1NT11L-3979
Outdoor Coil	Condenser Form		Aluminum Fin-copper Tube			
	Pipe Diameter	mm	φ7	φ7	φ7	φ7
	Rows-fin Gap	mm	1-1.4	2-1.4	2-1.4	2-1.4
	Coil Length (LXD _X W)	mm	647X528X19.05	647X528X38.1	837x660x38.1	853X660X38.1
Outdoor Fan	Speed	rpm	930	930	690/500	690
	Output	W	21	21	60	60
	RLA	A	0.25	0.25	0.58	0.59
	Capacitor	µF	2	2	3.5	3.5
Refrigerant	Refrigerant		R410A	R410A	R410A	R410A
	Refrigerant Charge	kg	0.74	1	1.2	1.55
Connection Pipe	Length	m	7.5	7.5	7.5	7.5
	Gas Additional Charge	g/m	15	15	15	15
	Outer Diameter Liquid Pipe	mm	φ6	φ6	φ6	φ6
	Outer Diameter Gas Pipe	mm	φ9.52	φ9.52	φ12	φ12
	Max Distance Length	m	15	20	25	25
Operation Temp		°C	16°C~30°C	16°C~30°C	16°C~30°C	16°C~30°C
Ambient Temp (Cooling)		°C	18°C~48°C	18°C~48°C	10°C~48°C	10°C~48°C
Ambient Temp (Heating)		°C	--	--	--	-

Remark: The above design and specification are subject to change without prior notice for product improvement.

Rating Conditions	Cooling	Heating
Indoor Temperature	27°C DB/19°C WB	20°C DB/15°C WB
Outdoor Temperature	35°C DB/24°C WB	7°C DB/6°C WB

Specification: Madeira High Wall DC Inverter R-410A 60Hz Series.

York Model name			YRHJZH009BAHJAFX	YRHJZH012BAHJAFX	YRHJZH018BAHJAFX	YRHJZH024BAHJAFX
Power supply		Ph-V-Hz	1-208/230-60	1-208/230-60	1-208/230-60	1-208/230-60
Cooling	Capacity (Min- Max)	Btu/h	9000(3800~11500)	12000(3300~12500)	18000(4500~21000)	22000(6400~24000)
	Input (Min- Max)	W	770(270~1220)	1160(260~1340)	1620(200~2600)	2200(300~2550)
	Current	A	3.68	5.48	8.1/7.3	11.5/10.5
	EER	Btu/w.h	11.69	10.34	11.11	10.00
	SEER	Btu/w.h	16.00	16.00	16.00	16.00
Heating	Capacity (Min- Max)	Btu/h	9000(3300~11500)	12000(3400~12500)	23500(4000~23500)	26600(4100~26600)
	Input (Min- Max)	W	690(230~980)	950(260~1000)	2400(300~2400)	2800(320~2800)
	Current	A	3.30	4.35	11.8/10.6	13/12.8
	COP	Btu/w.h	13.04	12.63	10.70	9.50
	HSPF	Btu/w.h	8.50	8.50	8.50	9.50
Air Flow Volume(SH/H/ML/SL)		m ³ /h	560	580	800/680/560/460/-	1000/800/700/600/-
Application Area		m ²	12-18	16-24	23-34	27-42
Indoor Fan	Output	W	15	15	20	35
	RLA	A	0.19	0.19	0.31	0.31
	Capacitor	μF	1.2	1.2	1.5	2.5
	Speed(SH/H/ML/SL)	r/min	1300/1100/900/700	1350/1150/950/750	1400/1150/1000/850/-	1350/1150/1000/850/-
Indoor Coil	Evaporator Form		Aluminum Fin-copper Tube			
	Pipe Diameter	mm	φ7	φ7	φ7	φ7
	Row-fin Gap	mm	2-1.4	2-1.4	2-1.4	2-1.5
	Coil Length (LXDXW)	mm	610X24X294	610X24X294	657X304.8X25.4	765X342.9X25.4
Sound Pressure Level (SH/H/ML/SL)		dB (A)	43/38/32/26	44/39/33/28	48/43/38/34/-	49/43/39/34/-
Sound Power Level (SH/H/ML/SL)		dB (A)	53/48/42/36	54/49/43/38	58/53/48/44/-	59/53/49/44/-
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	RLA	A	6.3	6.6	8.4	8.4
	Input	W	600	600	1640	1640
	Overload Protector		CS-7SA	CS-7SA	1NT11L-3979	1NT11L-3979
Outdoor Coil	Condenser Form		Aluminum Fin-copper Tube			
	Pipe Diameter	mm	φ7	φ7	φ7	φ7
	Rows-fin Gap	mm	1-1.4	2-1.4	2-1.4	2-1.4
	Coil Length (LXDXW)	mm	647X528X19.05	647X528X38.1	837x660x38.1	853X660X38.1
Outdoor Fan	Speed	rpm	930	930	690/500	690
	Output	W	21	21	60	60
	RLA	A	0.25	0.25	0.58	0.59
	Capacitor	μF	2	2	3.5	3.5
Refrigerant	Refrigerant		R410A	R410A	R410A	R410A
	Refrigerant Charge	kg	0.74	1	1.25	1.55
Connection Pipe	Length	m	7.5	7.5	7.5	7.5
	Gas Additional Charge	g/m	20	20	20	20
	Outer Diameter Liquid Pipe	mm	φ6	φ6	φ6	φ6
	Outer Diameter Gas Pipe	mm	φ9.52	φ9.52	φ12	φ12
	Max Distance Length	m	15	20	25	25
Operation Temp		°C	16°C~30°C	16°C~30°C	16°C~30°C	16°C~30°C
Ambient Temp (Cooling)		°C	18°C~48°C	18°C~48°C	10°C~48°C	10°C~48°C
Ambient Temp (Heating)		°C	-7°C~24°C	-7°C~24°C	-15°C~24°C	-15°C~24°C

Remark: The above design and specification are subject to change without prior notice for product improvement.

Rating Conditions	Cooling	Heating
Indoor Temperature	27°C DB/19°C WB	20°C DB/15°C WB
Outdoor Temperature	35°C DB/24°C WB	7°C DB/6°C WB

