



INSTALL CONFIDENCE



**FLOOR CEILING 60HZ R-410A SEER16 INVERTER COOLING
ONLY & HEAT PUMP**
24Kbtu/h~55Kbtu/h

Indoor Unit

- Stylish design
- Flexibility in installation and cleaning
- Smooth air flow
- High efficient DC fan motor
- Plastic fan housing
- Enhanced heat exchanger
- Anti-condensation design for louver
- Metal frame for drain pan
- Fresh air inlet
- Built-in installed drain pump (Optional)
- Wired Controller (Optional)

Remote Control

- 5 Operation mode(Cooling/Heating/Auto/Fan/Dry)
- On/off timer
- Temperature setting
- Clock display
- SUPER Mode for fast cooling
- IFEEL Mode for intelligent environment temperature sensing
- SMART Mode for optimized temperature and fan speed setting
- QUIET Mode for quiet operation

Condensing Unit

- Quiet operation
- High flexibility and easy installation
- High efficient compressor
- High efficient DC fan motor
- Wide operation temperature range (-7~43°C)
- Enhanced heat exchanger
- Reliable running



JCRA31NEWH
(Standard)



JCSA21NEWH
(Optional)



The YORK® line of Floor ceiling Air Conditioners 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 remote control.

Features and Benefits



24-Hour Timer

Allows programmed start times up to 24 hours in advance for flexible and more convenient operation.



Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



Wide Ambient Temperature Range

High cooling/heating performance at wide ambient temperature range.



Self Diagnosis

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



Auto Restart

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



Refrigerant Leakage Detect

Unit will stop operation automatically and show failure code when the refrigerant charging amount is lower than 30%.



Quiet Operation

Unit has quiet mode which can reduce the fan speed and frequency of the compressor for a quiet and comfortable user experience.



DC Inverter Compressor

DC inverter compressor provides more comfortable operation environment, higher cooling and heating performance than fixed compressor.

Flexible for installation

The drain pan allows two installation ways, which can suit different room layout. Installation on the floor will prevent heat loss and installation on the ceiling will save space.



Installation on Floor



Installation on Ceiling

FLOOR CEILING 60HZ R-410A SEER16 INVERTER COOLING ONLY & HEAT PUMP

Specification (Cooling Only)

York set model		YFJN24BZXRMT1	YFJN36BZXRMT1	YFJN48BZXRMT1	YFJN55BZXRMT1	
York indoor model		YFJN24BXXRMT1	YFJN36BXXRMT1	YFJN48BXXRMT1	YFJN55BXXRMT1	
York outdoor model		YUJN24BYXNMTH1	YUJN36BYXNMTH1	YUJN48BYXNMTH1	YUJN55BYXNMTH1	
Power supply (Indoor)	V/Ph/Hz	220-230/1/60	220-230/1/60	220-230/1/60	220-230/1/60	
Power supply (Outdoor)	V/Ph/Hz	220-230/1/60	220-230/1/60	220-230/1/60	220-230/1/60	
Max. input	W	4,100	5,100	7,000	8,200	
Max. input current	A	18.1	22.5	32.0	37.3	
Cooling	Capacity	Btu/h	24,000	36,000	48,000	52,000
	Capacity(Range)	kW	7.03(2.700-7.850)	10.50(2.800-11.000)	14.07(3.100-16.100)	15.24(3.200-17.000)
	Input	W	2,400	4,390	6,400	7,560
	Current	A	10.7	19.6	28.6	33.4
	EER	W/W	2.93	2.39	2.20	2.02
	NOM SEER*	W/Btu	17.27	16.34	16.67	15.96
Indoor fan motor	Qty		1	1	1	1
	Output	W	100	181	181	181
	Type		DC	DC	DC	DC
	Speed(Hi/Med/Lo)	r/min	1,280/1,100/920	1,100/1,000/900	1,250/1,000/800	1,250/1,100/950
Indoor air flow Rated(Hi/Med/Lo)	m ³ /h	1,100/950/800	1,800/1,600/1,400	2,000/1,600/1,200	2,000/1,700/1,500	
Indoor air flow Rated(Hi/Med/Lo)	CFM	650/570/500	1,059/941/824	1,180/940/710	1,180/1,000/880	
Indoor noise level (Sound pressure) (Hi/Med/Lo)	dB(A)	51/48/45	52/50/47	53/48/42	53/50/47	
Indoor unit	Dimension (WxHxD)	mm	990×230×680	1,285×230×680	1,580×230×680	1,580×230×680
	Packing(WxHxD)	mm	1,100×350×820	1,400×350×820	1,690×350×820	1,690×350×820
	Net/Gross weight	kg	30/35	37/44	48/56	50/58
Drainage water pipe diameter	mm	ODØ25	ODØ25	ODØ25	ODØ25	
Controller		Remote control	Remote control	Remote control	Remote control	
Operation temperature	°C	16-30	16-30	16-30	16-30	
Qty'per 20' /40' /40'HQ (Indoor unit)	Set	84/168/196	66/132/153	42/84/98	42/84/98	
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Capacity	Btu/h	24,361	32,380	34,470	47,699
	Input	W	1,940	2,600	3,155	4,270
	Rated current(RLA)	A	8.9	5.1	13.2	12.0
	Refrigerant oil	ml	POE VG74/670	PQE VG74/1,000	α 68HES-H or equivalent /1,650	FV50S or PVE/1,400
Outdoor fan motor	Qty		1	1	2	2
	Output	W	61	121	121	121
	Type		DC	DC	DC	DC
Speed (Hi)	r/min	880	830	810	810	
Outdoor noise level (Sound pressure) Hi	dB(A)	53	56	56	57	
Throttle type		EEV	EEV	EEV	EEV	
Outdoor unit	Dimension(WxHxD)	mm	860×670×310	950×840×340	950×1,386×340	950×1,386×340
	Packing(WxHxD)	mm	990×730×450	1,110×910×460	1,110×1,530×460	1,110×1,530×460
	Net/Gross weight	kg	51/57	70/75	113/125	117/129
Refrigerant type/ Quantity	Type		R-410A	R-410A	R-410A	R-410A
	Charged volume	kg	1.70	2.80	3.78	3.95
Design pressure	MPa	4.15/1.6	4.15/1.6	4.15/1.6	4.15/1.6	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø9.52/Ø15.88(3/8"/5/8')	Ø9.52/Ø19.05(3/8"/3/4')	Ø9.52/Ø19.05(3/8"/3/4')	Ø9.52/Ø19.05(3/8"/3/4')
	Max. pipe length	m	50	50	50	50
	Max. difference in level	m	30	30	30	30
Ambient temperature	Cooling	°C	18-43	18-43	18-43	18-43
	Heating	°C	-7-24	-7-24	-7-24	-7-24
Qty'per 20' /40' /40'HQ (Outdoor unit)	Set	90/186/186	52/106/106	26/53/53	26/53/53	

Nominal testing conditions:

Cooling - Indoor 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) & Outdoor 95°F DB / 75.2°F WB (35°C DB / 24°C WB)

Heating - Indoor 68°F DB / 59°F WB (20°C DB / 15°C WB) & Outdoor 44.6°F DB / 42.8°F WB (7°C DB / 6°C WB)

*NOM SEER is from Mexico NOM lab test result.

FLOOR CEILING 60HZ R-410A SEER16 INVERTER COOLING ONLY & HEAT PUMP

Specification (Heat Pump)

York set model		YFKN24BZXRMT1	YFKN36BZXRMT1	YFKN48BZXRMT1	YFKN55BZXRMT1	
York indoor model		YFKN24BXXRMT1	YFKN36BXXRMT1	YFKN48BXXRMT1	YFKN55BXXRMT1	
York outdoor model		YUKN24BYXNMTH1	YUKN36BYXNMTH1	YUKN48BYXNMTH1	YUKN55BYXNMTH1	
Power supply (Indoor)	V/Ph/Hz	220-230/1/60	220-230/1/60	220-230/1/60	220-230/1/60	
Power supply (Outdoor)	V/Ph/Hz	220-230/1/60	220-230/1/60	220-230/1/60	220-230/1/60	
Max. input	W	4,100	5,100	7,000	8,200	
Max. input current	A	18.1	22.5	32.0	37.3	
Cooling	Capacity	Btu/h	24,000	36,000	48,000	52,000
	Capacity(Range)	kW	7.03(2.700-7.850)	10.50(2.800-11.000)	14.07(3.100-16.100)	15.24(3.200-17.000)
	Input	W	2,400	4,390	6,400	7,560
	Current	A	10.7	19.6	28.6	33.4
	EER	W/W	2.93	2.39	2.20	2.02
	NOM SEER*	W/Btu	17.27	16.34	16.67	15.96
Heating	Capacity	Btu/h	27,000	39,000	55,000	60,000
	Capacity(Range)	kW	7.91(2.770-9.200)	11.40(3.320-12.000)	16.12(3.300-18.000)	17.58(2.700-19.000)
	Input	W	2,400	3,880	5,600	6,310
Heating	Current	A	10.7	17.4	24.8	27.9
	COP	W/W	3.30	2.94	2.88	2.79
Indoor fan motor	Qty		1	1	1	1
	Output	W	100	181	181	181
	Type		DC	DC	DC	DC
	Speed(Hi/Med/Lo)	r/min	1,280/1,100/920	1,100/1,000/900	1,250/1,000/800	1,250/1,100/950
Indoor air flow Rated(Hi/Med/Lo)	m ³ /h	1,100/950/800	1,800/1,600/1,400	2,000/1,600/1,200	2,000/1,700/1,500	
Indoor air flow Rated(Hi/Med/Lo)	CFM	650/570/500	1,059/941/824	1,180/940/710	1,180/1,000/880	
Indoor noise level (Sound pressure) (Hi/Med/Lo)	dB(A)	51/48/45	52/50/47	53/48/42	53/50/47	
Indoor unit	Dimension (WxHxD)	mm	990×230×680	1,285×230×680	1,580×230×680	1,580×230×680
	Packing(WxHxD)	mm	1,100×350×820	1,400×350×820	1,690×350×820	1,690×350×820
	Net/Gross weight	kg	30/35	37/44	48/56	50/58
Drainage water pipe diameter	mm	ODØ25	ODØ25	ODØ25	ODØ25	
Controller		Remote control	Remote control	Remote control	Remote control	
Operation temperature	°C	16-30	16-30	16-30	16-30	
Qty'per 20' /40' /40'HQ (Indoor unit)	Set	84/168/196	66/132/153	42/84/98	42/84/98	
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	Capacity	Btu/h	24,361	32,380	34,470	47,699
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Outdoor fan motor	Qty		1	1	2	2
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Refrigerant type/ Quantity	Type		R-410A	R-410A	R-410A	R-410A
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Design pressure	MPa	4.15/1.6	4.15/1.6	4.15/1.6	4.15/1.6	
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	Max. pipe length	m	50	50	50	50
	Max. difference in level	m	30	30	30	30
Ambient temperature	Cooling	°C	18-43	18-43	18-43	18-43
	Heating	°C	-7-24	-7-24	-7-24	-7-24
Qty'per 20' /40' /40'HQ (Outdoor unit)	Set	90/186/186	52/106/106	26/53/53	26/53/53	

Nominal testing conditions:

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