



FLOOR CEILING R-410A 60HZ TOP DISCHARGE
YFFE(36-55)BNJ(V)MAT

FLOOR CEILING R-410A 60HZ TOP DISCHARGE

Indoor Unit

- Ceiling suspended or floor standing
- Dual direction of drainage
- Ultra-thin design
- LED display
- Wide range of air flow
- Universal spare parts make maintenance much easier
- Automatic up and down air swing
- Remote controller
- Wire controller(optional)



Remote Control

- Temp.range 16°C-31°C
- 5 operation modes:auto,cool,dry,heat,fan
- 24h timer setting
- Turbo cooling setting
- Vertical and horizontal auto swing setting
- Multi-speed auto/low/mid/high
- Sleep mode



Condensing Unit

- Universal design
- 24V communication connection
- High efficiency compressor and motor
- Multiple protection
- Anti-Rust(optional)
- Easier maintenance
- Easier installation
- Low noise



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.

FLOOR CEILING R-410A 60HZ TOP DISCHARGE

Features and benefits



Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



Washable Filter

Washable filter allows for convenient service and maintenance.



3-Minute Protection

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



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.



Self Diagnosis

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



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.

Specification

York Set Model			YFFE36BNJMATORX	YFFE48BNJMATSRX	YFFE48BNVMATSRX	YFFE55BNJMATSRX	YFFE55BNVMATORX
York Outdoor Model			YUFE36BMJMATO-X	YUFE48BMJMATS-X	YFFE48BMVMATS-X	YUFE55BMJMATS-X	YUFE55BMVMATO-X
York Indoor Model			YFFE36BVJMAT-RX	YFFE48BVJMAT-RX	YFFE48BVVMAT-RX	YFFE55BVJMAT-RX	YFFE55BVVMAT-RX
Indoor Power supply		V/Hz/Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph
Outdoor Power supply		V/Hz/Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph	208-230V/60Hz/3Ph	208-230V/60Hz/1Ph	208-230V/60Hz/3Ph
Cooling	Capacity	Btu/h	36000	48000	48000	55000	55000
	Capacity	W	10550	14063	14063	16119	16119
	Input	W	3588	5005	4680	5736	5756
	Rated current	A	16.5	24.50	13.00	28.60	14.80
	EER	W/W	2.94	2.81	3.00	2.81	2.80
Indoor fan motor	Input	W	159	159/154/152/150	222/190/175/160	159/154/152/150	159/154/152/150
	Running current	A	0.78	0.78/0.77/0.76/0.75	1.02/0.87/0.79/0.75	0.78/0.77/0.76/0.75	0.78/0.77/0.76/0.75
	Capacitor	µF	6.0	6.0	6.0	6.0	6.0
	Applied QTY.		2	2	2	2	2
	Speed (Hi/Me/Lo)	rpm	1330/1250/1175/1050	1330/1250/1175/1050	1480/1250/1175	1330/1250/1175/1050	1330/1250/1175/1050
Indoor air flow (Hi/Me/Lo)		m³/h	2200/1900/1700	2300/2100/1900/1700	2500/2300/2100	2300/2100/1900/1700	2300/2100/1900/1700
Indoor noise level (Hi/Me/Lo)		dB(A)	56/54/53	53/51/48	53/51/48	53/51/48	55/53/51
Indoor dimension	Unit (WxHxD)	mm	1635x675x235	1635x235x675	1635x235x675	1635x235x675	1635x235x675
	Packing (WxHxD)	mm	1710×748×305	1710×305×748	1710×305×748	1710×305×748	1710×305×748
Indoor weight	Net/Gross	kg	40/46	39.5/46.5	43.5/49.5	39.5/46.5	39.5/46.5
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
Refrigerant pipe	Liquid side/Gas side	mm	φ 9.52/ φ 19.05	φ 9.52/ φ 19.05	φ 9.52/ φ 19.05	φ 9.52/ φ 19.05	φ 9.52/ φ 19.05
Drainage water pipe diameter		mm	OD25	OD25	OD25	OD25	OD25
Operation temperature range		°C	16~31	16-31	16-31	16-31	16-31
Loading Qty	40HQ/40GP/20GP		165/133/63	165/133/63	165/133/63	165/133/63	165/133/63
Max. input consumption		W	4900	7500	6000	8000	6750
Max. current		A	23.0	36.0	18.0	40.0	22.0
Starting current		A	76.0	125.0	130.6	125.0	118.0
Max Operating Pressure(MPa)	Discharge	MPa	4.5	4.2	4.5	4.2	4.5
	Suction	MPa	1.5	1.5	1.2	1.5	1.5
Compressor	Type		Rotary	Scroll	Scroll	Scroll	Rotary
	Capacity	W	9950	14200	13010	15600	15600
	Input	W	3290	4950	4070	5750	5130
	Rated current(RLA)	A	15.9	24.5	12.9	29.1	15.4
	Locked rotor Amp(LRA)	A	76	124	131	/	118
	Thermal protector		internal	internal	/	internal	internal
	Capacitor	µF	60	60	/	60	/
	Refrigerant oil	ml	1100	1400	1242	1400	1600
Outdoor fan motor	Input	W	245	354	354	354	354
	Output	W	118	217	217	217	217
	Running current	A	1.12	1.63	1.63	1.63	1.63
	Capacitor	µF	6.0	12.0	12.0	12.0	12.0
	Speed	rpm	960	1100	1100	1100	1100
Outdoor air flow		m³/h	5000	6900	6900	6900	6900
Outdoor noise level		dB(A)	64	62	63	62	66
Outdoor dimension	Unit (WxHxD)	mm	600×759×600	740×843×740	740×759×740	740×843×740	740×843×740
	Packing (WxHxD)	mm	630×782×630	769×865×769	769×782×769	769×865×769	769×865×769
Outdoor weight	Net/Gross	kg	58.0/62.0	77/82	81.5/86.5	77/82	74/78
Refrigerant	Charge	g	3200	2600	4000	2350	2200
Throttle type			Throttle valve in indoor unit	Piston orifice in indoor unit	Piston orifice in indoor unit	Piston orifice in indoor unit	Piston orifice in indoor unit
Refrigerant pipe	Liquid side/Gas side	mm	φ 9.52/ φ 19.05	φ 9.52/ φ 19.05	φ 9.52/ φ 19.05	φ 9.52/ φ 19.05	φ 9.52/ φ 19.05
	Max. refrigerant pipe length	m	25	50	50	50	30
	Max. difference in level	m	15	30	30	30	20
Ambient temperature range	Cooling	°C	21~43	21~43	21~43	21~43	21~43
Loading Qty	40HQ/40GP/20GP		171/162/72	134/90/42	134/134/63	134/90/42	134/90/42

Nominal testing conditions:

Cooling-Indoor 80.60°F DB/66.2°F WB(27.00°C DB/19.00°C WB) & outdoor 95°F DB/75.20°F WB(35.00°C DB/24.00°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)



Johnson Controls, the Johnson Controls logo, YORK are registered trademarks of Johnson Controls, Inc in the United States of America and other countries. Other trademarks used herein may be trademarks or registered trademarks of other companies.

FOR MORE INFORMATION CONTACT JOHNSONCONTROLS.COM

© 2021 Johnson Controls, Inc, P.O. Box 423, Milwaukee, WI 53201, All rights reserved worldwide.

SNFFZCBAA-210930