

 **YORK**[®]
INSTALL CONFIDENCE



GRANDE FLOOR CEILING R-410A 60HZ TOP DISCHARGE
YFFE(36-60)BNTMAMORX

Indoor Unit

- Ceiling and Wall Installation Option
- Automatic Up and Down Air Swing
- Low noise
- Washable air filter
- High velocity air flow
- Auto Random Restart
- 2-way Drainage
- Follow me function
- Universal Spare Parts make maintenance much easier
- Fresh air intake (Optional)
- Drain pump (Optional)
- Wired controller (Optional)



Remote Control

- 5 operation modes: Auto, Cool, Dry, Heat, Fan only
- Multi-speed fan setting: High/Medium/Low/Auto
- 24-hour timer setting
- Turbo cool setting
- Background light LCD display
- Real-time clock display

Condensing Unit

- Compact size
- High efficiency compressor
- Low noise
- Valve protection



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



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.



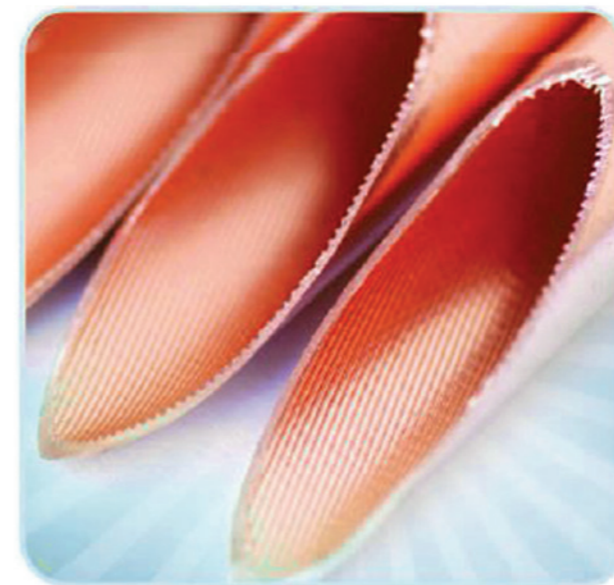
Auto Restart
Unit is automatically returned to previous operating conditions after a power outage, for simplified operation.



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 Number		YFFE36BNTMAMORX	YFFE36BNVMAMORX	YFFE48BNTMAMSRX	YFFE48BNVMAMSRX	YFFE60BNTMAMSRX	YFFE60BNVMAMSRX
York Indoor Model Number		YFFE36BVTMAM-RX	YFFE36BNVTMAM-RX	YFFE48BVTMAM-RX	YFFE48BNVTMAM-RX	YFFE60BVTMAM-RX	YFFE60BNVTMAM-RX
York Outdoor Model Number		YVFE36BMTMAMO-X	YVFE36BNMTMAMO-X	YVFE48BMTMAMS-X	YVFE48BNMTMAMS-X	YVFE60BMTMAMS-X	YVFE60BNMTMAMS-X
Outdoor Power Supply	V-Ph-Hz	220-230V,1Ph,60Hz	220-230V,3Ph,60Hz	220-230V,1Ph,60Hz	220-230V,3Ph,60Hz	220-230V,1Ph,60Hz	220-230V,3Ph,60Hz
Indoor Power supply	V-Ph-Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz
Max. input consumption	W	5400	5000	6500	6250	7625	7700
Max. current	A	25.5	15.0	30.7	18.1	34.6	23.4
Cooling (T1)	Capacity	Btu/h	36000	36000	48000	48000	60000
	Input	W	3874	3874	5410	5410	6760
	EER	W/W	2.72	2.72	2.6	2.6	2.6
Indoor fan motor	Qty		1	1	2	2	2
	Input	W	236.0	236.0	166.0	166.0	166.0
	Capacitor	µF	5	5	2.5	2.5	2.5
	Speed(Hi/Mi/Lo)	r/min	1263/1123/1000	1263/1123/1000	1400/1220/1090	1400/1220/1090	1400/1220/1090
Indoor air flow (Hi/Mi/Lo)	m ³ /h	1722/1459/1281	1722/1459/1281	2300/1900/1700	2300/1900/1700	2548/2104/1790	2548/2104/1790
Sound level (sound pressure)	dB(A)	53.0/49.1/46.5	53.0/49.1/46.5	56/52/48	56/52/48	56.7/52.1/48.5	56.7/52.1/48.5
Throttle type		Throttle valve	Throttle valve	Throttle valve	Throttle valve	Throttle valve	Throttle valve
Indoor unit	Dimension(W*D*H)	mm	1285x675x235	1285x675x235	1650x675x235	1650x675x235	1650x675x235
	Packing (W*D*H)	mm	1360x755x313	1360x755x313	1725x755x313	1725x755x313	1725x755x313
	Net/Gross weight	Kg	31.3/37	31.3/37	37/43	37/43	39/45
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Drainage water pipe dia.	mm	ODØ25mm	ODØ25mm	ODØ25	ODØ25	ODØ25mm	ODØ25mm
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")
Controller		Remote control	Remote control	Remote control	Remote control	Remote control	Remote control
Operation temperature	°C	17-30	17-30	17-30	17-30	17-30	17-30
Room temperature	Cooling	°C	17~32	17~32	17-32	17~32	17~32
Qty'per 20' /40' /40'HQ	Indoor unit		92/188/213	92/188/213	72/147/167	72/147/167	72/147/167
Compressor	Type		ROTARY	ROTARY	SCROLL	SCROLL	SCROLL
	Capacity	W	10450	10350	14400	14400	15800
	Input	W	3480	3400	4540	4537	5650
	Rated current(RLA)	A	17.0	10.9	25.1	18.7	25.8
	Locked rotor Amp(LRA)	A	89	81	138.0	136.8	139.0
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	µF	80.0	/	80.0	/	60.0
	Refrigerant oil/oil charge	ml	α 68HES-H or equivalent/880ml	α 68HES-H or equivalent/880ml	3MAF POE/1242	3MAF POE/1242	FV68S or Equivalent/1400
Outdoor fan motor	Qty		1	1	1	1	1
	Input	W	300.0	300.0	318.0	318.0	318.0
	Capacitor	µF	6	6	12	12	12
	Speed	r/min	1100	1100	1095	1095	1095
Outdoor air flow		4500	4500	7400	7400	0	6500
Outdoor noise level	dB(A)	65.5	65.5	64.7	59.6	64.4	64.4
Outdoor unit	Dimension(W*D*H)	mm	600x600x759	600x600x759	710x710x759	710x710x759	710x710x843
	Packing (W*D*H)	mm	628x628x794	628x628x794	738x738x794	738x738x794	738x738x872
	Net/Gross weight	Kg	57.8/61.4	56.8/60.6	71.8/76.1	69.7/74	80/85
Refrigerant type	Type		R410A	R410A	R410A	R410A	R410A
	Charged volume	Kg	1.9	1.9	2.2	2.3	2.2
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.8/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")
	Max. refrigerant pipe length	m	30	30	50	50	50
	Max. difference in level	m	20	20	30	30	30
Room temperature	Cooling	°C	18~43	18~43	18~43	18~43	18~43
Qty'per 20' /40' /40'HQ	Outdoor unit		54/114/171	54/114/171	42/96/144	42/96/144	42/96/142

Nominal testing conditions:

Cooling-Indoor 80.06°F DB/66.92°F WB(26.70°C DB/19.40°C WB) & outdoor 95°F DB/75.02°F WB (35.00°C DB/23.90°C WB)
 Heating-Indoor 69.98°F DB/60.08°F WB(21.10°C DB/15.60 °C WB) & outdoor 46.94°F DB/42.98°F WB (8.30°C DB/6.10°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

© 2017 Johnson Controls, Inc, P.O. Box 423, Milwaukee, WI 53201, All rights reserved worldwide.

YFFE(36-60)BNTMAMORX-170907