



US DUCT 60HZ R-410A
YSFE (36-60) BNTMAMO (S)

Indoor Unit

- Auto Random Restart
- Low noise
- Washable air filter
- 24V low voltage control
- Easy maintenance
- Wireless controller (Optional)

Condensing Unit

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



The YORK® line of AHU Air conditioners includes a wide range of sizes to give you more flexibility in your product offering. Each model is designed to provide comfort and efficiency, in an easy-to-operate unit and the sleek design fits a variety of spaces, whether it's in a home or office. 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.

Features and benefits



Self Diagnosis

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



Washable Filter

Washable filter allows for convenient service and maintenance.



24-Hour Timer

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



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.



Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



Golden fin (indoor)

The unique anticorrosive golden coating on the heat exchangers can withstand the salty air, rain and other corrosive elements. It also effectively prevents bacteria from breeding and improves heat efficiency.

Specification

York Set Model Number		YSFE36BNTMAMO-4	YSFE36BNVMAMO-4	YSFE48BNTMAMS-4	YSFE48BNVMAMS-4	YSFE60BNTMAMS-4	YSFE60BNVMAMS-4
York Indoor Model Number		YSFE36BVTMAM--4	YSFE36BVTMAM--4	YSFE48BVTMAM--4	YSFE48BVTMAM--4	YSFE60BVTMAM--4	YSFE60BVTMAM--4
York Outdoor Model Number		YVFE36BMTMAMO-4	YVFE36BMVMAMO-X	YVFE48BMTMAMS-1	YVFE48BMVMAMS-1	YVFE60BMTMAMS-X	YVFE60BMVMAMS-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	4154	7625	7700	7625	7700
Max. current	A	25.5	15.00	34.6	23.4	34.6	23.4
Cooling (T1)	Capacity	Btu/h	35000	36000	48000	48000	55000
	Input	W	4022	4262	5410	5410	6199
	current	A	18.28	11.18	29.10	17.32	17.32
	EER	W/W	2.55	2.48	2.60	2.60	2.55
Indoor fan motor	Qty		1	1	1	1	1
	Input	W	660.0	660.0	660.0	660.0	660.0
	Capacitor	µF	10	10	10	10	10
	Speed (Hi/Mi/Lo)	r/min	970	970	970	970	970
Indoor air flow (Hi/Mi/Lo)	m³/h	2600	2600	2600	2600	2600	2600
ESP	Rated	Pa	50	50	50	50	50
	Range	Pa	0-160	0-160	0-160	0-160	0-160
Sound level (sound pressure)	dB(A)	54.80	54.80	54.80	54.30	54.80	54.30
Throttle type		Throttle valve	Throttle valve	Throttle valve	Throttle valve	Throttle valve	Throttle valve
Indoor unit	Dimension (W*D*H)	mm	534x534x1245	534x534x1245	534x534x1245	534x534x1245	534x534x1245
	Packing (W*D*H)	mm	640x620x1380	640x620x1380	640x620x1380	640x620x1380	640x620x1380
	Net/Gross weight	Kg	61.7/74.6	61.7/74.6	61.7/74.6	61.7/74.6	61.7/74.6
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	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ 9.52/ Φ 19(3/8"/3/4")	Φ 9.52/ Φ 19(3/8"/3/4")	Φ 9.52/ Φ 19(3/8"/3/4")	Φ 9.52/ Φ 19(3/8"/3/4")	Φ 9.52/ Φ 19(3/8"/3/4")
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
Compressor	Type		ROTARY	ROTARY	SCROLL	SCROLL	SCROLL
	Brand		GMCC	HITACHI	SANYO	SANYO	SANYO
	Capacity	W	/	10350	15600/15800	16000/16100	15600/15800
	Input	W	/	3400	5700/5650	5400/5500	5700/5650
	Rated current (RLA)	A	15.8 ±3% A	10.9	28.5/25.8	17.6/18.1	28.5/25.8
	Locked rotor Amp (LRA)	A	at 1 Φ ~240V-60Hz ±10% 80 A	81	139.0	153.0	139.0
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	µF	/	/	60.0	60.0	60.0
	Refrigerant oil/oil charge	ml	VG75 1000 ±15 ml	α 68HES-H or equivalent/880	FV68S/1400	FV68S/1700	FV68S/1400
Outdoor fan motor	Qty		1	1	1	1	1
	Input	W	300	300.0	318.0	318.0	318.0
	Capacitor	µF	6	6	12	12	/
	Speed	r/min	1100	1100	1095	1095	1095
Outdoor air flow	m³/h	4500	4500	6500	6500	6500	6500
Outdoor noise level	dB(A)	65	65.5	64.7	64.4	64.7	64.4
Outdoor unit	Dimension(W*D*H)	mm	600x600x759	600x600x759	710x710x843	710x710x843	710x710x843
	Packing (W*D*H)	mm	628x628x794	628x628x794	738x738x872	738x738x872	738x738x872
	Net/Gross weight	Kg	55.3/59	56.8/60.6	80/85	78.2/82.8	80/85
Refrigerant type	Type		R410A	R410A	R410A/2.2	R410A/2.2	R410A/2.2
	Charged volume	Kg	1.9	1.9	2.2	2.2	2.2
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
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ 9.52/ Φ 19(3/8"/3/4")	Φ 9.52/ Φ 19(3/8"/3/4")	9.52mm(3/8")/19mm(3/4")	9.52mm(3/8")/19mm(3/4")	9.52mm(3/8")/19mm(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	42/96/142	42/96/142	42/96/142

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)



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