



CASSETTE R-410A 60HZ 2.8 EER
YKFE(18-60)BZT(S)M-MO(S)R1

CASSETTE R-410A 60HZ 2.8 EER

Indoor Unit

- Auto Random Restart
- 360° Air outlet
- Low noise
- Super slim design
- Build-in Drain pump
- Washable air filter
- Follow me function
- Fresh air intake
- Easy clean design
- 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
- More sturdy and durable
- High efficiency compressor
- Low noise
- 3-minute protection
- Valve protection
- Easier installation
- Easier maintenance
- Universal design

The YORK® line of Cassette 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. And comfort control settings are easily changed with the touch of a button on the remote control.

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.



Built-in Drain Pump

Built-in drain pump can pump condensation to a high level, which facilitates draining condensation from indoor unit and makes installation easier.



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.



3-Minute Protection

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



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			YKFE18BZTM-MOR1	YKFE24BZTM-MOR1	YKFE36BZTM-MOR1	YKFE48BZTM-MSR1
YORK Indoor Model			YKFE18BXTM-M-R1	YKFE24BXTM-M-R1	YKFE36BXTM-M-R1	YKFE48BXTM-M-R1
YORK Outdoor Model			YUFE18BYTM-MO-X	YUFE24BYTM-MO-X	YUFE36BYTM-MO-X	YUFE48BYTM-MS-1
Power supply (Indoor)		V- Ph-Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz
Power supply (Outdoor)		V- Ph-Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz
Max. input consumption		W	2500	3500	5000	6250
Max. current		A	11.5	16	24	30.5
Cooling	Capacity	W	4930	7020	10230	12820
	Capacity	Btu/h	16821	23952	34905	43742
	Input	W	1730	2507	3654	4662
	Rated current	A	7.9	11.5	16.95	21.62
	EER	W/W	2.85	2.80	2.80	2.75
Indoor fan motor	Qty		1	1	1	1
	Input	W	81.0	242.0	242.0	242.0
	Capacitor	μF	2.5	3.5	4.5	4.5
	Speed(Hi/Mi/Lo)	r/min	650/580/510/430	780/715/600/550	780/600/550	780/715/600/550
Indoor air flow (Hi/Mi/Lo)		m³/h	914/777/640	1488/1194/1086	1901/1430/1306	1891/1426/1310
Indoor noise level (Hi/Mi/Lo)		dB(A)	46.9/41.3/39	48.5/45.7/44.3	52.8/46.2/44.9	53.6/46.3/45.2
Throttle type		/	Throttlevalve	Throttlevalve	Throttlevalve	Throttlevalve
Indoor unit	Dimension (WxDxH)(body)	mm	840x840x205	840x840x245	840x840x287	840x840x287
	Packing (WxDxH)(body)	mm	955x955x217	900x900x265	955x955x307	900x900x307
	Dimension (WxDx H)(panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (W x Dx H)(panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg	23/26.4	25.6/29.4	30.3/34	30.1/34
	Net/Gross weight(panel)	kg	5/8	5/8	5/8	5/8
Drainage water pipe dia		mm	OD Φ 32mm	OD Φ 32mm	OD Φ 32mm	OD Φ 32mm
Operation temperature		°C	17~30	17~30	17~30	17~30
Room temperature		°C	17~32	17~32	17~32	17~32
Qty'per 20' /40' /40'HQ		Indoor unit	120/240/264	128/268/294	100/212/238	100/212/238
Compressor	Type		ROTARY	ROTARY	ROTARY	SCROLL
	Capacity	W	5155	7300	10150	14300
	Input	W	1660	2315	3310	4540
	Rated current(RLA)	A	7.35	10.25	15.5	25.1
	Locked rotor Amp(LRA)	A	41.9	62	86	138.0
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	μF	40.0	60	45	80.0
Refrigerant oil/oil charge		ml	ESTEL OIL VG74/420	ESTER OIL VG74/700	FV50S/750	3MA F POE/1242
Outdoor fan motor	Qty		1	1	1	2
	Input	W	136.0	136.0	270.0	164.0
	Capacitor	μF	3	3	10	3.5UF/450V
	Speed	r/min	930	930	830	815
Outdoor air flow		m³/h	2800	2800	5100	6500
Outdoor noise level		dB(A)	57.0	59.0	63.0	62.0
Outdoor unit	Dimension(W*D*H)	mm	845x363x702	845x363x702	946x410x810	900x350x1170
	Packing (W*D*H)	mm	965x395x765	965x395x765	1090x500x875	1032x443x1307
	Net/Gross weight	Kg	42.2/45.4	47.9/51.4	67.2/73	90.1/101.7
Refrigerant type		Kg	R410A/1.2	R410A/1.35	R410A/2.5	R410A/3.4
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/22mm(7/8in)
	Max. refrigerant pipe length	m	25	25	30	50
	Max. difference in level	m	15	15	20	30
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Ambient temperature		°C	18~43	18~43	18~43	18~43
Qty'per 20' /40' /40'HQ		Outdoor unit	102/215/216	102/215/216	44/96/138	27/57/108

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Specification

YORK Set Model			YKFE60BZTM-MSR1	YKFE36BZSM-MOR1
YORK Indoor Model			YKFE60BXTM-M-R1	YKFE36BXTM-M-R1
YORK Outdoor Model			YUFE60BYTM-MS-1	YUFE36BYSM-MO-1
Power supply (Indoor)		V- Ph-Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz
Power supply (Outdoor)		V- Ph-Hz	220-230V,1Ph, 60Hz	220V,3Ph, 60Hz
Max. input consumption		W	7150	5490
Max. current		A	36.0	17.3
Cooling	Capacity	W	14300	10230
	Capacity	Btu/h	48792	34905
	Input	W	5200	3654
	Rated current	A	24.12	9.78
Indoor fan motor	EER	W/W	2.75	2.80
	Qty		1	1
	Input	W	242.0	242.0
	Capacitor	μF	4.5	4.5
Speed(Hi/Mi/Lo)		r/min	780/715/600/550	780/600/550
Indoor air flow (Hi/Mi/Lo)		m³/h	1800/1600/1400	1901/1430/1306
Indoor noise level (Hi/Mi/Lo)		dB(A)	53.9/48.1/47	52.8/46.2/44.9
Throttle type		/	Throttlevaive	Throttlevaive
Indoor unit	Dimension (WxDxH)(body)	mm	840x840x287	840x840x287
	Packing (WxDxH)(body)	mm	900x900x307	955x955x307
	Dimension (WxDxH)(panel)	mm	950x950x55	950x950x55
	Packing (W x DxH)(panel)	mm	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg	30.4/35.3	30.3/34
	Net/Gross weight(panel)	kg	5/8	5/8
Drainage water pipe dia		mm	OD Φ 32mm	OD Φ 32mm
Operation temperature		°C	17-30	17-30
Room temperature		°C	17~32	17~32
Qty' per 20' /40' /40'HQ		Indoor unit	100/212/238	100/212/238
Compressor	Type		SCROLL	ROTARY
	Capacity	W	16800	10350
	Input	W	5460	3400
	Rated current(RLA)	A	25.6	10.9
	Locked rotor Amp(LRA)	A	178.0	81
	Thermal protector position		INTERNAL	INTERNAL
	Capacitor	μF	80.0	/
Refrigerant oil/oil charge		ml	3MAF POE/1242	α 68HES-H or equivalent/880ml
Outdoor fan motor	Qty		2	1
	Input	W	143.0	270.0
	Capacitor	μF	5	6
	Speed	r/min	860	830
Outdoor air flow		m³/h	7200	5100
Outdoor noise level		dB(A)	62.0	62
Outdoor unit	Dimension(W*D*H)	mm	952x415x1333	946x410x810
	Packing (W*D*H)	mm	1095x495x1480	1090x500x875
	Net/Gross weight	Kg	110.4/123	66.1/70.6
Refrigerant type		Kg	R410A/4.1	R410A/2.5
Design pressure		MPa	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/22mm(7/8in)	9.52mm(3/8in)/19mm(3/4in)
	Max. refrigerant pipe length	m	50	30
	Max. difference in level	m	30	20
Thermostat type			Remote Control	Remote Control
Ambient temperature		°C	18~43	18~43
Qty' per 20' /40' /40'HQ		Outdoor unit	22/48/48	44/96/142

Specification

YORK Set Model			YKFE48BZSM-MSR1	YKFE60BZSM-MSR1
YORK Indoor Model			YKFE48BXTM-M-R1	YKFE60BXTM-M-R1
YORK Outdoor Model			YUFE48BYSM-MS-1	YUFE60BYSM-MS-1
Power supply (Indoor)		V- Ph-Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz
Power supply (Outdoor)		V- Ph-Hz	220V,3Ph, 60Hz	220V,3Ph, 60Hz
Max. input consumption		W	6250	7150
Cooling	Max. current	A	30.5	20.5
	Capacity	W	12820	14300
	Capacity	Btu/h	43742	48792
	Input	W	4662	5200
	Rated current	A	12.48	13.93
	EER	W/W	2.75	2.75
Indoor fan motor	Qty		1	
	Input	W	242.0	242.0
	Capacitor	μF	4.5	4.5
	Speed(Hi/Mi/Lo)	r/min	780/715/600/550	780/715/600/550
Indoor air flow (Hi/Mi/Lo)		m³/h	1891/1426/1310	1800/1600/1400
Indoor noise level (Hi/Mi/Lo)		dB(A)	53.6/46.3/45.2	53.5/49.2/48.6
Throttle type		/	Throttlevalve	Throttlevalve
Indoor unit	Dimension (WxDxH)(body)	mm	840x840x287	840x840x287
	Packing (WxDxH)(body)	mm	900x900x307	900x900x307
	Dimension (WxDx H)(panel)	mm	950x950x55	950x950x55
	Packing (W x Dx H)(panel)	mm	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg	30.1/34	30.4/35.3
	Net/Gross weight(panel)	kg	5/8	5/8
Drainage water pipe dia		mm	OD Φ 32mm	OD Φ 32mm
Operation temperature		°C	17~30	17~30
Room temperature	Cooling	°C	17~32	17~32
	Qty'per 20' /40' /40'HQ	Indoor unit	100/212/238	100/212/238
Compressor	Type		SCROLL	SCROLL
	Capacity	W	14400	16900
	Input	W	4580	5320
	Rated current(RLA)	A	18.7	15.2
	Locked rotor Amp(LRA)	A	136.8	136
	Thermal protector position		INTERNAL	INTERNAL
	Capacitor	μF	/	/
Outdoor fan motor	Refrigerant oil/oil charge	ml	3MAF POE/1242	3MAF POE/1242
	Qty		2	2
	Input	W	164.0	143.0
	Capacitor	μF	3.5UF/450V	5
Outdoor unit	Speed	r/min	815	860
	Outdoor air flow	m³/h	6500	7200
	Outdoor noise level	dB(A)	62	60.9
Outdoor unit	Dimension(W*D*H)	mm	900x350x1170	952x415x1333
	Packing (W*D*H)	mm	1032x443x1307	1095x495x1480
	Net/Gross weight	Kg	87.5/99	109.1/121.6
Refrigerant type		Kg	R410A/3.4	R410A/4.1
Design pressure		MPa	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/22mm(7/8in)	9.52mm(3/8in)/22mm(7/8in)
	Max. refrigerant pipe length	m	50	50
	Max. difference in level	m	30	30
Thermostat type			Remote Control	Remote Control
Ambient temperature	Cooling	°C	18~43	18~43
	Qty'per 20' /40' /40'HQ	Outdoor unit	27/57/108	22/48/48

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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YKFE(18-60)BZT(S)M-MO(S)R1-190909