



INSTALL CONFIDENCE



MID STATIC PRESSURE DUCT COOLING ONLY

60HZ R-410A 2.8 EER

YEFE(18-60)BZT(S)M-MO(S)W1

Indoor Unit

- Auto Random Restart
- Low noise
- Washable air filter
- High velocity air flow
- Easy maintenance
- Reserved remote on-off and alarm ports
- Drain pump (Optional)
- Wireless 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
- Big LCD display
- Auto-Restart function



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 MSP duct 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



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.



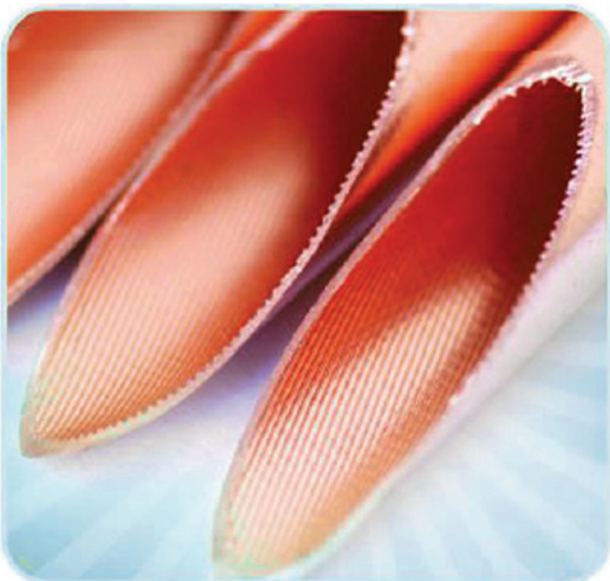
24-Hour Timer

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			YEFE18BZTM-MOW1	YEFE24BZTM-MOW1	YEFE36BZTM-MOW1	YEFE48BZTM-MSW1
YORK Indoor Model			YEFE18BXTM-M-W1	YEFE24BXTM-M-W1	YEFE36BXTM-M-W1	YEFE48BXTM-M-W1
YORK Outdoor Model			YUFE18BYTM-MO-X	YUFE24BYTM-MO-X	YUFE36BYTM-MO-X	YUFE48BYTM-MS-1
Indoor Power supply	V-ph-Hz		220-230-1-60	220-230-1-60	220-230-1-60	220-230-1-60
Outdoor Power supply	V-Ph-Hz		220-230-1-60	220-230-1-60	220-230-1-60	220-230-1-60
Max. input consumption	W		2500	3500	5000	6250
Max. current	A		11.5	16	24	30.5
Cooling	Capacity	W	5260	6835	9980	13900
	Input	W	1814	2485	3629	4826
	Rated current	A	8.30	11.38	16.83	22.39
	EER	W/W	2.9	2.75	2.75	2.88
Indoor fan motor	Qty		1	1	1	1
	Input	W	163.0	253.0	253.0	640
	Capacitor	µF	3.5	5	8	20
	Speed(Hi/Med/Lo)	r/min	760/640/570	900/750/650	1050/750/650	1040/900/800
Indoor air flow (Hi/Med/Lo)	m ³ /h		901/771/666	1790/1537/1348	1718/1218/1029	2691/2310/2021
ESP	Rated	Pa	25	25	37	50
	Range	Pa	0-100	0-160	0-160	0-160
Indoor noise level (Hi/Med/Lo)	dB(A)		44/41/38	41/38/36	49/42/40	55/52/48
Throttle type			Throttle valve	Throttle valve	Throttle valve	Throttle valve
Indoor unit	Dimension (WxDxH)	mm	880x674x210	1100x774x249	1100x774x249	1200x874x300
	Packing(WxDxH)	mm	1070x725x270	1305x805x305	1305x805x305	1405x915x355
	Net/Gross weight	kg	24/29.8	32.6/40	34/41.3	47.8/56.8
Design pressure	MPa		4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Drainage water pipe diameter	mm		OD Φ25	OD Φ25	OD Φ25	OD Φ25
Refrigerant piping	Liquid side/ Gas side	mm	Φ 6.35/ Φ 12.7(1/4"/1/2")	Φ 9.52/ Φ 15.9(3/8"/5/8")	Φ 9.52/ Φ 19(3/8"/3/4")	Φ 9.52/ Φ 22(3/8"/7/8")
Controller			Wired control	Wired control	Wired control	Wired control
Operation temperature	°C		17-30	17-30	17-30	17-30
Room temperature	Cooling	°C	17~32	17~32	17~32	17~32
Qty'per 20' /40' /40'HQ	Indoor		120/264/297	77/161/184	77/161/184	62/130/149
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
Refrigerant oil	ml	ESTEL OIL VG74/420	ESTER OIL VG74/700	FV50S/750	3MAF 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	930/830	930/830	830/780	815
Outdoor air flow	m ³ /h		2800	2800	5100	6500
Outdoor noise level (sound pressure)	dB(A)		57	59	63	62
Outdoor unit	Dimension(WxDxH)	mm	845x363x702	845x363x702	946x410x810	900x350x1170
	Packing (WxDxH)	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		R410A	R410A	R410A	R410A
	Charged volume	kg	1.2	1.35	2.5	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	Φ 6.35/ Φ 12.7(1/4"/1/2")	Φ 9.52/ Φ 15.9(3/8"/5/8")	Φ 9.52/ Φ 19(3/8"/3/4")	Φ 9.52/ Φ 22(3/8"/7/8")
	Max. refrigerant pipe length	m	25	25	30	50
	Max. difference in level	m	15	15	20	30
Ambient temperature	Cooling	°C	18~43	18~43	18~43	18~43
Qty'per 20' /40' /40'HQ	(outdoor unit)		102/215/216	102/215/216	44/96/144	27/57/108

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Specification

YORK Set Model			YEFE60BZTM-MSW1	YEFE36BZSM-MOW1
YORK Indoor Model			YEFE60BXTM-M-W1	YEFE36BXTM-M-W1
YORK Outdoor Model			YUFE60BYTM-MS-1	YUFE36BYSM-MO-1
Indoor Power supply		V-ph-Hz	220-230-1-60	220-230-1-60
Outdoor Power supply		V-Ph-Hz	220-230-1-60	220V,3Ph 60Hz
Max. input consumption		W	6800	5490
Max. current			A	30
			A	17.3
Cooling	Capacity	W	16550	9980
	Input	W	5911	3629
	Rated current	A	27.42	9.72
	EER	W/W	2.80	2.75
Indoor fan motor	Qty		1	1
	Input	W	640	253.0
	Capacitor	µF	20	8
Speed(Hi/Med/Lo)		r/min	1000/900/800	1050/750/650
Indoor air flow (Hi/Med/Lo)		m ³ /h	2777/2351/2005	1718/1218/1029
ESP	Rated	Pa	50	37
	Range	Pa	0-160	0-160
Indoor noise level (Hi/Med/Lo)		dB(A)	55/52/50	49/42/40
Throttle type			Throttle valve	Throttle valve
Indoor unit	Dimension (WxDxH)	mm	1200x874x300	1100x774x249
	Packing(WxDxH)	mm	1405x915x355	1305x805x305
	Net/Gross weight	kg	47.8/56.8	34/41.3
Design pressure		MPa	4.2/1.5	4.2/1.5
Drainage water pipe diameter		mm	OD Φ25	OD Φ25
Refrigerant piping	Liquid side/ Gas side	mm	Φ 9.52/ Φ 22(3/8"/7/8")	Φ 9.52/ Φ 19(3/8"/3/4")
Controller			Wired control	Wired control
Operation temperature		°C	17-30	17-30
Room temperature	Cooling	°C	17~32	17~32
	Qty'per 20' /40' /40'HQ	Indoor	62/130/149	77/161/184
Compressor	Type		SCROLL	ROTARY
	Capacity	W	16800	10350
	Input	W	5460.0	3400
	Rated current(RLA)	A	31.50	10.9
	Locked rotor Amp(LRA)	A	178	81
	Thermal protector position		INTERNAL	INTERNAL
	Capacitor	µF	80	/
Refrigerant oil	ml	3MAF POE/1242	α 68HES-H or equivalent/880ml	
Outdoor fan motor	Qty		2	1
	Input	W	143.0	270.0
	Capacitor	µF	5UF/450V	6
Speed		r/min	860/780	830/780
Outdoor air flow		m ³ /h	7200	5100
Outdoor noise level (sound pressure)		dB(A)	62	62
Outdoor unit	Dimension(WxDxH)	mm	952x415x1333	946x410x810
	Packing (WxDxH)	mm	1095x495x1480	1090x500x875
	Net/Gross weight	kg	110.4/123	66.1/70.6
Refrigerant	Type		R410A	R410A
	Charged volume	kg	4.1	2.5
Design pressure		MPa	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm	Φ 9.52/ Φ 22(3/8"/7/8")	Φ 9.52/ Φ 19(3/8"/3/4")
	Max. refrigerant pipe length	m	50	30
	Max. difference in level	m	30	20
Ambient temperature	Cooling	°C	18 43	18 52
Qty'per 20' /40' /40'HQ (outdoor unit)			22/48/48	44/96/142

Specification

YORK Set Model			YEFE48BZSM-MSW1	YEFE60BZSM-MSW1
YORK Indoor Model			YEFE48BXTM-M-W1	YEFE60BXTM-M-W1
YORK Outdoor Model			YUFE48BYSM-MS-1	YUFE60BYSM-MS-1
Indoor Power supply		V-ph-Hz	220-230-1-60	220-230-1-60
Outdoor Power supply		V-Ph-Hz	220V,3Ph, 60Hz	220V,3Ph, 60Hz
Max. input consumption		W	6900	6800
Max. current		A	22	21
Cooling	Capacity	W	13900	16550
	Input	W	4826	5911
	Rated current	A	12.92	15.83
	EER	W/W	2.88	2.80
Indoor fan motor	Qty		1	1
	Input	W	640	640
	Capacitor	µF	20	20
	Speed(Hi/Med/Lo)	r/min	1040/900/800	1000/900/800
Indoor air flow (Hi/Med/Lo)		m ³ /h	2691/2310/2021	2777/2351/2005
ESP	Rated	Pa	50	50
	Range	Pa	0-160	0-160
Indoor noise level (Hi/Med/Lo)		dB(A)	55/52/48	55/52/50
Throttle type			Throttle valve	Throttle valve
Indoor unit	Dimension (WxDxH)	mm	1200x874x300	1200x874x300
	Packing(WxDxH)	mm	1405x915x355	1405x915x355
	Net/Gross weight	kg	47.8/56.8	47.8/56.8
Design pressure		MPa	4.2/1.5	4.2/1.5
Drainage water pipe diameter		mm	OD Φ 25	OD Φ 25
Refrigerant piping		Liquid side/ Gas side	mm	Φ 9.52/Φ 22(3/8"/7/8")
Controller			Wired control	Wired control
Operation temperature		°C	17-30	17-30
Room temperature		Cooling °C	17~32	17~32
Qty'per 20' /40' /40'HQ		Indoor	62/130/149	62/130/149
Compressor	Type		SCROLL	SCROLL
	Capacity	W	14400	16900
	Input	W	4580	5320.0
	Rated current(RLA)	A	18.7	21.40
	Locked rotor Amp(LRA)	A	136.8	136
	Thermal protector position		INTERNAL	INTERNAL
	Capacitor	µF	/	/
	Refrigerant oil	ml	3MAF POE/1242	3MAF POE/1242
Outdoor fan motor	Qty		2	2
	Input	W	164.0	143.0
	Capacitor	µF	3.5UF/450V	5UF/450V
	Speed	r/min	815	860/780
Outdoor air flow		m ³ /h	6500	7200
Outdoor noise level (sound pressure)		dB(A)	62	62
Outdoor unit	Dimension(WxDxH)	mm	900x350x1170	952x415x1333
	Packing (WxDxH)	mm	1032x443x1307	1095x495x1480
	Net/Gross weight	kg	87.5/99	109.1/121.6
Refrigerant	Type		R410A	R410A
	Charged volume	kg	3.4	4.1
Design pressure		MPa	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm	Φ 9.52/Φ 22(3/8"/7/8")	Φ 9.52/Φ 22(3/8"/7/8")
	Max. refrigerant pipe length	m	50	50
	Max. difference in level	m	30	30
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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