



INSTALL CONFIDENCE.



سیستم تهویه مطبوع

گاردمن

تضمین آایش شا

GRANDE DUCT MID STATIC PRESSURE 50HZ R410A T3
WORKING CONDITION COOLING ONLY

YEFE(18-55)BYE(O)

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Indoor Unit

- Top middle static-pressure(max ESP 160Pa)
- Slim design
- Easy installation
- Excellent performance
- Easy maintenance
- Various controls
- Constant air volume control
- Built-in drain pump (optional)
- Multi-zone control (Optional)
- Wireless control (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
- Follow Me



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		YEFE18BZE3AMOW3	YEFE24BZE3AMOW3	YEFE30BZE3AMOW3	
York indoor model		YEFE18BXE3AM-W3	YEFE24BXE3AM-W3	YEFE30BXE3AM-W3	
York outdoor model		YUFE18BYE3AMO-3	YUFE24BYE3AMO-3	YUFE30BYE3AMO-3	
Power supply	V-ph-Hz	220-240-1-50	220-240-1-50	220-240-1-50	
Max. input consumption	W	2010	2730	4160	
Max. input current	A	8.8	12.1	22.6	
Cooling (T1)	Capacity	Btu/h	18000	24000	33000
	Input	W	1520	2020	2760
	Current	A	6.8	9.0	12.6
	EER	W/W	3.47	3.48	3.5
	EER	EER(Btu/h)/W	11.84	11.87	11.94
Cooling (T3)	Capacity	Btu/h	16236	22330	29900
	Input	W	1884	2532	3505
	EER	EER(Btu/h)/W	8.62	8.82	8.53
Indoor fan motor	Qty		1	1	1
	Input	W	155	155	250/182/130
	Speed(Hi/Med/Lo)	r/min	1380/1250/1100	950/880/770	1148/1046/935
Indoor air flow (Hi/Med/Lo)	m ³ /h	1029/881/705	1400/1150/980	2000/1700/1360	
ESP	Rated	Pa	25	25	37
	Range	Pa	0-80	0-100	0-120
Indoor noise level (Hi/Med/Lo)	dB(A)	44/41/37	43/41/37	45/40.5/40	
Indoor unit	Dimension (WxDxH)	mm	880x674x210	1100x774x249	1360x774x249
	Packing(WxDxH)	mm	1070x725x270	1305x805x305	1570x805x305
	Net/Gross weight	kg	25.5/31.1	31.2/37.6	41.5/50
Design pressure	MPa	4.8/1.5	4.8/1.5	4.8/1.5	
Drainage water pipe diameter	mm	ODØ25	ODØ25	ODØ25	
Refrigerant piping	Liquid side/ Gas side	mm	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø19(3/8"/3/4")
Operation temperature	°C	17-30	17-30	17-30	
Room temperature	°C	17-32	17-32	17-32	
Qty'per 20' /40' /40'HQ	Indoor	120/264/297	77/161/184	49/105/120	
Compressor	Type		ROTARY	ROTARY	Twin-ROTARY
	Capacity	Btu/h	15712/15763	21564	26818
	Input	W	1535/1550	2095	2640
	Rated current(RLA)	A	7.1/6.6	9.4	12.3
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL
	Capacitor	µF	55	60	70
Refrigerant oil	ml	RB75EA/700	RB75EA/750	α 68HES-H or equivalent/880	
Outdoor fan motor	Qty		1	1	1
	Input	W	144	133	150
	Speed	r/min	860	870	1150
Outdoor noise level (sound pressure)	dB(A)	58	60	60.8	
Throttle type		Throttle Valve	Throttle Valve	Throttle valve	
Outdoor unit	Dimension(WxDxH)	mm	845x363x702	946x410x810	946x410x810
	Packing(WxDxH)	mm	965x395x755	1090x500x865	1090x500x875
	Net/Gross weight	kg	49.1/52.4	58.7/64.4	69/75
Refrigerant type/	Type	R-410A	R-410A	R-410A	
Quantity	Charged volume	kg	1.90	2.10	3.0
Design pressure	MPa	4.8/1.5	4.8/1.5	4.8/1.5	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø19(3/8"/3/4")
	Max. pipe length	m	25	25	30
	Max. difference in level	m	15	15	20
Ambient temperature	Cooling	°C	18-52	18-52	18-52
Qty'per 20' /40' /40'HQ	Outdoor unit	102/216/216	44/96/144	44/96/146	

GRANDE DUCT MID STATIC PRESSURE 50HZ R410A T3 WORKING CONDITION COOLING ONLY

Specification

York set model		YEFE36BZE3AMSW3	YEFE36BZO3AMSW3	YEFE42BZO3AMSW3	
York indoor model		YEFE36BXE3AM-W3	YEFE36BXO3AM-W3	YEFE42BXO3AM-W3	
York outdoor model		YUFE36BYE3AMS-3	YUFE36BYO3AMS-3	YUFE42BYO3AMS-3	
Power supply	V-ph-Hz	220-240-1-50	380-415-3-50	380-415-3-50	
Max. input consumption	W	4650	4230	4830	
Max. input current	A	20.7	6.7	22.9	
Cooling (T1)	Capacity	Btu/h	36000	36000	42000
	Input	W	3015	3015	3440
	Current	A	13.7	5.2	5.7
	EER	W/W	3.50	3.50	3.58
	EER	EER(Btu/h)/W	11.94	11.94	12.21
Cooling (T3)	Capacity	Btu/h	35347	34909	38491
	Input	W	4021	4112	4450
	EER	EER(Btu/h)/W	8.79	8.49	8.65
Indoor fan motor	Qty		1	1	
	Input	W	250	250	560.0
	Speed(Hi/Med/Lo)	r/min	930/840/750	930/840/750	900/820/740
Indoor air flow (Hi/Med/Lo)	m ³ /h	2259/1892/1490	2259/1892/1490	2954/2525/2188	
ESP	Rated	Pa	37	37	50
	Range	Pa	0-120	0-120	0-150
Indoor noise level (Hi/Med/Lo)		dB(A)	50/47/44	50/47/44	49.5/46.8/44.3
Indoor unit	Dimension (WxDxH)	mm	1200x874x300	1200x874x300	1200x625x380
	Packing(WxDxH)	mm	1405x915x355	1405x915x355	1485x675x450
	Net/Gross weight	kg	43.9/52.6	43.9/52.6	53.4/61.3
Design pressure		MPa	4.8/1.5	4.8/1.5	4.8/1.5
Drainage water pipe diameter		mm	ODØ25	ODØ25	ODØ25
Refrigerant piping	Liquid side/ Gas side	mm	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")
Operation temperature		°C	17-30	17-30	17-30
Room temperature	Cooling	°C	17-32	17-32	17-32
Qty'per 20' /40' /40'HQ	Indoor		62/130/149	62/130/149	59/124/125
Compressor	Type		Scroll	Scroll	Scroll
	Capacity	Btu/h	31390	31600	34291
	Input	W	3140	3150	3310
	Rated current(RLA)	A	14.5	5.30	6.7
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL
	Capacitor	µF	80	/	/
	Refrigerant oil	ml	POE/1242	POE/1242	POE/1240
Outdoor fan motor	Qty		2	2	2
	Input	W	98	98	65.0
	Speed	r/min	830	830	765
Outdoor noise level (sound pressure)		dB(A)	61	61	61.9
Throttle type			Throttle Valve	Throttle Valve	Throttle Valve
Outdoor unit	Dimension(WxDxH)	mm	900x350x1170	900x350x1170	900x350x1170
	Packing(WxDxH)	mm	1032x443x1307	1032x443x1307	1032x443x1307
	Net/Gross weight	kg	90.4/101.9	86.2/97.7	88.9/100.5
Refrigerant type/ Quantity	Type		R-410A	R-410A	R-410A
	Charged volume	kg	3.90	3.90	3.95
Design pressure		MPa	4.8/1.5	4.8/1.5	4.8/1.5
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")
	Max. pipe length	m	30	30	50
	Max. difference in level	m	20	20	30
Ambient temperature	Cooling	°C	18-52	18-52	18-52
Qty'per 20' /40' /40'HQ	Outdoor unit		27/57/108	27/57/108	27/57/108

Specification

York set model			YEFE48BZ03AMSW3	YEFE55BZ03AMSW3
York indoor model			YEFE48BX03AM-W3	YEFE55BX03AM-W3
York outdoor model			YUFE48BYO3AMS-3	YUFE55BYO3AMS-3
Power supply	V-ph-Hz		380-415-3-50	380-415-3-50
Max. input consumption	W		5320	6450
Max. input current	A		9.3	10.4
Cooling (T1)	Capacity	Btu/h	48000	55000
	Input	W	4020	4820
	Current	A	7.9	8.1
	EER	W/W	3.50	3.34
	EER	EER(Btu/h)/W	11.94	11.40
Cooling (T3)	Capacity	Btu/h	43493	51731
	Input	W	4988	6100
	EER	EER(Btu/h)/W	8.72	8.48
Indoor fan motor	Qty		1	1
	Input	W	560.0	560.0
	Speed(Hi/Med/Lo)	r/min	1020/920/840	1090/990/900
Indoor air flow (Hi/Med/Lo)		m ³ /h	2952/2443/1990	3291/2810/2355
ESP	Rated	Pa	50	50
	Range	Pa	0-160	0-160
Indoor noise level (Hi/Med/Lo)		dB(A)	53/50/48	53/50/48
Indoor unit	Dimension (WxDxH)	mm	1200x625x380	1200x625x380
	Packing(WxDxH)	mm	1485x675x450	1485x675x450
	Net/Gross weight	kg	56.5/64.5	56.5/64.5
Design pressure		MPa	4.8/1.5	4.8/1.5
Drainage water pipe diameter		mm	ODØ25	ODØ25
Refrigerant piping	Liquid side/ Gas side	mm	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø22(3/8"/7/8")
Operation temperature		°C	17-30	17-30
Room temperature	Cooling	°C	17-32	17-32
Qty'per 20' /40' /40'HQ		Indoor	59/124/125	59/124/125
Compressor	Type		Scroll	Scroll
	Capacity	Btu/h	42700	50000
	Input	W	3954	4750
	Rated current(RLA)	A	8.6	10.9
	Thermal protector position		INTERNAL	INTERNAL
	Capacitor	µF	/	/
	Refrigerant oil	ml	POE/1242	POE/1656
Outdoor fan motor	Qty		2	2
	Input	W	142/127	142/127
	Speed	r/min	880/810	880/810
Outdoor noise level (sound pressure)		dB(A)	62	62
Throttle type			Throttle Valve	Throttle Valve
Outdoor unit	Dimension(WxDxH)	mm	952x415x1333	952x415x1333
	Packing(WxDxH)	mm	1095x495x1480	1095x495x1480
	Net/Gross weight	kg	98.6/111.8	112.5/125.6
Refrigerant type/ Quantity	Type		R-410A	R-410A
	Charged volume	kg	4.10	4.40
Design pressure		MPa	4.8/1.5	4.8/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø22(3/8"/7/8")
	Max. pipe length	m	50	50
	Max. difference in level	m	30	30
Ambient temperature	Cooling	°C	18-52	18-52
Qty'per 20' /40' /40'HQ		Outdoor unit	22/48/48	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)

High ambient cooling test conditions:

Cooling - Indoor 84.2°F DB / 66.2°F WB (29°C DB / 19°C WB) & Outdoor 114.8°F DB / 75.2°F WB (46°C DB / 24°C WB)



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