

GRANDE 50HZ R-410A INVERTER MID STATIC PRESSURE DUCT EU CLASS A++

Specification

York set model			YEKE36BZEEMORX	YEKE36BZOEEMORX	YEKE42BZEEMORX	YEKE42BZOEEMORX
York indoor model			YEKE36BZEEMORX	YEKE36BXOEBM-RX	YEKE42BXEEBM-RX	YEKE42BXOEBM-RX
York outdoor model			YUKE36BYEEMO-X	YUKE36BYOEBMO-X	YUKE42BYEEMO-X	YUKE42BYOEBMO-X
Power supply (Outdoor)		V- Ph-Hz	220~240~1~50	380~420~3~50	220~240~1~50	380~415~3~50
Max. input consumption		W	4500	5300	4800	5000
Max. input current		A	21.0	10.0	23.0	10.0
Cooling	Capacity	Btu/h	36000(10000~41000)	36000(10000~41000)	42000(11000~45000)	42000(11000~45000)
	Capacity	kW	10.55(2.93~12.02)	10.55(2.93~12.02)	12.31(3.22~13.19)	12.31(3.22~13.19)
	Input	W	3965(975~4620)	3965(975~4620)	4090(1070~5070)	4090(1070~5070)
	Current	A	18.1(4.2~20.1)	6.8(1.7~8.0)	17.8(4.6~22.0)	7.1(1.8~8.7)
	SEER	W/W	6.3	6.1	5.6	5.6
	Energy Efficiency Class		A++	A++	A+	A+
Heating	Capacity	Btu/h	38000(9000~45000)	38000(9000~45000)	46000(10000~50000)	46000(10000~50000)
	Capacity	kW	11.13(2.64~13.19)	11.13(2.64~13.19)	13.48(2.93~14.65)	13.48(2.93~14.65)
	Input	W	2923(880~4690)	2923(880~4690)	3535(975~5230)	3535(975~5230)
	Current	A	13.4(3.8~20.4)	5.0(1.5~8.1)	15.4(4.2~22.7)	6.1(1.7~9.0)
	SCOP	W/W	4.0	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+	A+
Indoor fan motor	Qty		1	1	1	1
	Input	W	240(Output)	240(Output)	240(Output)	240(Output)
	Speed(Hi/Med/Lo)	r/min	950/870/820	950/870/820	1180/1070/980	1180/1070/980
		m³/h	1750/1500/1280	1750/1500/1280	2200/1900/1600	2200/1900/1600
Indoor air flow	Rated/Range	Pa	37/0~100	37/0~100	50/0~100	50/0~100
ESP		dB(A)	48/45/40	48/45/40	50/47/44	49/47/44
Indoor sound pressure level		dB(A)				
Indoor sound power level		dB(A)	61	61	68	67
Indoor unit	Dimension (WxDxH)	mm	1200x865x300	1200x865x300	1200x865x300	1200x865x300
	Packing (WxDxH)	mm	1405x920x373	1405x920x373	1405x920x373	1405x920x373
	Net/Gross weight	kg	45/53	45/53	43.4/52	43.4/52
		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Design pressure		mm	ODØ25	ODØ25	ODØ25	ODØ25
Drainage water pipe diameter		mm	ODØ25	ODØ25	ODØ25	ODØ25
Refrigerant piping	Liquid side/ Gas side	mm	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
Operation temperature		°C	17~30	17~30	17~30	17~30
Room temperature	Cooling/Heating	°C		17~32/0~30		
Qty'per 20' /40' /40'HQ		Indtoor unit	60/126/147	60/126/147	60/126/147	60/126/147
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Capacity	Btu/h	32380	32380	32380	32380
	Input	W	2600	2600	2600	2600
	Rated current (RLA)	A	5.10	5.10	5.10	5.10
	Refrigerant oil	ml	PQE(VG74)/1000	PQE(VG74)/1000	PQE(VG74)/1000	PQE(VG74)/1000
	Qty		1	1	1	1
Outdoor fan motor	Output	W	120(Output)	120(Output)	120(Output)	120(Output)
	Capacitor	µF	/	/	/	/
	Speed (Hi)	r/min	950	950	1050	
		m³/h	4300	4300	4300	4300
Outdoor air flow		dB(A)	61/66	62/67	62.5/71	63/71
Outdoor sound pressure level		dB(A)				
Outdoor unit	Dimension(WxDxH)	mm	946x410x810	946x410x810	946x410x810	946x410x810
	Packing(WxDxH)	mm	1090x500x865	1090x500x865	1090x500x865	1090x500x865
	Net/Gross weight	kg	67.2/72.9	78.9/83.9	70.5/76.1	70.5/76.1
	Type		R410A	R410A	R410A	R410A
Refrigerant	GWP		2088	2088	2088	2088
	Charged quantity	kg	3.2	3.2	3.65	3.65
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)	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m	65	65	65	65
	Max. difference in level	m	30	30	30	30
Ambient temperature	Cooling/Heating	°C		-15~50/-15~24		
Qty'per 20' /40' /40'HQ		Outdoor unit	44/96/144	44/96/144	44/96/144	44/96/144

Specification

York set model			YEKE48BZEEMORX	YEKE48BZOEEMORX	YEKE55BZOEEMORX
York indoor model			YEKE48BXEEBM-RX	YEKE48BXOEBM-RX	YEKE55BXOEBM-RX
York outdoor model			YUKE48BYEEMO-X	YUKE48BYOEBMO-X	YUKE55BYOEBMO-X
Power supply (Outdoor)		V- Ph-Hz	220~240~1~50	380~415~3~50	380~415~3~50
Max. input consumption		W	6100	6100	7500
Max. input current		A	26.5	13.0	14.0
Cooling	Capacity	Btu/h	48000(14000~56000)	48000(14000~56000)	54000(17000~61800)
	Capacity	kW	14.07(4.10~16.41)	14.07(4.10~16.41)	15.82(4.98~18.11)
	Input	W	5115(1370~6310)	5115(1370~6310)	5255(1660~6965)
	Current	A	23.4(5.9~27.4)	8.8(2.4~10.9)	9.1(2.9~12.0)
	SEER	W/W	6.1	6.1	6.1
	Energy Efficiency Class		A++	A++	A++
Heating	Capacity	Btu/h	55000(14800~61850)	55000(14800~61850)	62000(18000~70000)
	Capacity	kW	16.12(4.34~18.13)	16.12(4.34~18.13)	18.17(5.28~20.51)
	Input	W	4355(1445~6475)	4355(1445~6475)	5033(1760~7320)
	Current	A	19.9(6.2~28.1)	7.5(2.5~11.2)	8.7(3.0~12.6)
	SCOP	W/W	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+
Indoor fan motor	Qty		1	1	1
	Input	W	240(Output)	240(Output)	240(Output)
	Speed(Hi/Med/Lo)	r/min	1180/1070/980	1180/1070/980	1180/1070/980
		m³/h	2200/1900/1600	2200/1900/1600	2200/1900/1600
Indoor air flow	Rated/Range	Pa	50/0~100	50/0~100	50/0~100
ESP		dB(A)	51/48/45	50/47/44	50/47/45
Indoor sound pressure level		dB(A)	68	68	69
Indoor unit	Dimension (WxDxH)	mm	1200x865x300	1200x865x300	1200x865x300
	Packing (WxDxH)	mm	1405x920x373	1405x920x373	1405x920x373
	Net/Gross weight	kg	43.2/51.6	43.2/51.6	43.1/51.5
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5
Drainage water pipe diameter		mm	ODØ25	ODØ25	ODØ25
Refrigerant piping	Liquid side/ Gas side	mm	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
Operation temperature		°C	17~30	17~30	17~30
Room temperature	Cooling/Heating	°C		17~32/0~30	
Qty'per 20' /40' /40'HQ		Indtoor unit	60/126/147	60/126/147	60/126/147
Compressor	Type		ROTARY	ROTARY	ROTARY
	Capacity	Btu/h	44697	44697	44697
	Input	W	3420	3420	3420
	Rated current (RLA)	A	6.85	6.85	6.85
	Refrigerant oil	ml	Ester Oil VG74/1400	Ester Oil VG74/1400	Ester Oil VG74/1400
	Qty		2	2	2
Outdoor fan motor	Output	W	85(Output)	85(Output)	85(Output)
	Capacitor	µF	/	/	/
	Speed (Hi)	r/min	850	850	850
		m³/h	6800	6800	7200
Outdoor air flow		dB(A)	65/72	65/72	62.5/75
Outdoor sound pressure level		dB(A)			
Outdoor unit	Dimension(WxDxH)	mm	952x410x1333	952x410x1333	952x410x1333
	Packing(WxDxH)	mm	1095x500x1470	1095x500x1470	1095x500x1470
	Net/Gross weight	kg	95.1/108.4	108.1/121.2	112.8/126
	Type		R410A	R410A	R410A
Refrigerant	GWP		2088	2088	2088
	Charged quantity	kg	4	4	4.3
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m	65	65	65
	Max. difference in level	m	30	30	30
Ambient temperature	Cooling/Heating	°C		-15~50/-15~24	
Qty'per 20' /40' /40'HQ		Outdoor unit	22/46/46	22/46/46	22/46/46

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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YEKE(12-55)BZE(O)-160321



GRANDE 50HZ R-410A INVERTER MID STATIC PRESSURE DUCT
EU Class A++
YEKE(12-55)BZE(O)

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.



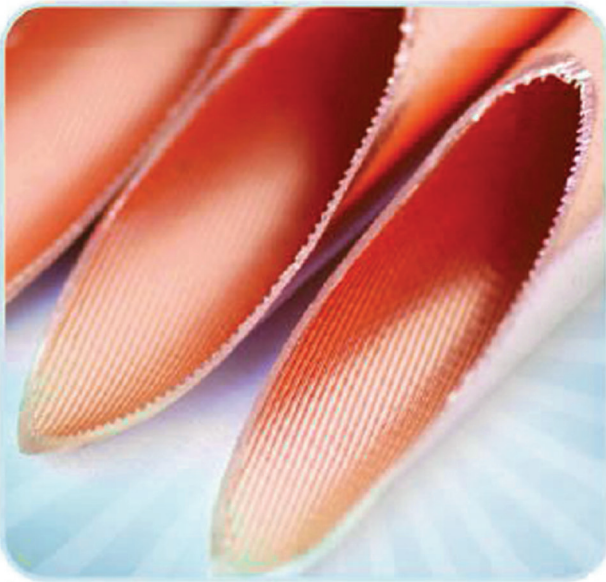
Self Diagnosis
Clearly displayed failure codes allow for quicker troubleshooting and easier maintenance.



Low Ambient Cooling at -15°C
The AC will run in cooling mode when outdoor temperature is below -15°C to meet special user-requested applications.



DC Inverter Compressor
DC inverter compressor provides more comfortable indoor environment, higher performance in partial load and better heating performance in low ambient temperature than fixed compressor.



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			YEKE12BZEEMOWX	YEKE18BZEEMORX	YEKE24BZEEMORX	YEKE30BZEEMORX
York indoor model			YEKE12BXEEM-WX	YEKE18BXEEM-RX	YEKE24BXEEM-RX	YEKE30BXEEM-RX
York outdoor model			YUKE12BYEEMO-X	YUKE18BYEEMO-X	YUKE24BYEEMO-X	YUKE30BYEEMO-X
Power supply (Outdoor)			V- Ph-Hz	220-240-1-50	220-240-1-50	220-240-1-50
Max. input consumption			W	2000	2200	2950
Max. input current			A	8.7	10.0	14.0
Cooling	Capacity	Btu/h	12000(2100-15000)	18000(2700-21000)	24000(4100-28000)	30000(7100-36000)
	Capacity	kW	3.52(0.62-4.40)	5.28(0.79-6.15)	7.03(1.20-8.21)	8.79(2.08-10.55)
	Input	W	1030(210-1690)	1685(260-2365)	2285(400-3155)	2875(690-4055)
	Current	A	4.7(1.0-7.7)	7.7(1.2-10.80)	10.4(1.8-14.4)	13.1(3.2-18.5)
	SEER	W/W	6.1	6.5	6.1	6.1
	Energy Efficiency Class		A++	A++	A++	A++
Heating	Capacity	Btu/h	13000(2100-17000)	19000(3000-24000)	24000(4100-29500)	32000(7100-37000)
	Capacity	kW	3.81(0.62-4.98)	5.67(0.88-7.03)	7.03(1.20-8.65)	9.38(2.08-10.84)
	Input	W	995(496-1790)	1460(290-2510)	1900(400-3090)	2460(690-3870)
	Current	A	4.5(2.3-8.2)	6.7(1.3-11.5)	8.7(1.8-14.1)	11.2(3.2-17.7)
	SCOP	W/W	4.0	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+	A+
Indoor fan motor	Qty		1	1	1	1
	Input	W	55(Output)	90(Output)	90(Output)	150(Output)
	Speed(Hi/Med/Lo)	r/min	1100/940/760	930/850/800	1080/1000/890	1000/910/840
Indoor air flow		m³/h	680/580/450	1050/900/780	1360/1200/970	1580/1400/1100
ESP	Rated/Range	Pa	/0-45	25/0-100	25/0-100	37/0-100
Indoor sound pressure level		dB(A)	42/38/35	44/40/37	46/42/38	50/48/44
Indoor sound power level		dB(A)	54	58	62	65
Indoor unit	Dimension (WxDxH)	mm	700x635x210	920x635x270	920x635x270	1140x775x270
	Packing (WxDxH)	mm	915x655x290	1150x655x350	1150x655x350	1355x795x350
	Net/Gross weight	kg	18.4/22.7	26.9/31.5	28/31.5	35/42
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Drainage water pipe diameter		mm	ODØ25	ODØ25	ODØ25	ODØ25
Refrigerant piping	Liquid side/ Gas side	mm	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
Operation temperature		°C	17-30	17-30	17-30	17-30
Room temperature	Cooling/Heating	°C	17-32/0-30			
Qty' per 20' /40' /40'HQ		Indoor unit	173/340/380	108/216/252	108/216/252	75/153/170
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Capacity	Btu/h	10093	13836	24345	24345
	Input	W	730	1035	1970	1970
	Rated current (RLA)	A	5.08	7.32	6.95	6.95
	Refrigerant oil	ml	Ester Oil VG74/340	ESTER OIL VG74/450	POE(VG74)/670	POE(VG74)/670
	Qty		1	1	1	1
Outdoor fan motor	Output	W	40(Output)	40(Output)	50(Output)	120(Output)
	Capacitor	µF	/	/	/	/
	Speed (Hi)	r/min	800	850	760	800
		m³/h	2000	2100	2700	4300
Outdoor air flow		m³/h	2000	2100	2700	4300
Outdoor sound pressure level/Outdoor sound power level		dB(A)	57/60	56.5/64	60.5/65	59.5/66
Outdoor unit	Dimension(WxDxH)	mm	800x333x554	800x333x554	845x363x702	946x410x810
	Packing(WxDxH)	mm	920x390x615	920x390x615	965x395x755	1090x500x865
	Net/Gross weight	kg	34.5/37.3	35.5/38.4	49/51.5	62.9/68.5
Refrigerant	Type		R410A	R410A	R410A	R410A
	GWP		2088	2088	2088	2088
	Charged quantity	kg	1.38	1.48	1.95	2.8
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)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m	25	30	50	50
	Max. difference in level	m	10	20	25	25
Ambient temperature	Cooling/Heating	°C	-15~50/-15~24			
Qty' per 20' /40' /40'HQ		Outdoor unit	108/219/292	108/219/292	102/216/216	44/96/144