YORK®

INSTALL CONFIDENCE

DUCT MID STATIC PRESSURE 60HZ R410A T3 WORKING CONDITION INVERTER (KSA)

YEKE(18-60)BZL(R)

Indoor Unit

- DC fan motor
- High Air flow
- Adjusted pressure by wired controller
- Wireless controller(optional)
- Blue fin

Optional

Wired Controller

- Compact design
- Use as remote signal receiver
- Individual & group control (max. 16 indoor units)
- Timer/clock
- Easy installation

Standard

Condensing Unit

- Larger fan, slower speed to reduce noise
- DC inverter compressor and motor
- Built-in valve, 4-way pipe connection
- "888" digital test panel
- Blue fin

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			YEKE18BZL3CJOW3	YEKE24BZL3CJOW3	YEKE36BZL3CJOW3
York Outdoor Model			YEKE18BYL3CJO-3	YEKE24BYL3CJO-3	YEKE36BYL3CJO-3
York Indoor Model			YEKE18BXL3CJ-W3	YEKE24BXL3CJ-W3	YEKE36BXL3CJ-W3
Power supply		Ph/V/Hz	1/220~240/60	1/220~240/60	1/220~240/60
Power supply at rated capacity		Ph/V/Hz	1/230/60	1/230/60	1/230/60
Rated Cooling(T1)	Capacity	Btu/h	18,000(6,000~22,320)	21,800(8,300~27,000)	33,000(10,000~40,000)
	Capacity	kW	5.28(1.76~6.45)	6.39(2.43~7.91)	9.70(2.93~11.7)
	Input	kW	1.45	1.76	2.66
	Running current	A	8.08	10.03	11.90
	EER	W/W	3.64	3.63	3.64
	EER	Btu/hW	12.40	12.40	12.40
Rated Cooling(T3)	Capacity	Btu/h	16,400(5,000~18,000)	19,600(6,500~23,000)	31,000(8,000~33,000)
	Capacity	kW	4.80(1.46~5.27)	5.73(1.90~6.74)	9.10(2.34~9.6)
	Input	kW	1.89	2.25	3.56
	Running current	A	10.35	12.33	14.39
	EER	W/W	2.54	2.55	2.55
	EER	Btu/hW	8.70	8.70	8.70
Rated Heating(T1)	Capacity	Btu/h	18,260(6,000~22,500)	24,600(7,985~27,507)	35,636(10,000~40,270)
	Capacity	kW	5.35(1.76~6.59)	7.20(2.34~8.06)	10.45(2.93~11.8)
	Input	kW	1.50	2.02	2.94
	Running current	A	8.14	10.02	13.01
	COP	W/W	3.55	3.55	3.55
	COP	Btu/hW	12.12	12.12	12.12
Moisture Removal		l/h	0.95	1.2	1.7
Max. input consumption		W	2300	2700	5100
Max. current		A	12	15	22.4
Operation Control			Wired	Wired	Wired
Indoor fan motor	Input	W	160	200	200
	Output	W	/	/	/
	Running current	A	0.75	0.87	0.87
	Capacitor	uF	/	/	/
	Speed	rpm	850/750/650/600	860/760/660/600	900/840/780/750
Indoor air flow		m^3/h	1480/1280/1150/950	1500/1300/1180/950	2000/1740/1500/1280
External static pressure		Pa	25 (0~100)	25 (0~100)	37(0~150)
Indoor noise level (Sound pressure level)		dB(A)	42/40/39/36	45/42/40/36	48/45/42/39
Indoor dimension	Unit (WxDxH)	mm	1100×700×248	1100×700×248	1500×700×248
	Packing (WxDxH)	mm	1340×870×330	1340×870×320	1710×870×330
Indoor weight	Net/Gross	kg	31/35	31/35	46/55
Compressor	Type		rotary	rotary	rotary
	Capacity	W/h	4410	4410	7000
	Input	W	1335	1335	2150
	Rated current(RLA)	A	8.5	8.5	8.7
	Thermal protector		external	external	external
	Refrigerant oil	ml	350	350	520
Outdoor fan motor	Input	W	128	128	190
	Speed	rpm	850	850	800±40
Outdoor air flow		m^3/h	3300	3300	5500
Outdoor noise level (Sound pressure level)		dB(A)	60	60	65
Outdoor dimension	Unit/Packing (WxDxH)	mm	890×340×700/1046×460×780	920×372×760/1085×487×843	950×370×1350/1090×480×1500
Outdoor weight	Net/Gross	kg	46.5/51.5	54/60	103/110
Refrigerant	Type		R410A	R410A	R410A
	Charge	g	1850	2000	3700
Refrigerant pipe	Liquid side/Gas side	mm	9.52/15.88	9.52/15.88	9.52/19.05
	Max. refrigerant pipe length	m	25	30	50
	Max. difference in level	m	15	15	30
Operation temperature range		℃	16~30	16~30	16~30
Ambient temperature range		℃	10~52	10~52	10~52
Qty'per 20'& 40'&40HQ		Set	36/75/85	31/66/76	24/52/59

DUCT MID STATIC PRESSURE 60HZ R410A T3 WORKING CONDITION INVERTER

Specification

York Set Model			YEKE42BZL3CJOW3	YEKE42BZR3CJOW3
York Outdoor Model			YEKE42BYL3CJO-3	YEKE42BYR3CJO-3
York Indoor Model			YEKE42BXL3CJ-W3	YEKE42BXL3CJ-W3
Power supply		Ph/V/Hz	1/220~240/60	3/380~415/60
Power supply at rated capacity		Ph/V/Hz	1/230/60	3/400/60
Rated Cooling(T1)	Capacity	Btu/h	40,000(14,000~53,000)	40,000(14,000~53,000)
	Capacity	kW	11.70(4.1~15.5)	11.70(4.1~15.5)
	Input	kW	3.23	3.23
	Running current	A	15.10	5.50
	EER	W/W	3.63	3.63
	EER	Btu/hW	12.40	12.40
Rated Cooling(T3)	Capacity	Btu/h	37,600(11,000~46,000)	37,600(11,000~46,000)
	Capacity	kW	11.0(3.22~13.5)	11.0(3.22~13.5)
	Input	kW	4.32	4.32
	Running current	A	18.50	7.91
	EER	W/W	2.55	2.55
	EER	Btu/hW	8.70	8.70
Rated Heating(T1)	Capacity	Btu/h	47950(13,650~64,843)	47950(13,650~64,843)
	Capacity	kW	14.05(4.0~19.0)	14.05(4.0~19.0)
	Input	kW	3.90	3.90
	Running current	A	15.15	5.55
	COP	W/W	3.60	3.60
	COP	Btu/hW	12.30	12.30
Moisture Removal		l/h	1.1	1
Max. input consumption		W	7200	7200
Max. current		A	32	10.5
Operation Control			Wired	Wired
Indoor fan motor	Input	W	300	300
	Output	W	197	197
	Running current	A	1.3	1.3
	Capacitor	uF	/	/
	Speed	rpm	1000/900/810/750	1000/900/810/750
Indoor air flow		m^3/h	3590/3200/2880/2280	3590/3200/2880/2280
External static pressure		Pa	50(0~160)	50(0~160)
Indoor noise level (Sound pressure level)		dB(A)	49/46/43/40	49/46/43/40
Indoor dimension	Unit (WxDxH)	mm	1350×490×425	1350×490×425
	Packing (WxDxH)	mm	1565×724×510	1565×724×510
Indoor weight	Net/Gross	kg	61/72	61/72
Compressor	Type		rotary	rotary
	Capacity	W/h	9800	13780
	Input	W	3000	4060
	Rated current(RLA)	A	12.1	12.3
	Thermal protector		external	external
	Refrigerant oil	ml	870	1600
Outdoor fan motor	Input	W	190	190
	Speed	rpm	900±40	900±40
Outdoor air flow		m^3/h	7500	7500
Outdoor noise level (Sound pressure level)		dB(A)	65	65
Outdoor dimension	Unit/Packing (WxDxH)	mm	950×370×1350/1090×480×1500	950×370×1350/1090×480×1500
Outdoor weight	Net/Gross	kg	105/118	108/118
Refrigerant	Type		R410A	R410A
	Charge	g	4000	3700
Refrigerant pipe	Liquid side/Gas side	mm	9.52/19.05	9.52/19.05
	Max. refrigerant pipe length	m	50	50
	Max. difference in level	m	30	30
Operation temperature range		℃	16-30	16-30
Ambient temperature range		℃	10~52	10~52
Qty'per 20'& 40'&40HQ		Set	21/41/48	21/41/48

Specification

York Set Model			YEKE48BZL3CJOW3	YEKE48BZR3CJOW3	YEKE60BZR3CJOW3
York Outdoor Model			YEKE48BYL3CJO-3	YEKE48BYR3CJO-3	YEKE60BYR3CJO-3
York Indoor Model			YEKE48BXL3CJ-W3	YEKE48BXL3CJ-W3	YEKE60BXL3CJ-W3
Power supply		Ph/V/Hz	1/220~240/60	3/380~415/60	3/380~415/60
Power supply at rated capacity		Ph/V/Hz	1/230/60	3/400/60	3/400/60
Rated Cooling(T1)	Capacity	Btu/h	46,000(18,000~62,000)	46,000(18,000~62,000)	54,000(18,000~72,000)
	Capacity	kW	13.5(5.27~18.2)	13.5(5.27~18.2)	15.8(5.27~21.09)
	Input	kW	3.71	3.71	4.35
	Running current	A	17.30	6.20	7.20
	EER	W/W	3.63	3.63	3.63
	EER	Btu/hW	12.40	12.40	12.40
Rated Cooling(T3)	Capacity	Btu/h	43,600(15,000~52,000)	43,600(15,000~52,000)	48,600(15,000~55,000)
	Capacity	kW	12.75(4.40~15.2)	12.75(4.40~15.2)	14.25(4.40~16.12)
	Input	kW	5.00	5.00	5.586
	Running current	A	23.80	8.10	8.8
	EER	W/W	2.55	2.55	2.55
	EER	Btu/hW	8.70	8.70	8.7
Rated Heating(T1)	Capacity	Btu/h	53,920(20,477~71,669)	53,920(20,477~71,669)	60,000(20,477~72,000)
	Capacity	kW	15.80(6.0~21.0)	15.80(6.0~21.0)	17.60(6.0~21.0)
	Input	kW	4.39	4.39	4.89
	Running current	A	20.50	5.09	8.00
	COP	W/W	3.60	3.60	3.60
	COP	Btu/hW	12.30	12.30	12.30
Moisture Removal		l/h	1.1	1	1
Max. input consumption		W	9600	9600	10600
Max. current		A	36	12	14
Operation Control			Wired	Wired	Wired
Indoor fan motor	Input	W	300	300	1210
	Output	W	197	197	980
	Running current	A	1.3	1.3	5.5
	Capacitor	uF	/	/	/
	Speed	rpm	1100/910/800/750	1100/910/800/750	950/880/850/810
Indoor air flow		m^3/h	3980/3300/2750/2280	3980/3300/2750/2280	3980/3300/2750/2280
External static pressure		Pa	50(0~160)	50(0~160)	50(0~160)
Indoor noise level (Sound pressure level)		dB(A)	50/47/45/42	50/47/45/42	51/48/46/43
Indoor dimension	Unit (WxDxH)	mm	1350×490×425	1350×490×425	1336×750×500
	Packing (WxDxH)	mm	1565/724/510	1565/724/510	1609×946×649
Indoor weight	Net/Gross	kg	61/72	61/72	99/130
Compressor	Type		rotary	rotary	rotary
	Capacity	W/h	13780	13780	13780
	Input	W	4130	4060	4060
	Rated current(RLA)	A	15.8	12.3	12.3
	Thermal protector		external	external	external
	Refrigerant oil	ml	1600	1600	1400
Outdoor fan motor	Input	W	190	190	190
	Speed	rpm	900±40	900±40	900±40
Outdoor air flow		m^3/h	7500	7500	7500
Outdoor noise level (Sound pressure level)		dB(A)	65	65	65
Outdoor dimension	Unit/Packing (WxDxH)	mm	950×370×1350/1090×480×1500	950×370×1350/1090×480×1500	950×370×1350/1090×480×1500
Outdoor weight	Net/Gross	kg	125/135	125/135	125/135
Refrigerant	Type		R410A	R410A	R410A
	Charge	g	5000	5000	5300
Refrigerant pipe	Liquid side/Gas side	mm	9.52/19.05	9.52/19.05	12.7/19.05
	Max. refrigerant pipe length	m	75	75	75
	Max. difference in level	m	30	30	30
Operation temperature range		℃	16~30	16~30	16~30
Ambient temperature range		℃	10~52	10~52	10~52
Qty'per 20'& 40'&40HQ		Set	21/41/48	21/41/48	21/41/48

Nominal testing conditions:
T1 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)
T3 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)
*This product is coming with holding refrigerant charge from the factory. Refrigerant charge must be checked before startup to assure design performance.

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