



INSTALL CONFIDENCE



60HZ R410A MID STATIC PRESSURE DUCT INVERTER
YEK(J)E(12-55)BZT(V)MCMOWX

60HZ R410A MID STATIC PRESSURE DUCT INVERTER

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.



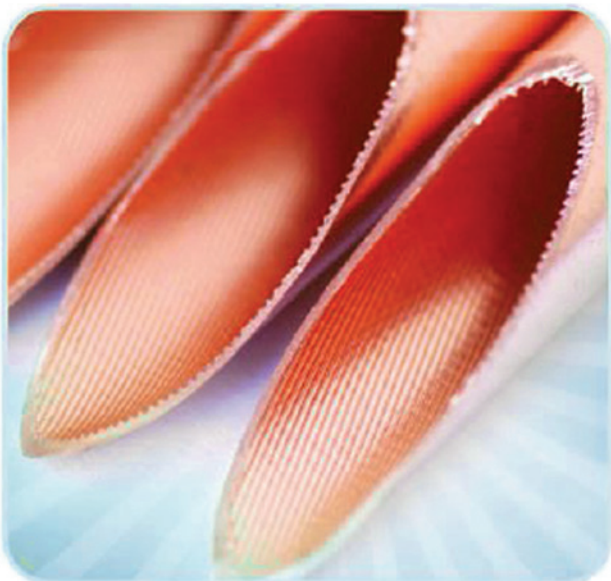
Low Ambient Cooling at -15°C

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

Set model		YEKE12BZTMCOWX	YEKE18BZTMCOWX	YEKE24BZTMCOWX	YEKE36BZTMCOWX	YEKE48BZTMCOWX	YEKE55BZTMCOWX	
Outdoor model		YUKE12BYTMCMO-X	YUKE18BYTMCMO-X	YUKE24BYTMCMO-X	YUKE36BYTMCMO-X	YUKE48BYTMCMO-X	YUKE55BYTMCMO-X	
Indoor model		YEKE12BXTMCM-WX	YEKE18BXTMCM-WX	YEKE24BXTMCM-WX	YEKE36BXTMCM-WX	YEKE48BXTMCM-WX	YEKE55BXTMCM-WX	
Power supply (Indoor)	V- Ph-Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	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	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	
Cooling	Capacity	Btu/h	12000(4100-12100)	18000(6400-18800)	24000(11000-24400)	36000(12600-37800)	48000(19200-51800)	55000(20350-59400)
	Input	W	960(274-1050)	1490(500-1840)	1950(830-2260)	4220(1477-4430)	5860(2344-6320)	6080(2249.6-6560)
	Rated current	A	4.4	6.75	8.83	18.3	25.81	27.0
	EER	W/W	3.66	3.54	3.61	2.5	2.4	2.65
	SEER		21.5	19	21	14.5	12.3	14.0
Heating	Capacity	Btu/h	12000(3600-12100)	18000(6000-18900)	24400(10200-29400)	36000(11880-39200)	48000(19200-52800)	56000(20720-61000)
	Input	W	1070(266-1090)	1650(490-1660)	2030(755-2530)	3270(1080-3560)	4400(1760-4840)	5130(1900-5590)
	Rated current	A	5.05	7.3	9.3	14.2	19.33	23.2
	COP	W/W	3.28	3.2	3.52	3.23	3.2	3.2
Max. input consumption	W	1750	3200	3450	5150	6900	7000	
Max. current	A	8.0	14	15	22.5	30	31.0	
Indoor fan motor	Qty		1	1	1	1	1	
	Type		DC	DC	DC	AC	AC	
	Input	W	130.0	90.0	90.0	253.0	/	/
	Capacitor	μF	/	/	/	5	20	20
	Speed(Hi/Mi/Lo)	r/min	1170/1030/850	850/700/450	880/820/690	1263/1123/1000	800/900/1000	1040/900/800
Indoor air flow (Hi/Mi/Lo)	m ³ /h	600/480/300	900/765/630	1320/1180/740	1697/1205/999	2825/2383/2050	2681/2281/1962	
ESP	Rated	Pa	25	25	25	37	50	
	Range	Pa	0-40	0-100	0-120	0-160	0-160	
Indoor noise level (Hi/Mi/Lo)	dB(A)	37.5/33/27.5	41.5/38.5/36	44/41/34	50/42/40	54/51/47	53/50/47	
Indoor unit	Dimension(W*D*H)	mm	700x506x200	880x674x210	1100x774x249	1100x774x249	1200x874x300	1200x874x300
	Packing (W*D*H)	mm	860/540/275	1155x715x280	1305x805x315	1305x805x315	1405x915x365	1405x915x365
	Net/Gross weight	Kg	17.8/22	23.8/29.5	39.4/46.7	33/41	45.7/54.6	47/56
Drainage water pipe dia	mm	OD Φ25mm	OD Φ25mm	OD Φ25mm	OD Φ25mm	OD Φ25mm	OD Φ25mm	
Qty/per 20' /40' /40'HQ	Indoor unit		214/461/519	120/264/297	77/161/198	77/161/184	62/130/149	62/130/149
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
	Capacity	W	2958	4055	7135	8095	13700	13700
	Input	W	730	1035	1970	2200	3700	3700
	Rated current(RLA)	A	5.08	7.32	6.95	10	7.02	7.02
	Thermal protector position		NA	NA	NA	EXTERNAL	EXTERNAL	EXTERNAL
	Refrigerant oil/oil charge	ml	VG74/340	VG74/450	VG74/670	VG74/670	VG74/1400	VG74/1400
Outdoor fan motor	Qty		1	1	1	1	2	
	Type		DC	DC	DC	DC	AC	
	Input	W	63.0	115.0	150.0	150.0	143.0	143.0
	Capacitor	μF	/	/	/	/	5	5
	Speed	r/min	800	850	850	1050	860	860
Outdoor air flow	m ³ /h	2000	2500	3800	5100	7500	7200	
Outdoor noise level	dB(A)	55	59	59	67	63	64	
Outdoor unit	Dimension(W*D*H)	mm	800x333x554	845x363x702	946x410x810	946x410x810	952x415x1333	952x415x1333
	Packing (W*D*H)	mm	920x390x625	965x395x775	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
	Net/Gross weight	Kg	36.5/39.1	47.7/51	64/69	65/70	95.3/108.1	100/113
Refrigerant type	Kg	R410A/1.15	R410A/1.95	R410A/2.35	R410A/2.8	R410A/4	R410A/4.3	
Design pressure	MPa	4.2/1.5	4.2/1.5	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)	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)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)
	Max. refrigerant pipe length	m	15	25	25	30	50	50
	Max. difference in level	m	8	15	15	20	30	30
Operation temperature	°C	17-30	17-30	17-30	17-30	17-30	17-30	
Room temperature	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	0~50/-15~24	0~50/-15~24	0~50/-15~24	0~50/-15~24	0~50/-15~24	0~50/-15~24
Qty/per 20' /40' /40'HQ	Outdoor unit		108/219/292	102/215/216	44/96/138	44/96/138	22/48/48	22/48/48

60HZ R410A MID STATIC PRESSURE DUCT INVERTER

Specification

Set model		YEKE36BZVMCOWX	YEKE55BZVMCOWX	YEJE12BZTMCOWX	YEJE18BZTMCOWX	YEJE24BZTMCOWX	
Outdoor model		YUKE36BYVMCOW-X	YUKE55BYVMCOW-X	YUJE12BYTMCOW-X	YUJE18BYTMCOW-X	YUJE24BYTMCOW-X	
Indoor model		YEKE36BXTMCM-WX	YEKE55BXTMCM-WX	YEJE12BXTMCM-WX	YEJE18BXTMCM-WX	YEJE24BXTMCM-WX	
Power supply (Indoor)	V- Ph-Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	
Power supply (Outdoor)	V- Ph-Hz	220V,3Ph,60Hz	220-230V,3Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	
Cooling	Capacity	Btu/h	36000(12600-38100)	55000(22000-59400)	12000(4100-12100)	18000(6400-18800)	24000(11000-24400)
	Input	W	4060(1421-4300)	6130(2452-6620)	960(274-1050)	1490(500-1840)	1950(830-2260)
	Rated current	A	10.20	15.40	4.4	6.75	8.83
	EER	W/W	2.6	2.63	3.66	3.54	3.61
	SEER		14.8	13.6	21.5	19	21
Heating	Capacity	Btu/h	36000(12600-39600)	58000(23200-62000)	/	/	/
	Input	W	3100(1085-3410)	5150(2060-5610)	/	/	/
	Rated current	A	7.80	12.90	/	/	/
	COP	W/W	3.4	3.3	/	/	/
Max. input consumption	W	5150	7000	1750	3200	3450	
Max. current	A	13.5	20.5	8.0	14	15	
Indoor fan motor	Qty		1	1	1	1	
	Type		AC	AC	DC	DC	DC
	Input	W	253.0	/	130.0	90.0	90.0
	Capacitor	μF	5	20	/	/	/
	Speed(Hi/Mi/Lo)	r/min	1263/1123/1000	1040/900/800	1170/1030/850	850/700/450	880/820/690
Indoor air flow (Hi/Mi/Lo)	m ³ /h	1697/1205/999	2681/2281/1962	600/480/300	900/765/630	1320/1180/740	
ESP	Rated	Pa	37	50	25	25	25
	Range	Pa	0-160	0-160	0-40	0-100	0-120
Indoor noise level (Hi/Mi/Lo)	dB(A)	50.5/43/40	54.5/52/48	37.5/33/27.5	41.5/38.5/36	44/41/34	
Indoor unit	Dimension(W*D*H)	mm	1100x774x249	1200x874x300	700x506x200	880x674x210	1100x774x249
	Packing (W*D*H)	mm	1305x805x315	1405x915x365	860/540/275(not contain water pump)	1155x715x280	1305x805x315
	Net/Gross weight	Kg	33/41	47/56	17.8/22	23.8/29.5	39.4/46.7
Drainage water pipe dia	mm	OD Φ25mm	OD Φ25mm	OD Φ25mm	OD Φ25mm	OD Φ25mm	
Qty'per 20' /40' /40'HQ	Indoor unit	77/161/184	62/130/149	214/461/519	120/264/297	77/161/198	
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY	
	Capacity	W	8095	13700	2958	4055	7135
	Input	W	2200	3700	730	1035	1970
	Rated current(RLA)	A	10	7.02	5.08	7.32	6.95
	Thermal protector position		EXTERNAL	EXTERNAL	NA	NA	NA
	Refrigerant oil/oil charge	ml	VG74/670	VG74/1400	VG74/340	VG74/450	VG74/670
Outdoor fan motor	Qty		1	2	1	1	
	Type		DC	AC	DC	DC	DC
	Input	W	150.0	143.0	63.0	115.0	150.0
	Capacitor	μF	/	5	/	/	/
	Speed	r/min	1050	860	800	850	850
Outdoor air flow	m ³ /h	5100	7200	2000	2500	3800	
Outdoor noise level	dB(A)	64	64	55	59	59	
Outdoor unit	Dimension(W*D*H)	mm	946x410x810	952x415x1333	800x333x554	845x363x702	946x410x810
	Packing (W*D*H)	mm	1090x500x885	1095x495x1480	920x390x625	965x395x775	1090x500x885
	Net/Gross weight	Kg	66.8/71.5	102.6/115.3	36.5/39.1	47.7/51	64/69
Refrigerant type	Kg	R410A/2.8	R410A/4.3	R410A/1.15	R410A/1.95	R410A/2.35	
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	30	50	15	25	25
	Max. difference in level	m	20	30	8	15	15
Operation temperature	°C	17-30	17-30	17-30	17-30	17-30	
Room temperature	Indoor(cooling/ heating)	°C	17-32/0-30	17-32/0-30	17-32/0-30	17-32/0-30	17-32/0-30
	Outdoor(cooling/heating)	°C	0-50/-15-24	0-50/-15-24	0-50/-15-24	0-50/-15-24	0-50/-15-24
Qty'per 20' /40' /40'HQ	Outdoor unit	44/96/138	22/48/48	108/219/292	102/215/216	44/96/138	

Specification

Set model		YEJE36BZTMCOWX	YEJE48BZTMCOWX	YEJE55BZTMCOWX	YEJE36BZVMCOWX	YEJE55BZVMCOWX	
Outdoor model		YUJE36BYTMCMO-X	YUJE48BYTMCMO-X	YUJE55BYTMCMO-X	YUJE36BYVMCMO-X	YUJE55BYVMCMO-X	
Indoor model		YEJE36BXTMCM-WX	YEJE48BXTMCM-WX	YEJE55BXTMCM-WX	YEJE36BXTMCM-WX	YEJE55BXTMCM-WX	
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,3Ph,60Hz	
Cooling	Capacity	Btu/h	36000(12600-37800)	48000(19200-51800)	55000(20350-59400)	36000(12600-38100)	
	Input	W	4220(1477-4430)	5860(2344-6320)	6080(2249.6-6560)	4060(1421-4300)	
	Rated current	A	18.3	25.81	27.0	10.20	
	EER	W/W	2.5	2.4	2.65	2.6	
	SEER		14.5	12.3	14.0	14.8	
Heating	Capacity	Btu/h	/	/	/	/	
	Input	W	/	/	/	/	
	Rated current	A	/	/	/	/	
	COP	W/W	/	/	/	/	
Max. input consumption		W	5150	6900	7000	5150	
Max. current		A	22.5	30	31.0	13.5	
Indoor fan motor	Qty		1	1	1	1	
	Type		AC	AC	AC	AC	
	Input	W	253.0	/	/	253.0	
	Capacitor	µF	5	20	20	5	
	Speed(Hi/Mi/Lo)	r/min	1263/1123/1000	800/900/1000	1040/900/800	1263/1123/1000	1040/900/800
Indoor air flow (Hi/Mi/Lo)		m ³ /h	1697/1205/999	2825/2383/2050	2681/2281/1962	1697/1205/999	
ESP	Rated	Pa	37	50	50	37	
	Range	Pa	0-160	0-160	0-160	0-160	
Indoor noise level (Hi/Mi/Lo)		dB(A)	50/42/40	54/51/47	53/50/47	50.5/43/40	
Indoor unit	Dimension(W*D*H)	mm	1100x774x249	1200x874x300	1200x874x300	1100x774x249	
	Packing (W*D*H)	mm	1305x805x315	1405x915x365	1405x915x365	1305x805x315	
	Net/Gross weight	Kg	33/41	45.7/54.6	47/56	33/41	
Drainage water pipe dia		mm	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm	
Qty'per 20' /40' /40'HQ		Indoor unit	77/161/184	62/130/149	62/130/149	77/161/184	
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY	
	Capacity	W	8095	13700	13700	8095	
	Input	W	2200	3700	3700	2200	
	Rated current(RLA)	A	10	7.02	7.02	10	
	Thermal protector position			EXTERNAL	EXTERNAL	EXTERNAL	EXTERNAL
	Refrigerant oil/oil charge	ml	VG74/670	VG74/1400	VG74/1400	VG74/670	
Outdoor fan motor	Qty		1	2	2	1	
	Type		DC	AC	AC	DC	
	Input	W	150.0	143.0	143.0	150.0	
	Capacitor	µF	/	5	5	/	
	Speed	r/min	1050	860	860	1050	
Outdoor air flow		m ³ /h	5100	7500	7200	5100	
Outdoor noise level		dB(A)	67	63	64	64	
Outdoor unit	Dimension(W*D*H)	mm	946x410x810	952x415x1333	952x415x1333	946x410x810	
	Packing (W*D*H)	mm	1090x500x885	1095x495x1480	1095x495x1480	1090x500x885	
	Net/Gross weight	Kg	65/70	95.3/108.1	100/113	66.8/71.5	
Refrigerant type		Kg	R410A/2.8	R410A/4	R410A/4.3	R410A/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)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)	
	Max. refrigerant pipe length	m	30	50	50	30	
	Max. difference in level	m	20	30	30	20	
Operation temperature		°C	17~30	17~30	17~30	17~30	
Room temperature	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30	
	Outdoor(cooling/heating)	°C	0~50/-15~24	0~50/-15~24	0~50/-15~24	0~50/-15~24	
Qty'per 20' /40' /40'HQ		Outdoor unit	44/96/138	22/48/48	22/48/48	44/96/138	

Nominal testing conditions:

Cooling - Indoor 80.0°F DB / 67.0°F WB (26.7°C DB / 19.4°C WB) & Outdoor 95°F DB / 75.0°F WB (35°C DB / 24°C WB)
 Heating - Indoor 70°F DB / 60°F WB (21.1°C DB / 15.6°C WB) & Outdoor 47.0°F DB / 43.0°F WB (8.33°C DB / 6.11°C WB)



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