

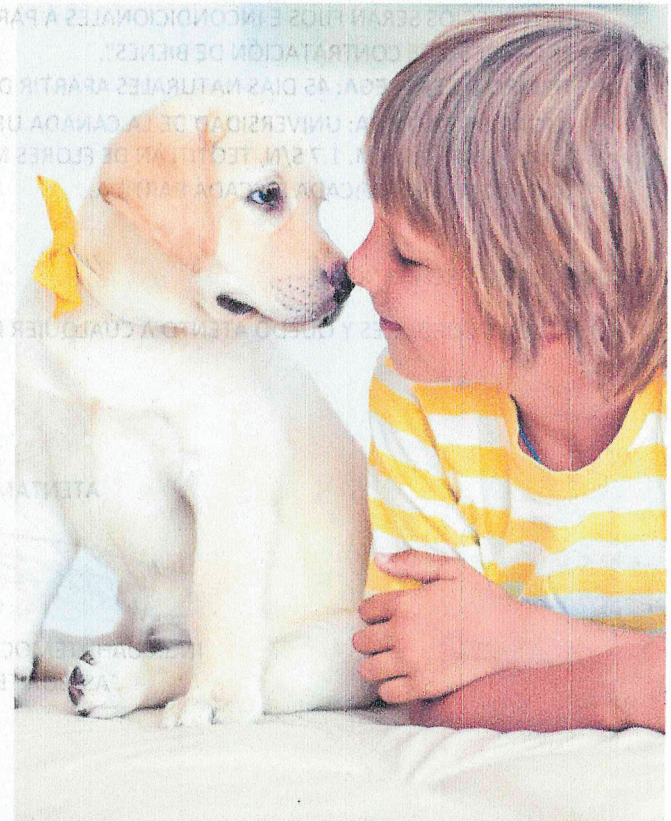


YORK



INSTALL CONFIDENCE

eficiencia energética S.A de C.V
RFC: 5EE181019489



ALTAIR HIGH WALL INVERTER R-410A 60HZ COOLING ONLY

YHJE 12 to 24 ZJ6AXBORX

A complete range from 3.5kW to 6.7kW

ALTAIR HIGH WALL INVERTER R-410A 60HZ COOLING ONLY

Indoor Unit

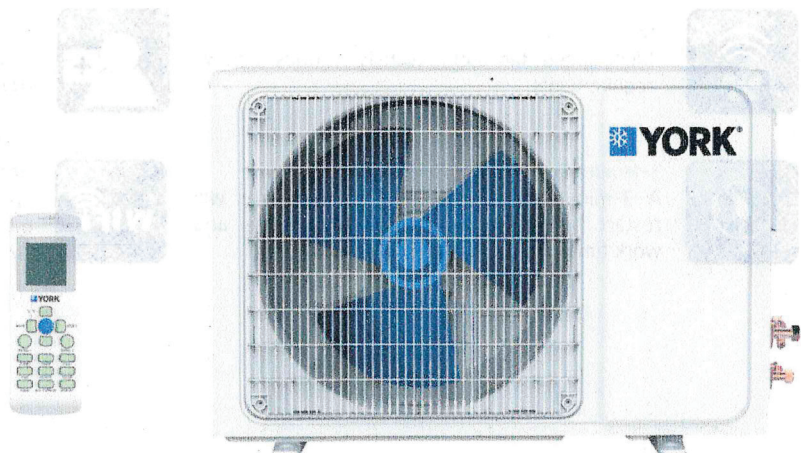
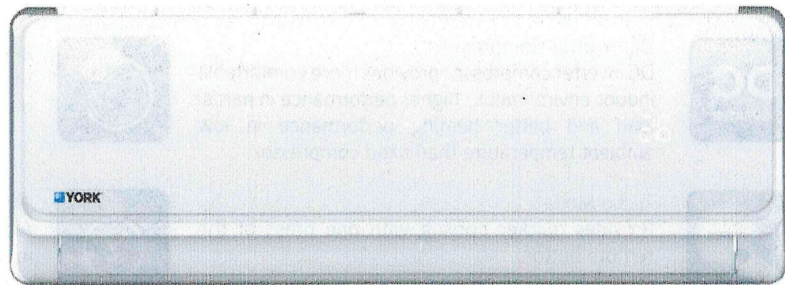
- Modern, compact design
- Efficient cooling
- Hidden display
- 3D Air Flow (Option)
- WIFI (Option)

Remote Control

- 4 operation modes
- Sleep mode and on/off timers
- Turbo cool settings

Condensing Unit

- Fashion appearance
- Convenient installation
- Easy maintenance



The YORK® line of High Wall 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.

ALTAIR HIGH WALL INVERTER R-410A 60HZ COOLING ONLY

Features and Benefits



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.



R-410A

Environmentally-friendly refrigerant cools and heats more efficiently without destroying the ozone layer.



Turbo Mode

Provides quicker cooling with one press of the remote button.



24-Hour Timer

Allows programmed start times up to 24 hours in advance for flexible and more convenient operation.



Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



Self Diagnosis

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



3-Minute Protection

A 3-minute delay before the compressor will restart helps avoid compressor damage and work time.

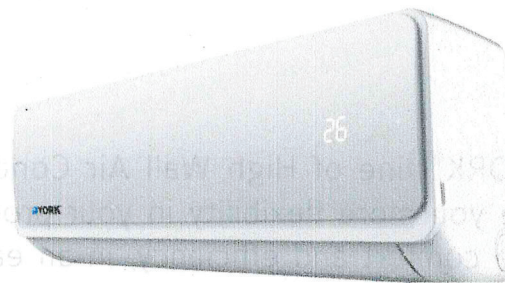


WiFi Control (Option)

Controls air conditioner with Smart phone or tablet through Internet.

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.




Sotermik[®]
Eficiencia Energética S.A de C.V
RFC: SEE181019489

Specification

York Set Model		YHJE12ZJ6AXBORX	YHJE18ZJ6AXBORX	YHJE24ZJ6AXBORX	
York Outdoor Model		YHJE12YJ6AXBO-X	YHJE18YJ6AXBO-X	YHJE24YJ6AXBO-X	
York Indoor Model		YHJE12XJ6AXB-RX	YHJE18XJ6AXB-RX	YHJE24XJ6AXB-RX	
Power supply	V/Ph/Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	
Power supply in		Outdoor unit	Outdoor unit	Outdoor unit	
Cooling	Capacity(Min-Max)	Btu/h	12,000(2,729-12,966)	18,000(4,094-18,425)	23,000(4,776-24,567)
	Power Input(Min-Max)	W	1,250(100-1,500)	2,030(200-2,200)	2,360(200-2,800)
	Current Rated(Min-Max)	A	5.5(0.5-8.0)	9.0(1.0-10.6)	10.7(1.0-13.0)
	SEER	Btu/h·W	16.0	16.0	16.0
	EER	Btu/h·W	9.6	8.8	9.8
Moisture Removal	l/h	0.7	1.1	1.4	
Max. input consumption	W	1,500	2,200	2,800	
Max. current	A	8.0	10.6	13.0	
Indoor fan motor	Power Output	W	18	30	50
	Capacitor	µF	1.5	3	3
	Speed (SH/H/M/L)	rpm	1,280/1,130/1,000/850	1,230/1,080/990/900	1,300/1,150/1,000/850
Indoor air flow (SH/H/M/L)	m ³ /h	600/470/400/350	850/720/650/550	1,250/1,100/950/750	
Indoor noise level (SH/H/M/L)	dB(A)	42/37/32/28	46/41/38/34	51/46/42/37	
Indoor dimension	Unit (WxHxD)	mm	750×285×200	900×310×225	1,082×330×233
	Packing (WxHxD)	mm	800×345×265	950×380×290	1,130×395×300
Indoor weight	Net	kg	8	12	13.5
	Gross	kg	10	14	17
Compressor	Type		Rotary	Rotary	Rotary
	Capacity	W	3,260	4,050	4,470
	Power Input	W	825	1,025	1,145
	Rated current(RLA)	A	5.8	7.25	7.95
	Refrigerant oil	ml	ESTER OIL VG74 370	ESTER OIL VG74 450	ESTER OIL VG74 500
Outdoor fan motor	Power Output	W	24	40	65
	Capacitor	µF	NA (DC Inverter)	NA (DC Inverter)	NA (DC Inverter)
	Speed	rpm	850	900	870
Outdoor air flow	m ³ /h	1,860	2,100	2,800	
Outdoor noise level	dB(A)	52	54	56	
Outdoor dimension	Unit (WxHxD)	mm	730×545×285	795×525×290	825×655×310
	Packing (WxHxD)	mm	850×620×370	920×620×400	932×759×412
Outdoor weight	Net	kg	25.5	32	40
	Gross	kg	29.5	37	44.5
Refrigerant	Type		R-410A	R-410A	R-410A
	Charge	g	820	1,100	1,420
Refrigerant pipe	Liquid side	Ø mm	6.35	6.35	6.35
	Gas side	Ø mm	12.7	12.7	15.88
	Max. refrigerant pipe length	m	15	15	15
	Max. difference in level	m	10	10	10
	Add refrigerant quantity per meter	g	20x(Length-5)	30x(Length-5)	30x(Length-5)
Operation temperature range	°C	16-32	16-32	16-32	
Ambient temperature range	°C	-5-43	-5-43	-5-43	
Application area	m ²	12-20	17-34	23-47	
Qty' per 20' & 40' & 40HQ	Set	101/219/250	79/174/201	59/130/144	

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)



Johnson Controls, the Johnson Controls logo, YORK are registered trademarks of Johnson Controls, Inc in the United States of America and other countries. Other trademarks used herein may be trademarks or registered trademarks of other companies.

FOR MORE INFORMATION CONTACT JOHNSONCONTROLS.COM

© 2017 Johnson Controls, Inc, P.O. Box 423, Milwaukee, WI 53201, All rights reserved worldwide

SHJE16AXBORX-171229



INSTALL CONFIDENCE

[Signature]
Sotermik[®]
Eficiencia Energética S.A de C.V.
RFC: EEE781019489



FLOOR CEILING R-410A 60HZ INVERTER 14-20 SEER
YFK(J)E(18-55)BZT(V)MCMORX

FLOOR CEILING R-410A 60HZ INVERTER 14-20 SEER

Indoor Unit

- Ceiling and Wall Installation Option
- Automatic Up and Down Air Swing
- Low noise
- Washable air filter
- High velocity air flow
- Auto Random Restart
- 2-way Drainage
- Follow me function
- Universal Spare Parts make maintenance much easier
- Fresh air intake (Optional)
- Drain pump (Optional)
- Wired controller (Optional)

Remote Control

- Operation modes: Auto, Cool, Dry, Fan only
- Multi-speed fan setting: High/Medium/Low/Auto
- 24-hour timer setting
- Turbo cool setting
- Background light LCD display

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 Floor ceiling Air Conditioners includes a wide range of sizes to meet many customers' needs. Each model is designed to provide comfort and efficiency, in an easy-to-operate unit and flexible installation makes them an easy fit for a variety of applications. 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.



3-Minute Protection

A 3-minute delay before the compressor will restart helps avoid compressor damage and work time.



24-Hour Timer

Allows programmed start times up to 24 hours in advance for flexible and more convenient operation.



4-Way Airflow

Front air deflectors are adjustable for horizontal or vertical airflow. Airflow can be directed to air condition the whole room or even a particular point providing for better comfort.



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.



Washable Filter

Washable filter allows for convenient service and maintenance.



Auto Restart

Unit is automatically returned to previous operating conditions after a power outage, for simplified operation.



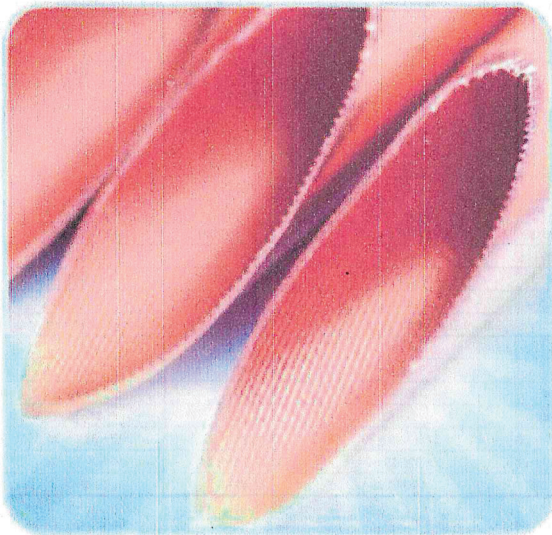
Self Diagnosis

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.



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.

Sotermik
Eficiencia Energética S.A de C.V.
RFC: 5EE181019489

Specification

Set model		YFKE18BZTMCMORX	YFKE24BZTMCMORX	YFKE36BZTMCMORX	YFKE48BZTMCMORX	YFKE58BZTMCMORX	
Outdoor model		YUKE18BYTMCMO-X	YUKE24BYTMCMO-X	YUKE36BYTMCMO-X	YUKE48BYTMCMO-X	YUKE58BYTMCMO-X	
Indoor model		YFKE18BXTMCM-RX	YFKE24BXTMCM-RX	YFKE36BXTMCM-RX	YFKE48BXTMCM-RX	YFKE58BXTMCM-RX	
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	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	
Cooling	Capacity	Btu/h	18000(6300-19440)	24000(8880-26400)	35000(14000-37100)	47000(17390-50760)	55000(22000-59400)
	Input	W	1440(504-1550)	1940(710-2130)	4020(1610-4260)	5470(2020-5910)	6080(2430-6560)
	Rated current	A	6.52	8.79	18.21	24.77	27.54
	EER	W/W	3.66	3.62	2.55	2.52	2.65
	SEER		20.0	20.0	15.6	14.0	14.1
Heating	Capacity	Btu/h	18000(7200-19800)	24000(8880-28800)	36000(12600-39600)	50000(20000-54500)	58000(23200-63220)
	Input	W	1640(656-1800)	1850(680-2220)	3400(1190-3740)	4970(1990-5420)	5310(2120-5780)
	Rated current	A	7.43	8.38	15.40	22.51	24.05
	COP	W/W	3.22	3.80	3.1	2.95	3.2
Max. input consumption	W	3200	3450	5150	6900	7000	
Max. current	A	14	15	22.5	30	31.0	
Indoor fan motor	Qty		1	1	1	2	2
	Type		DC	DC	AC	AC	AC
	Input	W	100.0	100.0	236.0	166.0	216.0
	Capacitor	µF	/	/	5	2.5	6.5
	Speed(Hi/Mi/Lo)	r/min	950/850/750	1350/1260/1120	1263/1123/1000	1435/1295/1165	1640/1530/1430/1370
Indoor air flow (Hi/Mi/Lo)	m ³ /h	932/825/715	1290/1204/1017	1775/1534/1348	2465/2064/1770	2567/2350/2222	
Indoor noise level (Hi/Mi/Lo)	dB(A)	44.5/41.5/36.5	50/47/39.5	54/50/47	56/53/51	58/56/54.5	
Indoor unit	Dimension(W*D*H)	mm	1068x675x235	1068x675x235	1285x675x235	1650x675x235	1650x675x235
	Packing (W*D*H)	mm	1145x755x318	1145x755x318	1360x755x318	1725x755x318	1725x755x318
	Net/Gross weight	Kg	25.9/31	26.5/31.4	32/38	40.1/46.9	44.5/51.5
Drainage water pipe dia	mm	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm	
Qty'per 20' /40' /40'HQ	Indoor unit	102/220/252	102/220/252	92/188/213	72/147/167	72/147/167	
Compressor	Capacity	W	4055	7135	8095	13700	13700
	Input	W	1035	1970	2200	3700	3700
	Rated current(RLA)	A	7.32	6.95	10	7.02	7.02
	Thermal protector position		NA	NA	EXTERNAL	EXTERNAL	EXTERNAL
	Refrigerant oil/oil charge	ml	VG74/450	VG74/670	VG74/670	VG74/1400	VG74/1400
Outdoor fan motor	Qty		1	1	1	2	2
	Type		DC	DC	DC	AC	AC
	Input	W	115.0	150.0	150.0	143.0	143.0
	Capacitor	µF	/	/	/	5	5
	Speed	r/min	850	850	1050	860	860
Outdoor air flow	m ³ /h	2500	3800	5100	7500	7200	
Outdoor noise level	dB(A)	57.5	58.5	67	63	64	
Outdoor unit	Dimension(W*D*H)	mm	845x363x702	946x410x810	946x410x810	952x415x1333	952x415x1333
	Packing (W*D*H)	mm	965x395x775	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
	Net/Gross weight	Kg	47.7/51	64/69	65/70	95.3/108.1	100/113
Refrigerant type	Kg	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	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	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	25	25	30	50	50
	Max. difference in level	m	15	15	20	30	30
Thermostat type		RG94	RG94	RG94	RG94	RG94	
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	102/215/216	44/96/138	44/96/138	22/48/48	22/48/48	

FLOOR CEILING R-410A 60HZ INVERTER 14-20 SEER

Specification

Set model		YFKE36BZVMCMORX	YFKE59BZVMCMORX	YFJE19BZTMCORX	YFJE24BZTMCORX	YFJE36BZTMCORX	
Outdoor model		YUKE36BYVMCMO-X	YUKE59BYVMCMO-X	YUJE18BYTMCMO-X	YUJE24BYTMCMO-X	YUJE36BYTMCMO-X	
Indoor model		YFKE36BXTMCM-RX	YFKE59BXTMCM-RX	YFJE18BXTMCM-RX	YFJE24BXTMCM-RX	YFJE36BXTMCM-RX	
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(14400-38880)	55000(22000-58300)	18000(6300-19440)	24000(8880-26400)	35000(14000-37100)
	Input	W	3970(1590-4280)	5950(2380-6310)	1440(504-1550)	1940(710-2130)	4020(1610-4260)
	Rated current	A	9.97	14.94	6.52	8.79	18.21
	EER	W/W	2.66	2.71	3.66	3.62	2.55
	SEER		15.5	14.3	20.0	20.0	15.6
Heating	Capacity	Btu/h	36000(14400-39240)	55000(22000-59950)	/	/	/
	Input	W	3340(1340-36400)	5040(2020-5490)	/	/	/
	Rated current	A	8.38	12.65	/	/	/
	COP	W/W	3.16	3.2	/	/	/
Max. input consumption	W	5150	7000	3200	3450	5150	
Max. current	A	13.5	20.5	14	15	22.5	
Indoor fan motor	Qty		1	2	1	1	
	Type		AC	AC	DC	DC	AC
	Input	W	236.0	216.0	100.0	100.0	236.0
	Capacitor	µF	5	6.5	/	/	5
	Speed(Hi/Mi/Lo)	r/min	1263/1123/1000	1640/1530/1430/1370	950/850/750	1350/1260/1120	1263/1123/1000
Indoor air flow (Hi/Mi/Lo)	m³/h	1775/1534/1348	2567/2350/2222	932/825/715	1290/1204/1017	1775/1534/1348	
Indoor noise level (Hi/Mi/Lo)	dB(A)	55.5/52/49	58/56.5/55	44.5/41.5/36.5	50/47/39.5	54/50/47	
Indoor unit	Dimension(W*D*H)	mm	1285x675x235	1650x675x235	1068x675x235	1068x675x235	1285x675x235
	Packing (W*D*H)	mm	1360x755x318	1725x755x318	1145x755x318	1145x755x318	1360x755x318
	Net/Gross weight	Kg	32/38	44.5/51.5	25.9/31	26.5/31.4	32/38
Drainage water pipe dia	mm	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm	OD Φ 25mm	
Qty'per 20' /40' /40'HQ	Indoor unit	92/188/213	72/147/167	102/220/252	102/220/252	92/188/213	
Compressor	Capacity	W	8095	13700	4055	7135	8095
	Input	W	2200	3700	1035	1970	2200
	Rated current(RLA)	A	10	7.02	7.32	6.95	10
	Thermal protector position		EXTERNAL	EXTERNAL	NA	NA	EXTERNAL
	Refrigerant oil/oil charge	ml	VG74/670	VG74/1400	VG74/450	VG74/670	VG74/670
Outdoor fan motor	Qty		1	2	1	1	
	Type		DC	AC	DC	DC	DC
	Input	W	150.0	143.0	115.0	150.0	150.0
	Capacitor	µF	/	5	/	/	/
	Speed	r/min	1050	860	850	850	1050
Outdoor air flow	m³/h	5100	7200	2500	3800	5100	
Outdoor noise level	dB(A)	64	64	57.5	58.5	67	
Outdoor unit	Dimension(W*D*H)	mm	946x410x810	952x415x1333	845x363x702	946x410x810	946x410x810
	Packing (W*D*H)	mm	1090x500x885	1095x495x1480	965x395x775	1090x500x885	1090x500x885
	Net/Gross weight	Kg	66.8/71.5	102.6/115.3	47.7/51	64/69	65/70
Refrigerant type	Kg	R410A/2.8	R410A/4.3	R410A/1.95	R410A/2.35	R410A/2.8	
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)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/19mm(3/4in)
	Max. refrigerant pipe length	m	30	50	25	25	30
	Max. difference in level	m	20	30	15	15	20
Thermostat type		RG94	RG94	RG57A3-C	RG57A3-C	RG57A3-C	
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	102/215/216	44/96/138	44/96/138	



5
otermik^o
 Eficiencia Energética S.A de C.V
 RFC: 9EE181019489

Specification

Set model		YFJE48BZTMCORX	YFJE55BZTMCORX	YFJE36BZVMCMORX	YFJE55BZVMCMORX	
Outdoor model		YUJE48BYTMCMO-X	YUJE55BYTMCMO-X	YUJE36BYVMCMO-X	YUJE55BYVMCMO-X	
Indoor model		YFJE48BXTMCM-RX	YFJE55BXTMCM-RX	YFJE36BXTMCM-RX	YFJE55BXTMCM-RX	
Power supply (Indoor)	V- Ph-Hz	220-230V,3Ph,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	220V,3Ph,60Hz	220-230V,3Ph,60Hz	
Cooling	Capacity	Btu/h	47000(17390-50760)	55000(22000-59400)	36000(14400-38880)	55000(22000-58300)
	Input	W	5470(2020-5910)	6080(2430-6560)	3970(1590-4280)	5950(2380-6310)
	Rated current	A	24.77	27.54	9.97	14.94
	EER	W/W	2.52	2.65	2.66	2.71
	SEER		14.0	14.1	15.5	14.3
Heating	Capacity	Btu/h	/	/	/	/
	Input	W	/	/	/	/
	Rated current	A	/	/	/	/
	COP	W/W	/	/	/	/
Max. input consumption	W	6900	7000	5150	7000	
Max. current	A	30	31.0	13.5	20.5	
Indoor fan motor	Qty		2	2	1	2
	Type		AC	AC	AC	AC
	Input	W	166.0	216.0	236.0	216.0
	Capacitor	µF	2.5	6.5	5	6.5
	Speed(Hi/Mi/Lo)	r/min	1435/1295/1165	1640/1530/1430/1370	1263/1123/1000	1640/1530/1430/1370
Indoor air flow (Hi/Mi/Lo)	m ³ /h	2465/2064/1770	2567/2350/2222	1775/1534/1348	2567/2350/2222	
Indoor noise level (Hi/Mi/Lo)	dB(A)	56/53/51	58/56/54.5	55.5/52/49	58/56.5/55	
Indoor unit	Dimension(W*D*H)	mm	1650x675x235	1650x675x235	1285x675x235	1650x675x235
	Packing (W*D*H)	mm	1725x755x318	1725x755x318	1360x755x318	1725x755x318
	Net/Gross weight	Kg	40.1/46.9	44.5/51.5	32/38	44.5/51.5
Drainage water pipe dia	mm	OD Φ25mm	OD Φ25mm	OD Φ25mm	OD Φ25mm	
Qty' per 20' /40' /40'HQ	Indoor unit	72/147/167	72/147/167	92/188/213	72/147/167	
Compressor	Capacity	W	13700	13700	8095	13700
	Input	W	3700	3700	2200	3700
	Rated current(RLA)	A	7.02	7.02	10	7.02
	Thermal protector position		EXTERNAL	EXTERNAL	EXTERNAL	EXTERNAL
	Refrigerant oil/oil charge	ml	VG74/1400	VG74/1400	VG74/670	VG74/1400
Outdoor fan motor	Qty		2	2	1	2
	Type		AC	AC	DC	AC
	Input	W	143.0	143.0	150.0	143.0
	Capacitor	µF	5	5	/	5
	Speed	r/min	860	860	1050	860
Outdoor air flow	m ³ /h	7500	7200	5100	7200	
Outdoor noise level	dB(A)	63	64	64	64	
Outdoor unit	Dimension(W*D*H)	mm	952x415x1333	952x415x1333	946x410x810	952x415x1333
	Packing (W*D*H)	mm	1095x495x1480	1095x495x1480	1090x500x885	1095x495x1480
	Net/Gross weight	Kg	95.3/108.1	100/113	66.8/71.5	102.6/115.3
Refrigerant type		R410A/4	R410A/4.3	R410A/2.8	R410A/4.3	
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	50	50	30	50
	Max. difference in level	m	30	30	20	30
Thermostat type		RG57A3-C	RG57A3-C	RG57A3-C	RG57A3-C	
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	22/48/48	22/48/48	44/96/138	22/48/48	

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)

