



INSTALL CONFIDENCE



GRANDE FLOOR CEILING R-410A 60HZ 2.8 EER
YFGE(18-60)BZTM-MO(S)RX(1)

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

- 5 operation modes: Auto, Cool, Dry, Heat, Fan only
- Multi-speed fan setting: High/Medium/Low/Auto
- 24-hour timer setting
- Turbo cool setting
- Background light LCD display
- Real-time clock 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.



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.



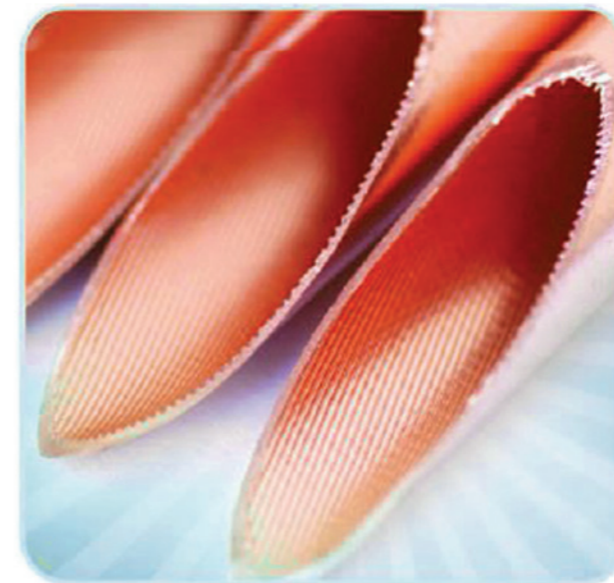
24-Hour Timer
Allows programmed start times up to 24 hours in advance for flexible and more convenient operation.



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



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.



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			YFGE18BZTM-MORX	YFGE24BZTM-MORX	YFGE36BZTM-MORX	YFGE48BZTM-MSR1	YFGE60BZTM-MSR1
YORK Indoor Model			YFGE18BXTM-M-RX	YFGE24BXTM-M-RX	YFGE36BXTM-M-RX	YFGE48BXTM-M-RX	YFGE60BXTM-M-RX
YORK Outdoor Model			YUGE18BYTM-MO-X	YUGE24BYTM-MO-X	YUGE36BYTM-MO-X	YUGE48BYTM-MS-1	YUGE60BYTM-MS-1
Indoor Power supply	V-ph-Hz		220-230-1-60	220-230-1-60	220-230-1-60	220-230-1-60	220-230-1-60
Outdoor Power supply	V-Ph-Hz		220-230-1-60	220-230-1-60	220-230-1-60	220-230-1-60	220-230-1-60
Max. input consumption	W		2500	3770	5000	6550	6800
Max. current	A		11.5	19.5	24	30.5	30
Cooling	Capacity	Btu/h	18000	24000	36000	48000	58000
	Input	W	1884	2512	3768	5024	6071
	EER	W/W	2.80	2.80	2.5	2.8	2.80
Heating	Capacity	Btu/h	18000	24500	36000	48000	60000
	Input	W	1884	2564	3266	4591	6280
	COP	W/W	2.80	2.80	3.23	3.06	2.80
Indoor fan motor	Qty		1	1	2	2	2
	Input	W	175.0	236.0	166.0	166.0	216.0
	Capacitor	µF	2.5	5	2.5	2.5	6.5
	Speed(Hi/Med/Lo)	r/min	1250/980/810	1263/1123/1000	1435/1295/1165	1435/1295/1165	1530/1430/1370
Indoor air flow(Hi/Med/Lo)	m ³ /h	1273/980/784	1795.70/1564.45/1370.89	2440/2033/1754	2388/2003/1734	2542/2311/2193	
Indoor noise level (sound pressure)(Hi/Med/Lo)	dB(A)	53/46/40	56/52/49	56/52/48	57/52/48	58/55/53	
Throttle type			Throttle valve	Throttle valve	Throttle valve	Throttle valve	
Indoor unit	Dimension (WxDxH)	mm	1068x675x235	1285x675x235	1650x675x235	1650x675x235	1650x675x235
	Packing (WxDxH)	mm	1145x755x313	1360x755x313	1725x755x313	1725x755x313	1725x755x313
	Net/Gross weight	kg	27.4/32.4	30.4/36.1	41.1/47.8	41.3/48.1	45.3/52.2
Design pressure	MPa	4.2/1.5	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	ODØ25	
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")	Ø9.52/Ø22(3/8"/7/8")	Ø9.52/Ø22(3/8"/7/8")
Controller			Remote control	Remote control	Remote control	Remote control	Remote control
Operation temperature	°C		17~30	17~30	17~30	17~30	17~30
Room temperature	Cooling	°C	17~32	17~32	17~32	17~32	17~32
	Heating	°C	0~30	0~30	0~30	0~30	0~30
Qty'per 20' /40' /40'HQ (indoor unit)			102/220/252	92/188/213	72/147/167	72/147/167	72/147/167
Compressor	Type		ROTARY	ROTARY	ROTARY	SCROLL	SCROLL
	Capacity	W	5155	7300	10150	14300	16800
	Input	W	1660	2315	3310	4540	5460.0
	Rated current(RLA)	A	7.35	10.25	15.5	25.1	31.50
	Locked rotor Amp(LRA)	A	41.9	62	86	138.0	178
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	µF	40.0	60	45	80	80
Refrigerant oil	ml	ESTEL OIL VG74/420	ESTER OIL VG74/700	FV50S/750	3MAF POE/1242	3MAF POE/1242	
Outdoor fan motor	Qty		1	1	1	2	2
	Input	W	136.0	136.0	270.0	143.0	143.0
	Capacitor	µF	3	3	10	5UF/450V	5UF/450V
	Speed	r/min	930/830	930/830	830/780	860/780	860/780
Outdoor air flow	m ³ /h	2800	2800	5100	7200	7200	
Outdoor noise level (sound pressure)	dB(A)	59	60	64	62	62	
Outdoor unit	Dimension(WxDxH)	mm	845x363x702	845x363x702	946x410x810	952x415x1333	952x415x1333
	Packing (WxDxH)	mm	965x395x765	965x395x765	1090x500x875	1095x495x1480	1095x495x1480
	Net/Gross weight	kg	44.6/47.8	53.2/56.5	73.6/78.2	108.6/121.9	120/132
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Charged volume	kg	1.45	2	3.0	3.7	4.2
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	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø22(3/8"/7/8")	Ø9.52/Ø22(3/8"/7/8")
	Max. refrigerant pipe length	m	25	25	30	50	50
	Max. difference in level	m	15	15	20	30	30
Ambient temperature	Cooling	°C	18~43	18~43	18~43	18~43	18~43
	Heating	°C	-7~24	-7~24	-7~24	-7~24	-7~24
Qty'per 20' /40' /40'HQ (outdoor unit)			102/215/216	102/215/216	44/96/144	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)

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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