



INSTALL CONFIDENCE



GRANDE MID STATIC PRESSURE DUCT 60HZ R410A TOP DISCHARGE
YNEFZC(24-55)BAA(Q)DA(B)G1

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
- High efficiency compressor
- Low noise
- Valve protection



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.



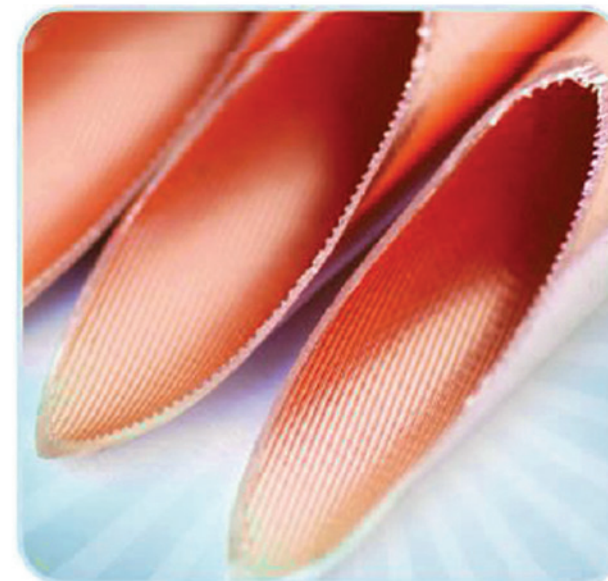
24-Hour Timer

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		YNEFZC024BAADAG1	YNEFZC036BAADAG1	YNEFZC048BAADB1	YNEFZC055BAADB1	YNEFZC036BAQDB1	YNEFZC048BAQDB1	YNEFZC055BAQDB1	
York Indoor Model		YNEFXC024BAAD-G1	YNEFXC036BAAD-G1	YNEFXC048BAAD-G1	YNEFXC055BAAD-G1	YNEFXC036BAAD-G1	YNEFXC048BAAD-G1	YNEFXC055BAAD-G1	
York Outdoor Model		YNVFYC024BAADA-X	YNVFYC036BAADA-X	YNVFYC048BAADB-1	YNVFYC055BAADB-1	YNVFYC036BAQDB-1	YNVFYC048BAQDB-1	YNVFYC055BAQDB-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	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	220-230-3-60	220-230-3-60	220-230-3-60	
Max. input consumption	W	3800	5350	5600	6800	5350	5600	6800	
Max. current	A	17.5	24.5	25	30	14	17	21	
Cooling	Capacity	Btu/h	24000	36000	48000	56000	36000	48000	56000
	Input	W	2510	3770	5020	5860	3770	5020	5860
	EER	W/W	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Indoor fan motor	Qty		1	1	1	1	1	1	
	Input	W	193/153/118	320/186/141	640/510/410	640/510/410	320/186/141	640/510/410	640/510/410
	Capacitor	µF	5UF/450V	8UF/450V	20UF/450V	20UF/450V	8UF/450V	20UF/450V	20UF/450V
	Speed(Hi/Med/Lo)	r/min	900/750/650	1150/870/760	1000/900/800	1000/900/800	1150/870/760	1000/900/800	1000/900/800
Indoor air flow (Hi/Med/Lo)	m ³ /h	1207.8/1025.2/842.6	1723/1184/973	2829/2396/2060	2829/2396/2060	1723/1184/973	2829/2396/2060	2829/2396/2060	
ESP	Rated	Pa	25	37	50	50	37	50	
	Range	Pa	0-80	0-100	0-160	0-160	0-100	0-160	
Indoor noise level (Hi/Med/Lo)	dB(A)	43.1/42.0/41.6	48.0/43.0/40.8	54.5/50.9/48.5	54.5/50.9/48.5	48.0/43.0/40.8	54.5/50.9/48.5	54.5/50.9/48.5	
Throttle type		Throttle valve	Throttle valve	Throttle valve	Throttle valve	Throttle valve	Throttle valve	Throttle valve	
Indoor unit	Dimension (WxDxH)	mm	1100x774x249	1100x774x249	1200x865x300	1200x865x300	1100x774x249	1200x865x300	1200x865x300
	Packing(WxDxH)	mm	1305x805x305	1305x805x305	1405x920x373	1405x920x373	1305x805x305	1405x920x373	1405x920x373
	Net/Gross weight	kg	32.6/39.9	33.7/41	48.6/58.1	48.6/58.1	33.7/41	48.6/58.1	48.6/58.1
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	4.2/1.5	
Drainage water pipe diameter	mm	ODØ25	ODØ25	ODØ25	ODØ25	ODØ25	ODØ25	ODØ25	
Refrigerant piping	Liquid side/ Gas side	mm	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")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø22(3/8"/7/8")	Ø9.52/Ø22(3/8"/7/8")
Controller		Wired control	Wired control	Wired control	Wired control	Wired control	Wired control	Wired control	
Operation temperature	°C	17-30	17-30	17-30	17-30	17-30	17-30	17-30	
Room temperature	Cooling °C	17-32	17-32	17-32	17-32	17-32	17-32	17-32	
Qty' per 20' /40' /40'HQ	Indoor	77/161/184	77/161/184	60/126/147	60/126/147	77/161/184	60/126/147	60/126/147	
Compressor	Type		ROTARY	ROTARY	Scroll	Scroll	ROTARY	Scroll	
	Capacity	Btu/h	24617	34529	48800	57000	35314	49000	57500
	Input	W	2310	3260	4540	5460	3400	4537	5320
	Rated current(RLA)	A	11.3	15.6	25.1	25.6	10.9	18.7	15.2
	Locked rotor Amp(LRA)	A	62	72	138	178	81	136.8	136
	Thermal protector position		Internal	Internal	Internal	Internal	Internal	Internal	Internal
	Capacitor	µF	60uF/450V	45uF/450V	80uF/450V	80uF/440V	/	/	/
	Refrigerant oil	ml	700	1867	1242	1242	880	1242	1242
Outdoor fan motor	Qty		1	1	1	1	1	1	
	Input	W	305	305	310	310	310	310	
	Capacitor	µF	6UF/450V	6UF/450V	12uF/450V	12uF/450V	12uF/450V	12uF/450V	12uF/450V
	Speed	r/min	1110	1110	1095	1095	1095	1095	1095
Outdoor air flow	m ³ /h	5100	5100	7400	7400	7400	7400	7400	
Outdoor noise level (sound pressure)	dB(A)	65	67	68	64	68	68	64	
Outdoor unit	Dimension(WxDxH)	mm	600x600x633	600x600x633	710x710x759	740x740x843	710x710x759	710x710x759	740x740x843
	Packing (WxDxH)	mm	628x628x667	628x628x667	738x738x794	768x768x872	738x738x794	738x738x794	768x768x872
	Net/Gross weight	kg	43/46.5	60/63.5	75/78.5	88.1/92.8	73.3/77.8	75/78.5	88.1/92.8
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	
	Charged volume	kg	1.6	3.0	3.7	4.2	2.6	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	4.2/1.5	4.2/1.5	
Refrigerant piping	Liquid side/ Gas side	mm	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")	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	30	50	50	30	50	50
	Max. difference in level	m	15	20	25	25	20	25	25
Ambient temperature	Cooling °C	0-50	0-50	0-50	0-50	0-50	0-50	0-50	
Qty' per 20' /40' /40'HQ (outdoor unit)		81/171/228	81/171/228	42/96/144	72/147/167	42/96/144	42/96/144	72/147/167	

Nominal testing conditions:

Cooling-Indoor 80.60°F DB/66.2°F WB(27.00°C DB/19.00°C WB) & outdoor 95°F DB/75.20°F WB(35.00°C DB/24.00°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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