



INSTALL CONFIDENCE



GRANDE MID STATIC PRESSURE DUCT 60HZ R410A TOP DISCHARGE  
YEFE(12-60)BNTMAMOWX

### 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.



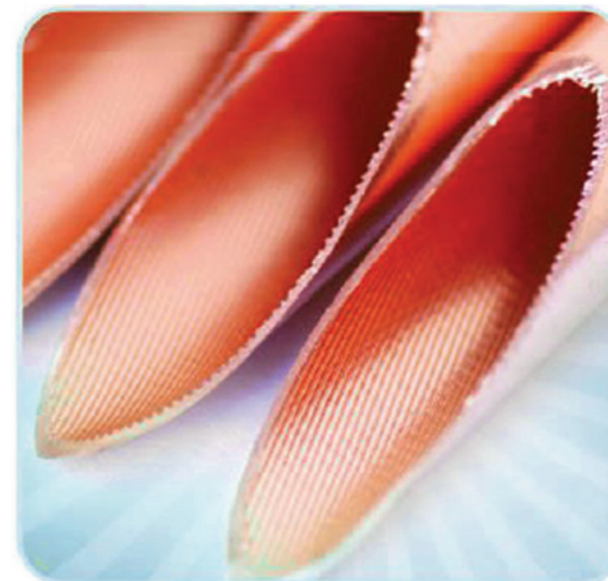
**Auto Restart**  
Unit is automatically returned to previous operating conditions after a power outage, for simplified operation.



**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 Number		YEFE36BNTMAMOWX	YEFE36BNVMAMOWX	YEFE48BNTMAMSX	YEFE48BNVMAMSX	YEFE60BNTMAMSX	YEFE60BNVMAMSX	
York Indoor Model Number		YEFE36BVTMAM-WX	YEFE36BVTMAM-WX	YEFE48BVTMAM-WX	YEFE48BVTMAM-WX	YEFE60BVTMAM-WX	YEFE60BVTMAM-WX	
York Outdoor Model Number		YVFE36BMTMAMO-X	YVFE36BMVVMAMO-X	YVFE48BMTMAMS-X	YVFE48BMVVMAMS-X	YVFE60BMTMAMS-X	YVFE60BMVVMAMS-X	
Outdoor Power Supply	V-Ph-Hz	220-230V,1Ph,60Hz	220-230V,3Ph,60Hz	220-230V,1Ph,60Hz	220-230V,3Ph,60Hz	220-230V,1Ph,60Hz	220-230V,3Ph,60Hz	
Indoor Power supply	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	
Max. input consumption	W	5400	5000	6500	6250	7625	7700	
Max. current	A	25.5	15.0	30.7	18.1	34.6	23.4	
Cooling (T1)	Capacity	Btu/h	36000	36000	48000	48000	60000	
	Input	W	3994	3994	5138.6	5138.6	6760	
	EER	W/W	2.64	2.64	2.74	2.74	2.6	
Indoor fan motor	Qty		1	1	1	1	1	
	Input	W	239/186/141	239/186/141	640/510/410	640/510/410	640/510/410	640/510/410
	Capacitor	µF	8	8	20	20	20	20
	Speed(Hi/Mi/Lo)	r/min	1150/990/870/760	1150/990/870/760	1210/1040/900/800	1210/1040/900/800	12010/1040/900/800	12010/1040/900/800
Indoor air flow (Hi/Mi/Lo)	m <sup>3</sup> /h	1725/1193/991	1725/1193/991	2644/2211/1832	2644/2211/1832	2604/2180/1885	2604/2180/1885	
ESP	Rated	Pa	37	37	50	50	50	
	Range	Pa	0-160	0-160	0-160	0-160	0-160	
Sound level (sound pressure)	dB(A)	49.8/42.3/40	49.8/42.3/40	52.1/48.6/45.1	52.1/48.6/45.1	52.4/49.7/46.9	52.4/49.7/46.9	
Throttle type		Throttle valve	Throttle valve	Throttle valve	Throttle valve	Throttle valve	Throttle valve	
Indoor unit	Dimension(W*D*H)	mm	1100x774x249	1100x774x249	1200x874x300	1200x874x300	1200x874x300	
	Packing (W*D*H)	mm	1305x805x305	1305x805x305	1405x915x355	1405x915x355	1405x915x355	
	Net/Gross weight	Kg	33.7/41	33.7/41	47.5/56.3	47.5/56.3	48.8/57.9	48.8/57.9
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	
Drainage water pipe dia.	mm	ODØ25mm	ODØ25mm	ODØ25mm	ODØ25mm	ODØ25mm	ODØ25mm	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	
Controller		Wired controller	Wired controller	Wired controller	Wired controller	Wired controller	Wired controller	
Operation temperature	°C	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	
Qty'per 20' /40' /40'HQ	Indoor unit		77/161/184	77/161/184	62/130/149	62/130/149	62/130/149	
Compressor	Type		ROTARY	ROTARY	SCROLL	SCROLL	SCROLL	
	Capacity	W	10450	10350	14300	14400	15800	
	Input	W	3480	3400	4540	4537	5650	
	Rated current(RLA)	A	17.0	10.9	25.1	18.7	25.8	
	Locked rotor Amp(LRA)	A	89	81	138.0	136.8	139.0	
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	
	Capacitor	µF	80.0	/	80.0	/	60.0	
Refrigerant oil/oil charge	ml	α 68HES-H or equivalent/880ml	α 68HES-H or equivalent/880ml	3MAF POE/1242	3MAF POE/1242	FV68S or Equivalent/1400	FV68S or Equivalent/1700	
Outdoor fan motor	Qty		1	1	1	1	1	
	Input	W	300.0	300.0	318.0	318.0	318.0	
	Capacitor	µF	6	6	12	12	12	
	Speed	r/min	1100	1100	1095	1095	1095	
Outdoor air flow		4500	4500	7400	7400	0	6500	
Outdoor noise level	dB(A)	65.5	65.5	64.7	59.6	64.4	64.4	
Outdoor unit	Dimension(W*D*H)	mm	600x600x759	600x600x759	710x710x759	710x710x759	710x710x843	
	Packing (W*D*H)	mm	628x628x794	628x628x794	738x738x794	738x738x794	738x738x872	
	Net/Gross weight	Kg	57.8/61.4	56.8/60.6	71.8/76.1	69.7/74	80/85	80/85
Refrigerant type	Type		R410A	R410A	R410A	R410A	R410A	
	Charged volume	Kg	1.9	1.9	2.2	2.3	2.2	2.2
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.8/1.5	4.2/1.5	4.2/1.5	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	
	Max. refrigerant pipe length	m	30	30	50	50	50	
	Max. difference in level	m	20	20	30	30	30	
Room temperature	Cooling	°C	18~43	18~43	18~43	18~43	18~43	
Qty'per 20' /40' /40'HQ	Outdoor unit		54/114/171	54/114/171	42/96/144	42/96/144	42/96/142	

### Nominal testing conditions:

Cooling-Indoor 80.06°F DB/66.92°F WB(26.70°C DB/19.40°C WB) & outdoor 95°F DB/75.02°F WB (35.00°C DB/23.90°C WB)  
 Heating-Indoor 69.98°F DB/60.08°F WB(21.10°C DB/15.60 °C WB) & outdoor 46.94°F DB/42.98°F WB (8.30°C DB/6.10°C WB)



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