



YORK® Cassette Inverter

YTKE 18 and YKKE24 to 55 HEAT PUMP

A complete range from 18000 btu/h to 55000 btu/h



Features

- 4-way blow with 360° air outlet
- Super slim compact design
- Built-in drain pump
- Fresh air-intake
- Follow-me function
- Low noise
- Washable air filter
- Auto-restart
- Universal spares
- High efficiency compressor
- 3-minute protection
- Valve protection cover
- Easy installation & maintenance
- Sturdy & durable build
- Wired controller (optional)

Remote Control



- 5 operation modes: Auto/Cool/Dry/Heat/Fan
- Multi-speed fan setting: High/Medium/Low/Auto
- 24-hour timer setting
- Backlit LCD display
- Auto-restart function
- Real-time clock display

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A complete range from 18000 btu/h to 55000 btu/h



Auto Restart



Self Diagnosis



24-Hour Timer



Muti-Speed Fan



3-Minute Protection



Washable Filter



Low Ambient Cooling at -15°C



DC Inverter Compressor



Technical features

York set model		YTKE18BZEEMORX	YKKE24BZEEMORX	YKKE36BZEEMORX	YKKE48BZEEMORX	YKKE55BZEEMORX	
York indoor model		YTKE18BXEEM-RX	YKKE24BXEEM-RX	YKKE36BXEEM-RX	YKKE48BXEEM-RX	YKKE55BXEEM-RX	
York outdoor model		YUKE18BYEEMO-X	YUKE24BYEEMO-X	YUKE36BYEEMO-X	YUKE48BYEEMO-X	YUKE55BYEEMO-X	
Power supply (Outdoor)	V- Ph-Hz	220-240-1-50	220-240-1-50	220-240-1-50	380-415-3-50	380-415-3-50	
Max. input consumption	W	2200	2950	4500	6100	7500	
Max. input current	A	10.0	14.0	21.0	13.0	14.0	
Cooling	Capacity	Btu/h	18000(2700-21000)	24000(4100-28000)	36000(10000-41000)	47000(13600-55000)	55000(17000-63000)
	Capacity	kW	5.28(0.79-6.15)	7.03(1.20-8.21)	10.55(2.93-12.02)	13.78(3.99-16.12)	16.12(4.98-18.46)
	Input	W	1630(270-2365)	2170(400-3155)	4060(975-4620)	5159(1330-6200)	6395(1660-7100)
	Current	A	7.5(1.2-10.9)	9.9(1.8-14.4)	18.5(4.2-20.1)	8.9(2.3-10.7)	11.0(2.9-12.3)
	SEER	W/W	6.3	6.1	6.1	5.6	5.6
	Energy Efficiency Class		A++	A++	A++	A+	A+
Heating	Capacity	Btu/h	19000(3000-24000)	24000(4100-29500)	38000(9000-45000)	53000(14300-60000)	62000(18000-70000)
	Capacity	kW	5.57(0.88-7.03)	7.03(1.20-8.65)	11.13(2.64-13.19)	15.53(4.19-17.59)	18.17(5.28-20.51)
	Input	W	1500(295-2510)	1900(400-3090)	3085(880-4690)	4555(1400-6765)	5735(1760-7320)
	Current	A	6.8(1.38-11.50)	8.7(1.8-14.1)	13.4(3.8-20.4)	6.9(2.1-11.7)	9.9(3.0-12.6)
	SCOP	W/W	4.0	4.0	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+	A+	A+
Indoor fan motor	Qty		1	1	1	1	
	Output	w	46(Output)	124(Output)	124(Output)	124(Output)	170(Output)
	Capacitor	µF	---	---	/	---	---
	Speed(hi/mi/lo)	r/min	750/630/570	700/600/450	730/670/600	780/680/600	800/680/580
Indoor air flow (Hi/Mi/Lo)	m³/h	660/550/490	1450/1250/1100	1900/1750/1460	1850/1600/1400	1900/1650/1450	
Indoor sound pressure level (Hi/Mi/Lo)	dB(A)	46/42/38	46/42/39	53/50/47	55/51/48	52/49/46	
Indoor sound power level (Hi)	dB(A)	56	61	61	63	68	
Indoor unit	Dimension (WxDxH)(body)	mm	570x570x260	840x840x245	840x840x245	840x840x287	840x840x287
	Packing (WxDxH)(body)	mm	655x655x290	900x900x257	900x900x257	900x900x292	900x900x292
	Dimension (WxDxH)(panel)	mm	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (WxDxH)(panel)	mm	715x715x123	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg	16.5/19	24/28	25.6/29.6	28/32.1	31/34
	Net/Gross weight	kg	2.5/4.5	5/8	5/8	5/8	5/8
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 dia.	mm	ODØ25	ODØ32	ODØ32	ODØ32	ODØ32	
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/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
Room temperature	Cooling/Heating	°C	17-32/0-30				
Qty'per 20' /40' /40'HQ	Indoor		234/488/566	128/268/294	128/268/294	100/212/238	100/212/238
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Input	W	1035	1970	2600	3420	3420
	Rated current(RLA)	A	7.32	6.95	5.10	6.85	6.85
	Refrigerant oil	ml	ESTER OIL VG74/450	POE(VG74)/670	PQE(VG74)/1000	Ester Oil VG74/1400	Ester Oil VG74/1400
Outdoor fan motor	Qty		1	1	1	2	2
	Output	W	40(Output)	50(Output)	120(Output)	85(Output) x2	85(Output) x2
	Speed(Hi)	r/min	850	760	950	850	850
Outdoor air flow	m³/h	2100	2700	4300	6800	7200	
Outdoor sound pressure level/Outdoor sound power level	dB(A)	56.5/64	60.5/65	61/66	65/72	62.5/75	
Outdoor unit	Dimension(WxDxH)	mm	800x333x554	845x363x702	946x410x810	952x410x1333	952x410x1333
	Packing(WxDxH)	mm	920x390x615	965x395x755	1090x500x865	1095x500x1470	1095x500x1470
	Net/Gross weight	kg	35.5/38.4	49/51.5	67.2/72.9	108.1/121.2	112.8/126
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	GWP		2088	2088	2088	2088	2088
	Charged quantity	kg	1.48	1.95	3.2	4	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)	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m	30	50	65	65	65
	Max. difference in level	m	20	25	30	30	30
Ambient temperature	Cooling/Heating	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24
Qty'per 20' /40' /40'HQ	Outdoor		108/219/292	102/216/216	44/96/144	22/46/46	22/46/46

Nominal cooling capacity based on : - Indoor Air Temp. 27°C DB / 19°C WB - Outdoor Air Temp. 35°C DB

Nominal heating capacity based on : - Indoor Air Temp. 21°C DB - Outdoor Air Temp. 7°C DB/6°C WB