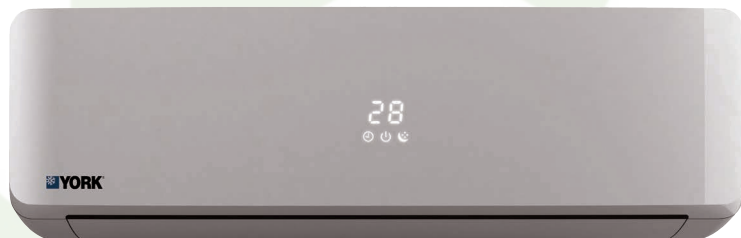




YORK® Midwall Inverter

Y5HJZH 09 to 30 HEAT PUMP

A complete range from 9000 btu/h to 30000 btu/h



Features

- Efficient cooling and heating modes
- DC inverter compressor
- Modern design
- Low noise
- Auto-restart
- Universal spares
- Valve protection cover
- Easy installation & maintenance
- Sturdy & durable build
- Blue fin protection

Remote Control



- 4 operation modes: Cool/Dry/Heat/Fan
- Sleep mode and on/off timers
- 4D auto-swing
- Smart (fuzzy-logic) operation
- I-Feel technology

Y5HJZH 09 to 30

A complete range from 9000 btu/h to 30000 btu/h



Auto Restart



I-Feel



24-Hour Timer



Muti-Speed Fan



3-Minute Protection



4D Auto-Swing



DC Inverter Compressor



Technical features

York set model		Y5HJZH009BAM-AFY	Y5HJZH012BAM-AFY	Y5HJZH018BAM-AFY	Y5HJZH024BAM-AFY	Y5HJZH030BAM-AFY
York indoor model		Y5HJYH009BAM-A-Y	Y5HJYH012BAM-A-Y	Y5HJYH018BAM-A-Y	Y5HJYH024BAM-A-Y	Y5HJYH030BAM-A-Y
York outdoor model		Y5HJXH009BAM--FY	Y5HJXH012BAM--FY	Y5HJXH018BAM--FY	Y5HJXH024BAM--FY	Y5HJXH030BAM--FY
Power supply	Ph-V-Hz	1P,220-230V~,50Hz	1P,220-230V~,50Hz	1P,220-230V~,50Hz	1P,220-230V~,50Hz	1P,220-230V~,50Hz
Cooling	Capacity (Min/Max)	Btu/h 9000 (3344-10918)	12010 (5698-12863)	18084 (4094-20300)	24000 (11942-26221)	29500 (10920-30710)
	Capacity (Min/Max)	W 2640 (980-3200)	3520 (1670-3770)	5300 (1200-5950)	7035 (3500-7685)	8645 (3200-9000)
	Input (Min/Max)	W 810 (290-1250)	1090 (490-1455)	1620 (400-2155)	2100 (900-2520)	2490 (680-3200)
	Current (Min/Max)	A 3.7 (1.3-5.6)	5 (2.2-6.5)	7.6 (1.8-9.6)	9.4 (4.0-11.2)	10.9 (3.1-14.5)
	EER	W/W 3.26	3.23	3.27	3.35	3.47
Heating	Capacity (Min/Max)	Btu/h 9366 (3958-10918)	12283 (5698-15010)	18766 (5323-23714)	25249 (11020-30708)	29500 (10920-33438)
	Capacity (Min/Max)	W 2745 (1160-3200)	3600 (1670-4400)	5500 (1560-6950)	7400 (3230-9000)	8645 (3200-9800)
	Input (Min/Max)	W 760 (330-1230)	997 (495-1550)	1523 (380-2390)	2050 (910-3070)	2460 (650-3400)
	Current (Min/Max)	A 3.5 (1.5-5.5)	4.7 (2.2-6.9)	7.2 (1.7-10.6)	9.2 (4.1-13.6)	10.8 (2.9-15.1)
	COP	W/W 3.61	3.61	3.61	3.61	3.51
Max. input consumption	W	1,500	1,600	2,300	3,400	3800
Max. current	A	7.5	8.0	12.7	16	19.6
Moisture Removal	l/h	1.2	1.8	2.4	2.8	3.2
Compressor	Type	"Rotary DC Inverter Motor"	"Rotary DC Inverter Motor"	"Rotary DC Inverter Motor"	"Rotary DC Inverter Motor"	"Rotary DC Inverter Motor"
	Input	W 680	825	1,160	2,070	2265
	Rated current(RLA)	A 4.9	5.8	8.1	8.8	9.35
	Locked rotor Amp(LRA)	A NA	NA	NA	NA	NA
	Thermal protector position	Top	Top	Top	Top	Top
	Capacitor	uF NA	NA	NA	NA	NA
	Refrigerant oil/oil charge	ml 280	370	500	630	630
Indoor fan motor	Input	W 32	32	75	87	105
	Output	W 15	15	35	50	70
	RLA	A 0.18	0.18	0.37	0.42	0.48
	LRA	A 0.27	0.27	0.43	0.77	0.88
	Capacitor	uF 1.5	1.5	2	-(DC Inverter)	-(DC Inverter)
	Speed(Hi/Mi/Lo)	rpm 1,150/990/800	1,150/990/800	1,150/990/820	1,200/1,040/880	1150/1000/850
Indoor air flow (Hi/Mi/Lo)	m3/h 600/540/480	620/570/510	1,000/850/720	1,150/950/820	1800/1560/1330	
Indoor noise level (Hi/Mi/Lo)	dB(A) 39/36/34	40/37/35	43/40/37	50/45/40	48/46/42	
Indoor unit	Dimension(WxHxD)	mm 780×270×208	850×270×208	960×315×230	1,131×315×230	1280×360×260
	Packing (WxHxD)	mm 830×335×260	900×335×260	1,022×380×302	1,220×400×310	1365×435×325
	Net/Gross weight	kg 8.5/10	9/11	12.5/15.5	13.5/17	18/21.5
Outdoor fan motor	Input	W 52	52	83	145	175
	Output	W 25	25	41	70	102
	RLA	A 0.24	0.24	0.39	0.67	0.78
	LRA	A 0.5	0.5	0.7	0.95	1.1
	Capacitor	uF 1.5	1.5	3	-(DC Inverter)	-(DC Inverter)
	Speed	r/min 850	850	910	780	920
Outdoor air flow	m3/h 1,800	1,800	2,200	3,000	3400	
Outdoor noise level	dB(A) 54	54	56	60	58	
Outdoor unit	Dimension(WxHxD)	mm 715×482×240	715×482×240	810×585×280	884×793×365	884×793×365
	Packing (WxHxD)	mm 830×530×340	830×530×340	940×630×385	1050×890×500	1050×890×500
	Net/Gross weight	kg 24/26	28/30	38/41	56/64	60/65
Refrigerant type	g R410A/610	R410A/930	R410A/1340	R410A/1860	R410A/2300	
Refrigerant precharge	ft 16.4	16.4	16.4	16.4	16.4	
Design pressure	PSIG 232/602	232/602	232/602	232/602	232/602	
Refrigerant piping	Liquid side/ Gas side	mm(inch) 6.35(1/4)/9.53(3/8)	6.35(1/4)/9.53(3/8)	6.35(1/4)/12.7(1/2)	9.53(3/8)/15.88(5/8)	9.53(3/8)/15.88(5/8)
	Max. refrigerant pipe length	m 15	15	15	15	15
	Max. difference in level	m 5	5	5	5	5
Connection wiring		4×1.0mm2	4×1.0mm2	4×1.5mm2	4X2.5mm2	"4X0.75mm2 (Power:3X2.5mm2)"
Thermostat type		NTC	NTC	NTC	NTC	NTC
Operation temperature	Indoor(cooling/ heating)	Deg C 21-32/20-27	21-32/20-27	21-32/20-27	21-32/20-27	21-32/20-27
	Outdoor(cooling/heating)	Deg C 21-43/-10-24	21-43/-10-24	21-43/-10-24	21-43/-10-24	21-43/-10-24
Application area	m2 9-14	12-24	18-28	26-38	33-50	
Qty' per 20' /40' /40'HQ With Pipe	set 135/281/330	134/280/320	86/180/201	42/92/114	42/88/106	

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