

High Wall Air Conditioner

YHCA-YHHA R-22 60Hz Class C Series

With more than 130 years experience in heating, ventilation, air-conditioning, and refrigeration (HVAC&R) product and services, YORK's array of air conditioners provides the ultimate comfort for your home and office by creating a cool, heat, quiet and dry living environment. So with YORK air conditioners, you can sit back and enjoy a lazy afternoon. Everything else will just become more splendid.



Product 07-24

- Modern design / Compact shape
- Efficient cooling and heating
- Auto restart function
- Low noise
- Air sweep



Controller

- Wireless version available
- 5 operation modes (auto / cool / dry / heat / fan)
- Sleep mode and independent On-Off timers
- 3 speeds fan control
- LCD display



Condensing Units

- Quiet operation
- High efficiency compressor
- Convenient installation
- Easy maintenance
- Built-in drain pipe connector for condensate (heat pump only)



Specifications: YHCA07-24FSAADK

York model		Set	YHCA07FSAADK	YHCA09FSAADK	YHCA12FSAADK	YHCA18FSAADK	YHCA24FSAADK
Power supply		V/Ph/Hz	208-230V/1Ph/60HZ	208-230V/1Ph/60HZ	208-230V/1Ph/60HZ	208-230V/1Ph/60HZ	208-230V/1Ph/60HZ
Cooling	Capacity	Btu/h	7000	9000	12000	18000	24000
	Input	W	680	920	1200	1850	2150
	Rated current	A	3.1	4.2	5.4	9	9.8
Heating	Capacity	Btu/h	-	-	-	-	-
	Input	W	-	-	-	-	-
	Rated current	A	-	-	-	-	-
Max. input consumption		W	850	1440	1880	2600	2680
Max. current		A	4	6.5	8.4	12.5	13.8
Starting current		A	20.0	32.5	42.0	62.5	69.0
Indoor coil	Number of row		2	2	2	2	2
	Fin spacing	mm	1.4	1.4	1.4	1.6	1.7
	Fin material		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dimension	mm	Ø7	Ø7	Ø7	Ø7.94	Ø9.52
	Tube material		Innergrooved copper tube	Innergrooved copper tube	Innergrooved copper tube	Innergrooved copper tube	Innergrooved copper tube
	Coil face area	m ²	0.13	0.15	0.15	0.23	0.28
Indoor fan motor	Output	W	19	19	19	30	30
	Running current	A	0.28	0.28	0.28	0.35	0.35
	Capacitor	UF	1.5	1.5	1.5	2.0	2.0
	Speed (Hi/Me/Lo)	rpm	1050/950/850	1180/1080/900/850	1280/1180/1050/900	1350/1150/1050	1350/1150/1050
Indoor air flow (Hi)		m ³ /h	380	460	540	850	1000
Indoor noise level (Hi/Me/Lo)		dB(A)	38/33/28	39/34/29	41/36/31	49/44/39	53/48/43
Indoor dimension	Unit (WxHxD)	mm	680x250x180	745x210x250	745x210x250	1095x312x205	1095x312x205
	Packing (WxHxD)	mm	750x310x250	810x320x280	810x320x280	1175x375x270	1175x375x270
Indoor weight	Net	kg	7.5	9.5	9.5	15	17
	Gross	kg	9	11	11	17	19
Outdoor coil	Number of row		1	1	2	2	2
	Fin spacing	mm	1.5	1.5	1.5	1.6	1.7
	Fin material		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dimension	mm	Ø7	Ø7	Ø7	Ø7.94	Ø9.52
	Tube material		Innergrooved copper tube	Innergrooved copper tube	Innergrooved copper tube	Innergrooved copper tube	Innergrooved copper tube
	Coil face area	m ²	0.29	0.37	0.37	0.41	0.51
Compressor	Type		Rotary	Rotary	Rotary	Rotary	Rotary
	Input	W	680	920	1220	1645	1725
	Rated current(RLA)	A	3.45	4.45	5.85	8.2	8.1
	Locked rotor Amp(LRA)	A	18.5	24	26	39	56
	Thermal protector		BF690-KB	B185-135-141C	Internal	Internal	Internal
	Capacitor	UF	20	35	35	50	45
	Refrigerant oil	ml	270	400	400	480	600
Outdoor fan motor	Output	W	30	30	30	65	68
	Running current	A	0.35	0.35	0.35	0.65	0.66
	Capacitor	UF	3	3	3	5	4
	Speed	rpm	480	480	480	860	830
Outdoor air flow		m ³ /h	1200	1200	1200	2500	2700
Outdoor noise level		dB(A)	50	51	52	57	57
Outdoor dimension	Unit (WxDxH)	mm	600x250x490	760x260x540	760x260x540	800x300x590	800x300x590
	Packing (WxDxH)	mm	730x370x560	880x370x605	880x370x605	940x420x650	940x420x650
Outdoor weight	Net	kg	25	30	33	41	51
	Gross	kg	27	32	36	45	55
Refrigerant	Type		R22	R22	R22	R22	R22
	Charge	g	590	600	1050	1400	1800
Refrigerant piping	Liquid side	mm	Ø6.35	Ø6.35	Ø6.35	Ø9.52	Ø9.52
	Gas side	mm	Ø9.52	Ø9.52	Ø12.7	Ø15.88	Ø15.88

Remark: The above design and specification are subject to change without prior notice for product improvement.

Rating Conditions	Cooling	Heating
Indoor Temperature	27°C DB/19°C WB	20°C DB/15°C WB
Outdoor Temperature	35°C DB/24°C WB	7°C DB/6°C WB

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Cooling	Capacity	Btu/h	7000	9000	12000	18000
	Input	W	680	920	1200	1700
	Rated current	A	3.1	4.2	5.4	7.8
Heating	Capacity	Btu/h	7000	9000	12000	18000
	Input	W	680	990	1260	1650
	Rated current	A	3.1	4.5	5.7	7.8
Max. input consumption	W	850	1320	1880	2600	2660
Max. current	A	4	6	9	12.5	13.8
Starting current	A	20.0	30.0	45.0	62.5	69.0
Indoor coil	Number of row		2	2	2	2
	Fin spacing	mm	1.4	1.4	1.4	1.6
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	Coil face area	m ²	0.13	0.15	0.15	0.23
Indoor fan motor	Output	W	19	19	19	30
	Running current	A	0.28	0.28	0.28	0.35
	Capacitor	UF	1.5	1.5	1.5	2.0
	Speed (Hi/Me/Lo)	rpm	1050/950/850	1180/1080/900/850	1280/1180/1050/900	1350/1150/1050
Indoor air flow (Hi)	m ³ /h		380	460	540	1000
Indoor noise level (Hi/Me/Lo)	dB(A)		38/33/28	39/34/29	41/36/31	49/44/39
Indoor dimension	Unit (WxHxD)	mm	680x250x180	745x210x250	745x210x250	1095x312x205
	Packing (WxHxD)	mm	750x310x250	810x320x280	810x320x280	1175x375x270
Indoor weight	Net	kg	7.5	9.3	9.5	17
	Gross	kg	9	11	11	19
Outdoor coil	Number of row		1	2	2	2
	Fin spacing	mm	1.5	1.5	1.5	1.6
	Fin material		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
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	Locked rotor Amp(LRA)	A	18.5	24	26	39
	Thermal protector		BF690-KB	B185-135-141C	Internal	Internal
	Capacitor	UF	20	35	35	50
	Refrigerant oil	ml	270	400	400	600
Outdoor fan motor	Output	W	30	30	30	68
	Running current	A	0.35	0.35	0.35	0.66
	Capacitor	UF	3	3	3	4
	Speed	rpm	480	480	480	830
Outdoor air flow	m ³ /h		1200	1200	2000	2700
Outdoor noise level	dB(A)		50	51	52	57
Outdoor dimension	Unit (WxDxH)	mm	600x250x490	760x260x540	760x260x540	800x300x590
	Packing (WxDxH)	mm	730x370x560	880x370x605	880x370x605	940x420x650
Outdoor weight	Net	kg	30	33	36	48
	Gross	kg	32	35	39	52
Refrigerant	Type		R22	R22	R22	R22
	Charge	g	620	1050	1050	1930
Refrigerant piping	Liquid side	mm	Ø6.35	Ø6.35	Ø6.35	Ø9.52
	Gas side	mm	Ø9.52	Ø9.52	Ø12.7	Ø15.88

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