



AHQ-C / AZQS

Daikin Siesta Ceiling suspended unit



Ceiling suspended units are the ideal air conditioning solution for rooms without false ceilings. These indoor units are perfect for uniform air distribution in large spaces because of their long air flow.

Ideal for light commercial applications such as shops, restaurants and small offices without suspended ceilings or ceiling voids. Can be installed in both new and existing buildings.

FEATURES

- > Heat pump
- > Automatically selects heating or cooling mode
- > Long air flow
- > Infrared remote as standard
- > Air filter
- > Inverter technology

BENEFITS

- > Cooling or heating modes
- > Efficiently achieves set temperature
- > Suitable for ceiling heights of up to 3.8m
- > Easy installation and maintenance
- > Removal of dust particles to ensure clean air
- > Reduces the power consumption by up to 30% compared to non inverter units

Heating & cooling

Indoor unit				Single Phase				3 Phase		
				AHQ71C	AHQ100C	AHQ125C	AHQ140C	AHQ100C	AHQ125C	AHQ140C
Capacity	UK total cooling			7.28	10.8	13.6	14.9	10.8	13.6	14.9
	UK sensible cooling			4.99	7.44	9.3	10.25	7.44	9.3	10.25
	Nominal cooling			6.8	9.5	12.1	13.0	9.5	12.1	13.0
	Nominal heating			7.5	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal efficiency (according to EN14825)	Cooling	Energy label		B				B		
		Pdesign	kW	6.80	9.50			9.50		
		SEER		4.65	4.60			4.60		
		Annual energy consumption	kWh	511	723			723		
	Heating (Average climate)	Energy label		A				A		
		Pdesign	kW	6.33	7.60			7.60		
SCOP			3.80					3.80		
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.03	2.62	2.63	3.01	2.62	2.63	3.01
	COP			3.05	3.41	3.61	3.41	3.41	3.61	3.41
	Annual energy consumption			1,120	1,810	2,300	2,159	1,810	2,300	2,159
	Energy label			Cooling/Heating	B/D	D/B	D/A	B/B	D/B	D/A
Casing	Colour			White						
Dimensions	Unit	HeightxWidthxDepth	mm	260x1,320x634	260x1,538x634	260x1,786x634	285x1,902x680	260x1,538x634	260x1,786x634	285x1,902x680
Weight	Unit		kg	38	45	54	70	45	54	70
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min	23.8/21.3/18.9	31.1/27.8/24.8	34.4/30.6/27.2	43.9/39.1/28.3	31.1/27.8/24.8	34.4/30.6/27.2	43.9/39.1/28.3
	Heating	High/Nom./Low	m³/min	23.8/21.3/18.9	31.1/27.8/24.8	34.4/30.6/27.2	43.9/39.1/28.3	31.1/27.8/24.8	34.4/30.6/27.2	43.9/39.1/28.3
Sound power level	Cooling	High	dBA	62	64	69	70	64	69	70
	Heating	High	dBA	62	64	69	70	64	69	70
Sound pressure level	Cooling	High/Nom./Low	dBA	49/48/46	52/47/46	52/50/49	56/53/46	52/47/46	52/50/49	56/53/46
	Heating	High/Nom./Low	dBA	49/48/46	52/47/46	52/50/49	56/53/46	52/47/46	52/50/49	56/53/46
Piping connections	Liquid	OD	mm/inches	9.52 / 3/8				9.52 / 3/8		
	Gas	OD	mm/inches	15.88 / 5/8				15.88 / 5/8		
Power supply	Phase / Frequency / Voltage			Hz / V				From outdoor unit		

(1) EER/COP according to Eurovent 2012

Outdoor unit				AZQS71BV1	AZQS100BV1	AZQS125BV1	AZQS140BV1	AZQS100BY1	AZQS125BY1	AZQS140BY1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320	1,430x940x320		990x940x320		1,430x940x320
Weight	Unit		kg	67	81	102		82		101
Fan - Air flow rate	Cooling	Nom.	m³/min	52.0	76	77	83	76	77	83
	Heating	Nom.	m³/min	48.0		83	62	83		62
Sound power level	Cooling	Nom.	dBA	64	70	71	70	70	71	70
Sound pressure level	Cooling	Nom./Silent operation	dBA	48/43	53/-	54/-	53/-	53/-	54/-	53/-
	Heating	Nom.	dBA	50	57	58	54	57	58	54
	Night quiet mode	Level 1	dBA	-		49				49
Operation range	Cooling	Ambient	Min.-Max. °CDB	-5.0~46.0				-5.0~46.0		
	Heating	Ambient	Min.-Max. °CWB	-15.0~15.5				-15.0~15.5		
Refrigerant	Type/GWP			R-410A/1,975				R-410A/1,975		
Piping connections	Piping length	OU - IU	Max.	30		50				50
		System Equivalent	Max.	40		70				70
	Level difference	IU - OU	Max.	15.0		30.0				30.0
		IU - IU	Max.			0.5				0.5
Power supply	Phase / Frequency / Voltage			Hz / V				3N~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A				20		



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



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