



ABQ-B/A / AZQS

Daikin Siesta

Concealed ceiling unit



ARCWA
remote control
as standard

AZQS71

Height	770mm
Width	900mm
Depth	320mm

AZQS100/125

Height	990mm
Width	940mm
Depth	320mm

AZQS140

Height	1430mm
Width	940mm
Depth	320mm

The concealed ceiling unit is a ducted air conditioning unit that fits in a void, saving space in the room. Only the grilles are visible to add to the aesthetics.

Ideal for light commercial applications such as shops, restaurants and small offices with suspended ceilings or ceiling voids. Can be installed in both new and existing buildings.

FEATURES

- > Heat pump
- > Automatically selects heating or cooling mode
- > Concealed unit
- > Compact dimensions
- > Air filter
- > Inverter technology

BENEFITS

- > Heating or cooling modes
- > Efficiently achieves set temperature
- > Improved aesthetics as only suction & discharge grilles are visible
- > Can easily be mounted in a narrow ceiling void
- > Removal of dust particles to ensure clean air
- > Reduces the power consumption by up to 30% compared to non inverter units

Siesta

Heating & cooling

Indoor unit			Single Phase				3 Phase			
			ABQ71B	ABQ100A	ABQ125A	ABQ140A	ABQ100A	ABQ125A	ABQ140A	
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	kW	6.8	9.5	12.1	13.0	9.5	12.1	13.0	
	Nominal heating	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5	
Seasonal efficiency (according to EN14825)	Cooling	Energy label	B			-				
		Pdesign	6.80			-				
		SEER	4.65			-				
		Annual energy consumption	512			-				
	Heating (Average climate)	Energy label	A			-				
		Pdesign	6.33			-				
		SCOP	3.41			-				
		Annual energy consumption	2,599			-				
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		3.01	3.05	2.91	3.01	3.05	2.91	3.01	
	COP		3.61	3.55	3.41		3.55	3.41		
	Annual energy consumption		1,130		tbc		2,079		2,159	
	Energy label		Cooling/Heating		B/A		B/B		C/B	
Casing			Colour							
Dimensions	Unit	HeightxWidthxDepth	mm	285x1,007x600	305x1,325x638	378x1,388x541	378x1,588x541	305x1,325x638	378x1,388x541	378x1,588x541
Weight	Unit		kg	35	47	50.0	56.0	47	50.0	56.0
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min	18.3/17.0/15.6	33 / 29 / 26	37 / 35 / 32	44 / 38 / 33	33 / 29 / 26	37 / 35 / 32	44 / 38 / 33
	Heating	High/Nom./Low operation	m³/min	18.3/17.0/15.6	33 / 29 / 26	37 / 35 / 32	44 / 38 / 33	33 / 29 / 26	37 / 35 / 32	44 / 38 / 33
Fan - External static pressure	Super high/High/Nom./Low		Pa	-88/76/63	118/96/78/61	147/126/109/92	147/120/90/69	118/96/78/61	147/126/109/92	147/120/90/69
Sound power level	Cooling	Super high/High/Nom./Low	dBA	-64/59/54	80/76/73/70	78/76/73/70	79/78/75/71	80/76/73/70	78/76/73/70	79/78/75/71
	Heating	High/Nom./Low	dBA	64/59/54	-	76/73/70	78/75/71	-	76/73/70	78/75/71
Sound pressure level	Cooling	Super high/High/Nom./Low	dBA	-	55/51/48/45	53/52/50/47	55/53/50/47	55/51/48/45	53/52/50/47	55/53/50/47
	Heating	High/Nom./Low	dBA	-	-	52/50/47	53/50/47	-	52/50/47	53/50/47
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			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	990x940x320	1,430x940x320	990x940x320	990x940x320	1,430x940x320
Weight	Unit		kg	67	81	81	102	82	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	83	62	83	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.	m	30	50		50		
		System	Equivalent	m	40	70		70		
	Level difference	IU - OU	Max.	m	15.0	30.0		30.0		
		IU - IU	Max.	m	-	0.5		0.5		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			3N~ / 50 / 380-415			
Current - 50Hz	Maximum fuse amps (MFA)		A	20	32		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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