

4-way blow ceiling mounted cassette

Solution addressing the primary needs of small shops

- › Ideal solution for busy retail and business environments and small shops
- › Improved energy efficiency: up to A+ energy labels
- › Robust design and body quality
- › Easy installation and maintenance thanks to improved body structure
- › Exclusively offered for pair applications
- › Air can be discharged in any of 4 directions
- › Air filter removes airborne dust particles to ensure a steady supply of clean air
- › Control several indoor units at the same time via the Siesta Sky Air group control (optional)
- › Standard drain pump
- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation is required



Efficiency data			ACQ + AZQS	71D + 71BV1	100D + 100B8V1	125D + 125B8V1	140D + 140B8V1	100D + 100BY1	125D + 125BY1	140D + 140BY1	
Cooling capacity	Nom.		kW	6.8	9.5	12.1	13.0	9.5	12.1	13.0	
Heating capacity	Nom.		kW	7.50	10.80	13.5	15.5	10.8	13.5	15.5	
Power input	Cooling	Nom.	kW	2.05	2.96	3.90	4.05	2.96	3.90	4.05	
	Heating	Nom.	kW	2.08	2.99	3.74	4.29	2.99	3.74	4.29	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+	A	-	-	A	-	-	
		Pdesign	kW	6.80	9.50	-	-	9.50	-	-	
		SEER		5.70	5.50	-	-	5.50	-	-	
	Heating (Average climate)	Annual energy consumption	kWh		418	605	-	-	605	-	-
		Energy label			A	-	-	A	-	-	
		Pdesign	kW		6.33	7.60	-	-	7.60	-	-
Nominal efficiency	EER	Annual energy consumption	kWh		2,216	2,764	-	2,764	-	-	
		Energy label			A/A	B/A	-	A/A	B/A	-	
COP	Annual energy consumption	kWh		3.31	3.21	3.10	3.21	3.10	3.21		
				1,025	1,480	1,952	2,025	1,480	1,952	2,025	
Energy label	Cooling/Heating			A/A	B/A	-	A/A	B/A	-		
Indoor unit			ACQ	71D	100D	125D	140D	100D	125D	140D	
Dimensions	Unit	HeightxWidthxDepth	mm	265x820x820		300x820x820					
Weight	Unit		kg	31	39						
Decoration panel	Colour			White							
	Dimensions	HeightxWidthxDepth	mm	82x990x990							
	Weight		kg	4							
Air filter	Type			Removable / washable							
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m ³ /min	24.4/20.5/17.6/15.0	29.2/24.4/21.0/17.6	34.0/29.2/26.3/22.1	34.0/29.2/26.3/22.1	29.2/24.4/21.0/17.6	34.0/29.2/26.3/22.1	34.0/29.2/26.3/22.1	
	Heating	High/Nom./Low/Silent operation	m ³ /min	24.4/20.5/17.6/15.0	29.2/24.4/21.0/17.6	34.0/29.2/26.3/22.1	34.0/29.2/26.3/22.1	29.2/24.4/21.0/17.6	34.0/29.2/26.3/22.1	34.0/29.2/26.3/22.1	
Sound power level	Cooling		dBA	54	56	60	60	56	60	60	
	Heating		dBA	54	56	60	60	56	60	60	
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	41/38/35/32	44/41/38/36	47/44/43/41	47/44/43/41	44/41/38/36	47/44/43/41	47/44/43/41	
	Heating	High/Nom./Low/Silent operation	dBA	41/38/35/32	44/41/38/36	47/44/43/41	47/44/43/41	44/41/38/36	47/44/43/41	47/44/43/41	
Control systems	Infrared remote control			ARCWLA							
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240							
Outdoor unit			AZQS	71BV1	100B8V1	125B8V1	140B8V1	100BY1	125BY1	140BY1	
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320	1,430x940x320	1,430x940x320	990x940x320	1,430x940x320	1,430x940x320	
Weight	Unit		kg	67	72.8	74.3	94.9	82	82	101	
Sound power level	Cooling		dBA	64	70	71	70	71	71	70	
Sound pressure level	Cooling	Nom.	dBA	48	53	54	53	54	54	53	
	Heating	Nom.	dBA	50	57	58	54	57	58	54	
	Night quiet mode	Level 1	dBA	43			49				
Operation range	Cooling	Ambient	Min.-Max.	-5~46							
	Heating	Ambient	Min.-Max.	-15~-15.5							
Refrigerant	Type/Charge/GWP		kg/TCO ₂ eq	R-410A/2.75/5.7/2,087.5	R-410A/2.9/6.1/2,087.5	R-410A/4.0/8.4/2,087.5	R-410A/4.0/8.4/2,087.5	R-410A/2.9/6.1/2,087.5	R-410A/4.0/8.4/2,087.5	R-410A/4.0/8.4/2,087.5	
Piping connections	Liquid	OD	mm	9.52							
	Gas	OD	mm	15.9							
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
		Chargeless	m	30							
	Additional refrigerant charge		kg/m	See installation manual							
Level difference	IU - OU	Max.	m	30.0							
	IU - IU	Max.	m	-						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	40	16	20	20	25	

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.