

				AHQ71CV1 / AZQS71B2V1B	AHQ100CV1 / AZQS100B8V1B	AHQ125CV1 / AZQS125B8V1B	AHQ140CV1 / AZQS140B8V1B	
Indoor unit				AHQ71C	AHQ100C	AHQ125C	AHQ140C	
Outdoor unit				AZQS71B1	AZQS100B8V1	AZQS125B8V1	AZQS140B8V1	
Cooling capacity	Nom.		kW	6.8	9.5	12.1	13.0	
Heating capacity	Nom.		kW	7.5	10.8	13.5	15.5	
Power input	Cooling	Nom.	kW	2.24	3.62	4.60	4.32	
	Heating	Nom.	kW	2.46	3.17	3.74	4.55	
Nominal efficiency	EER			3.03		2.63	3.01	
	COP			3.05		3.61	3.41	
	Annual energy consumption		kWh	1,120 (0.000)	1,810 (0.000)	2,300 (0.000)	2,159 (0.000)	
Energy labeling Directive	Cooling			B		D	B	
	Heating			D		A	B	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		B				
		Pdesign	kW	6.80	9.50			
		SEER		4.65				
			Annual energy consumption	kWh	511.85	723		
	A Condition (35°C - 27/19)	Pdc	kW	6.80	9.50			
			EERd		3.05			
	B Condition (30°C - 27/19)	Pdc	kW	5.01	7.00			
			EERd		5.26			
	C Condition (25°C - 27/19)	Pdc	kW	4.10	4.50			
			EERd		5.48			
	D Condition (20°C - 27/19)	Pdc	kW	4.00	4.50			
			EERd		6.46			
Heating (Average climate)	Energy efficiency class			A				
	Pdesign		kW	6.33	7.60			
	SCOP/A			3.80				
	Annual energy consumption		kWh	2,332.26	2,800			
	Required back up heating cap at design conditions		kW	0.66	0.40			
TOL	Tol (temperature operating limit)		°C	-15	-15			
	Pdh (declared heating cap)		kW	5.80	8.00			
	COPd (declared COP)			2.37				
TBivalent	Tbiv (bivalent temperature)		°C	-7	-7			
	Pdh (declared heating cap)		kW	5.60	6.72			
	COPd (declared COP)			2.84				
A Condition	Pdh (declared)		kW	5.60	6.72			

		(-7°C)	heating cap)					
			COPd (declared COP)		2.84			
	B Condition (2°C)		Pdh (declared heating cap)	kW	3.40	4.10		
			COPd (declared COP)		3.50			
	C Condition (7°C)		Pdh (declared heating cap)	kW	2.90	3.00		
			COPd (declared COP)		5.49			
	D Condition (12°C)		Pdh (declared heating cap)	kW	3.30	3.50		
			COPd (declared COP)		6.38			
Pto (Thermostat off)	W				106.0	149.0		
Cooling	Psb (Standby mode cooling)		W		7.0	9.0		
	Cdc (Degradation cooling)				0.25			
Heating	Cdh (Degradation heating)				0.25			
Pck (Crankcase heater mode)	W				0.0	0.0		
Poff (Off mode)	W				0.0	0.0		
Cooling function included					Yes	Yes		
Heating function included					Yes	Yes		
Average climate included					Yes	Yes		
Cold season included					No	No		
Warm season included					No	No		
Ecolabel logo					No	No		
Template					Sky Air Set	Sky Air Set	Sky Air Set	Sky Air Set
Notes					EER/COP according to Eurovent 2012, for use outside EU only	EER/COP according to Eurovent 2012, for use outside EU only	EER/COP according to Eurovent 2012, for use outside EU only	EER/COP according to Eurovent 2012, for use outside EU only
					Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load	Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load	Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load	Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load
Cooling	Cooling=-Cooling cdc degradation cooling					0.25		
Seasonal efficiency (according to EN14825)	Cooling		Seasonal efficiency (according to EN14825)-=-Cooling=- Seasonal efficiency according to en14825 cooling energy efficiency class			B		
			Seasonal efficiency (according to EN14825)-=-Cooling=- Seasonal efficiency according to en14825 cooling seer			4.60		
	D Condition (20°C - 27/19)	power input	kW			0.70		
			Seasonal efficiency (according to EN14825)-=-Cooling=-D Condition (20°C - 27/19)-=-Eerd			6.45		

	C Condition (25°C - 27/19)	power input	kW		0.82		
			Seasonal efficiency (according to EN14825)- =-Cooling- =-C Condition (25°C - 27/19).=- Eerd		5.55		
	A Condition (35°C - 27/19)	power input	kW		3.63		
			Seasonal efficiency (according to EN14825)- =-Cooling- =-A Condition (35°C - 27/19).=- Eerd		2.62		
	B Condition (30°C - 27/19)	power input	kW		1.49		
			Seasonal efficiency (according to EN14825)- =-Cooling- =-B Condition (30°C - 27/19).=- Eerd		4.70		
	Heating (Average climate)		Seasonal efficiency (according to EN14825)- =-Heating (Average climate).=- Seasonal efficiency according to en14825 heating average climate scopnet a		3.84		
			Seasonal efficiency (according to EN14825)- =-Heating (Average climate).=- Seasonal efficiency according to en14825 heating average climate scop a		3.80		
			Seasonal efficiency (according to EN14825)- =-Heating (Average climate).=- Seasonal efficiency according to en14825 heating average climate energy efficiency class		A		
	TBivalent	Power input	kW		2.36		
			Seasonal efficiency (according to EN14825)- =-Heating (Average climate).=- TBivalent- =-Copd declared cop		2.85		

	C Condition (7°C)	Power input	kW		0.57		
			Seasonal efficiency (according to EN14825)- --Heating (Average climate)-- C Condition (7°C)-- Copl declared cop		5.28		
	TOL	Power input	kW		4.09		
			Seasonal efficiency (according to EN14825)- --Heating (Average climate)-- TOL-- Copl declared cop		1.96		
	A Condition (-7°C)	Power input	kW		2.36		
			Seasonal efficiency (according to EN14825)- --Heating (Average climate)-- A Condition (-7°C)-- Copl declared cop		2.85		
	D Condition (12°C)	Power input	kW		0.55		
			Seasonal efficiency (according to EN14825)- --Heating (Average climate)-- D Condition (12°C)-- Copl declared cop		6.40		
	B Condition (2°C)	Power input	kW		1.17		
			Seasonal efficiency (according to EN14825)- --Heating (Average climate)-- B Condition (2°C)-- Copl declared cop		3.51		
Nominal efficiency	Energy labeling Directive		Heating		B		
			Cooling		D		
	Nominal efficiency--Cop				3.41		
	Nominal efficiency--Eer				2.62		
Heating	Psb (Standby mode heating)	W			9.0		
	Heating--Heating cdh degradation heating				0.25		
Notes					PED: assembly = category I : excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	PED: assembly = category I : excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	PED: assembly = category I : excluded from scope of PED due to article 1, item 3.6 of 97/23/EC
					Minimum Ssc (=Short-circuit power) value: Equipment complying with EN 61000-3-2	Minimum Ssc (=Short-circuit power) value: Equipment complying with EN 61000-3-2	Minimum Ssc (=Short-circuit power) value: Equipment complying with EN 61000-3-2
					See separate drawing for electrical data	See separate drawing for electrical data	See separate drawing for electrical data
					Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases

			AHQ100CV1 / AZQS100B7Y1B	AHQ125CV1 / AZQS125B7Y1B	AHQ140CV1 / AZQS140B7Y1B	
Cooling capacity	Nom.		kW	9.5	12.1	13.0
Heating capacity	Nom.		kW	10.8	13.5	15.5
Power input	Cooling	Nom.	kW	3.62	4.60	4.32
	Heating	Nom.	kW	3.17	3.74	4.55
Nominal efficiency	EER			2.62	2.63	3.01
	COP			3.41	3.61	3.41
Annual energy consumption			kWh	1,810 (0.000)	2,300 (0.000)	
Energy labeling Directive	Cooling			D	D	
	Heating			B	A	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		B		
		Pdesign	kW	9.50		
		SEER		4.60		
		Annual energy consumption	kWh	723		
A Condition (35°C - 27/19)		Pdc	kW	9.50		
		EERd		2.62		
		power input	kW	3.63		
B Condition (30°C - 27/19)		Pdc	kW	7.00		
		EERd		4.58		
		power input	kW	1.53		
C Condition (25°C - 27/19)		Pdc	kW	4.50		
		EERd		5.59		
		power input	kW	0.81		
D Condition (20°C - 27/19)		Pdc	kW	4.50		
		EERd		6.56		
		power input	kW	0.69		
Heating (Average climate)	Energy efficiency class			A		
	Pdesign		kW	7.60		
	SCOP/A			3.80		
	SCOPnet/A			3.84		
	Annual energy consumption		kWh	2,800		
	Required back up heating cap at design conditions		kW	0.40		

	TOL	Tol (temperature operating limit)	°C	-15		
		Pdh (declared heating cap)	kW	8.00		
		COPd (declared COP)		1.92		
		Power input	kW	4.17		
	TBivalent	Tbiv (bivalent temperature)	°C	-7		
		Pdh (declared heating cap)	kW	6.72		
		COPd (declared COP)		2.78		
		Power input	kW	2.42		
	A Condition (-7°C)	Pdh (declared heating cap)	kW	6.72		
		COPd (declared COP)		2.78		
		Power input	kW	2.42		
	B Condition (2°C)	Pdh (declared heating cap)	kW	4.10		
		COPd (declared COP)		3.53		
		Power input	kW	1.17		
	C Condition (7°C)	Pdh (declared heating cap)	kW	3.00		
		COPd (declared COP)		5.30		
		Power input	kW	0.57		
	D Condition (12°C)	Pdh (declared heating cap)	kW	3.50		
		COPd (declared COP)		6.42		
		Power input	kW	0.55		
Pto (Thermostat off)	W			149.0		
Cooling	Psb (Standby mode cooling)		W	9.0		
	Cdc (Degradation cooling)			0.25		
Heating	Psb (Standby mode heating)		W	9.0		
	Cdh (Degradation heating)			0.25		
Pck (Crankcase heater mode)	W			0.0		
Poff (Off mode)	W			9.0		
Cooling function included				Yes		
Heating function included				Yes		
Average climate included				Yes		

Cold season included	No		
Warm season included	No		
Ecolabel logo	No		
Template	Sky Air Set	Sky Air Set	Sky Air Set
Notes	EER/COP according to Eurovent 2012, for use outside EU only		
	Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load		
Notes_Description		Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load	Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load