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Sisteme de aer condiționat

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Siesta

SkyAir®

GAMĂ COMPLETĂ DE MODELE DIN CLASA ENERGETICĂ A

AHQ-A / AZQS-AV1

All Seasons

CLIMATE COMFORT

- Heating
- Air Conditioning
- Applied Systems
- Refrigeration

Daikin Europe N.V.

ABOUT DAIKIN

Daikin has a worldwide reputation based on 85 years' experience in the successful manufacture of high quality air conditioning equipment for industrial, commercial and residential use.

Daikin quality

Daikin's much envied quality quite simply stems from the close attention paid to design, production and testing as well as aftersales support. To this end, every component is carefully selected and rigorously tested to verify its contribution to product quality and reliability.

ENVIRONMENTAL AWARENESS

Air conditioning enhances the indoor climate, providing pleasant working and living conditions in even the harshest climates. In recent years however, aware of the need to safeguard the environment, Daikin has taken great strides to limit negative effects associated with its production and operation. As a result, new energy saving equipment combined with innovative manufacturing techniques, minimise any impact on the environment.

Commitment to the environment

Concern for the environment is inherent throughout Daikin's global operations, from design and production to the everyday actions of its workforce. Daikin heat pumps in combination with in-house inverter technology offer unparallelled indoor heating comfort and process efficiency.

Heat Pump Efficiency

Heat pumps can extract heat energy from the outside air, even on the coldest days of winter. Daikin systems are capable of providing comfortable and efficient indoor heating as well as meeting exact industrial heating and cooling requirements.

Energy efficient equipment

Many product innovations stem from Daikin environmental awareness. Inverter control reduces unit start up time and varies compressor output to match precise system load requirements. Also, when linked with Daikin DC compressor motors, it allows Daikin equipment to achieve the highest COP ratings in the market. Similarly, advanced computerised control packages ensure optimum system efficiency at all times and allow remote monitoring via the internet.

Reducing waste

Daikin was the first European air conditioning manufacturer to gain ISO14001 environmental certification. The company's zero waste policy ensures that many of its manufacturing by products can be recycled, reused or recovered.

Recycling materials

Daikin recycles materials as a matter of course. For instance, the sludge recovered from pre treated waste water is used in cement manufacture. The recycling of other types of waste is also supported by investment in returnable packaging.

In all of us,
a green heart

WHY CHOOSE DAIKIN?

Cutting edge technology

For the last 50 years, Daikin has been the market leader in cutting-edge climate control technology that is both energy efficient and eco-friendly. Our systems have been independently tested against the latest and most demanding energy and ecological standards and our heat pump systems were the first to receive the EU's Eco-Label.

As your partner of choice for the installation and maintenance of flexible, trouble-free and cost-effective climate control solutions, we have a global network of engineers providing local service. By installing Daikin equipment you can be assured that you have very energy efficient units with a low ecological impact thus saving you money and helping the environment.

3/4
Renewable ambient air

1/4
Electrical energy

Heat pump

Air-to-air heat pumps obtain 75% of their output energy from a renewable source: the ambient air, which is both renewable and inexhaustible*. Of course, heat pumps also require electricity to run the system, but increasingly this electricity can also be generated from renewable energy sources such as solar energy, wind energy, hydropower and biomass. A heat pump's efficiency is measured in COP (Coefficient Of Performance) for heating and EER (Energy Efficiency Ratio) for cooling.

* EU objective COM (2008)/30

Desired room temperature optimally maintained

Inverter technology

Daikin's inverter technology is a true innovation in the field of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement - no more, no less! This technology provides you with two main benefits:

Optimizing comfort levels

The inverter repays its investment many times over by improving comfort. A climate control system with an inverter continuously adjusts its cooling and heating output to suit the temperature in the room, thus improving comfort levels. The inverter reduces system start-up time enabling the required room temperature to be reached more quickly. As soon as the correct temperature is reached, the inverter ensures that it is constantly maintained.

Energy efficiency

Because an inverter monitors and adjusts ambient temperature whenever needed, energy consumption drops by 30% compared to a traditional on/off (non-inverter) heat pump system!

AHQ-A / AZQS-AV1

Ceiling Suspended Unit

AHQ71AV1

ARCWLA

INVERTER

Comfort

- Ideal solution for shops, restaurants or offices without false ceilings
- Can be installed in both new and existing buildings

Filter

- Air filter removes airborne dust particles to ensure a steady supply of clean air

Flexible Installation

- Easy installation and maintenance
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall

AZQS-AV1

Heating & Cooling

INDOOR UNIT					AHQ71A	AHQ100A	AHQ125A	AHQ140A
Cooling capacity	Nom.			kW	7.6	9.7	12.6	13.5
Heating capacity	Nom.			kW	8.1	11.4	15.4	16.6
Power input	Cooling	Nom.		kW	2.51	3.20	4.44	5.13
	Heating	Nom.		kW	2.66	3.51	4.80	4.37
EER					3.03		2.84	2.63
COP					3.05	3.25	3.21	3.80
Annual energy consumption				kWh	1,255	1,600	2,220	2,565
Energy label	Cooling/Heating				B/D	B/C	C/C	D/A
Dimensions	Unit	HeightxWidthxDepth		mm	218x1,090x630	260x1,538x634	260x1,786x634	285x1,902x680
Weight	Unit			kg	27	45	65	70
Sound power level	Cooling	High		dBA	66	68	-	70
	Heating	High		dBA	66	68	-	70
Sound pressure level	Cooling	High/Nom./Low		dBA	56/51/44	52/47/46	52/50/49	56/53/46
	Heating	High/Nom./Low		dBA	56/51/44	52/47/46	52/50/49	56/53/46
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230			

OUTDOOR UNIT					AZQS71AV1	AZQS100AV1	AZQS125AV1	AZQS140AV1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	1,345x900x320		
Weight	Unit			kg	67	109		
Fan	Air flow rate	Cooling	Nom.	m^3/min	52	96	100	97
		Heating	Nom.	m^3/min	48	90		
Sound power level	Cooling	Nom.		dBA	64	65	67	68
Sound pressure level	Cooling	Nom.		dBA	48	50	51	
	Heating	Nom.		dBA	50	52	53	
	Night quiet mode	Level 1		dBA	43	45		46
Compressor	Type				Hermetically sealed swing compressor	Hermetically sealed scroll compressor		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0			
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5			
Refrigerant	Type				R-410A			
Piping connections	Liquid	OD		mm	9.52			
	Gas	OD		mm	15.9			
	Drain	OD		mm	26			
	Additional refrigerant charge			kg/m	see installation manual 4PW68422-1			
	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			

TIN LAVIR ŞI DAIKIN, PARTENERII DVS. DE INCREDERE

Daikin este specialistul în sisteme de climatizare – pentru locuinţe şi pentru mari spaţii comerciale şi industriale. Depunem toate eforturile pentru asigurarea satisfacţiei depline a clienţilor noştri.

PRODUSE INOVATIVE, DE CALITATE SUPERIOARĂ

Inovaţia si calitate constituie principiile de bază ale filozofiei Daikin. Întreaga echipa Daikin este instruita permanent în vederea furnizarii informaţiilor si consilierii optime.

UN MEDIU CURAT

Prin achiziţionarea unui produs Daikin clientul nostru contribuie semnificativ la îmbunatatirea mediului. La fabricarea sistemelor destinate clienţilor noştri, ne straduim sa asigurăm un consum durabil de energie, reciclarea produselor si reducerea deseurilor. Daikin aplica cu rigurozitate principiile de design ecologic, prin reducerea utilizarii materialelor dăunatoare pentru mediu.

TRADIŢIA TIN LAVIR

"Tin Lavir" S.R.L. este o societate cu o tradiţie de 15 ani în domeniul echipamentelor de climatizare, ventilatie, încălzire si confort a cărei renume se datorează în mod special calităţii percepute si transmise de la client la client.

Pentru a acoperi în totalitate cerinţele benefciarilor ne-am orientat catre furnizori de prestigiu cu produse de calitate pe piaţa mondială şi suntem în masura sa rezolvam orice problema de climatizare prin gama completa de servicii oferite:

Proiectare si dimensionare corespunzatoare pentru orice spaţiu prin deplasarea specialiştilor firmei noastre la faţa locului;
Livrarea instalaţiilor, accesoriilor si materialelor în cel mai scurt timp la sediul beneficiarului;
Montarea instalaţiilor chiar si în cele mai dificile condiţii fara modificari în arhitectura si structura încaperilor cu ajutorul echipelor proprii specializate si dotate la cele mai înalte standarde din domeniu;
Executarea service-lui si seria completa de operatiuni de întretinere si reparatii atât în garantie cât si în postgarantie.

Dacă aveti vreodată nevoie de noi în rezolvarea acestor probleme de climatizare, vă spunem că merită să ne întrebati. De aceea existăm noi care suntem specializati în acest domeniu si care facem fată exigentelor oferindu-vă posibilitatea de a face o alegere !

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