

NEVADA CKD

900X900

DC INVERTER
CASSETTES RANGE

Airwell



Airwell



OUTDOOR UNIT
GC 24 DCI Z / GCD 030



OUTDOOR UNIT GCD 036



OUTDOOR UNIT GC 43 DCI



RC4



RCW2 (Optional)



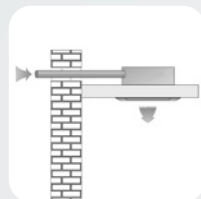
OPTIMUM AIR DISTRIBUTION



AIR RENEWAL AND ADJACENT ROOM CONDITIONING

The NEVADA CKD DCI cassettes range benefits from 4 motorised blowing flaps and multi-directional louvers adjustable in 6 positions, ensure easy control and equal distribution of treated air - ideal for small or large rooms.

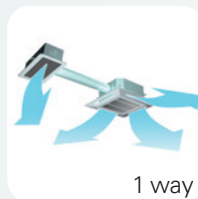
In order to guarantee optimal air quality, the CKD DCI cassette conditioner can pump external air into the room and by ducting the treated air, it is also possible to condition an adjacent room.



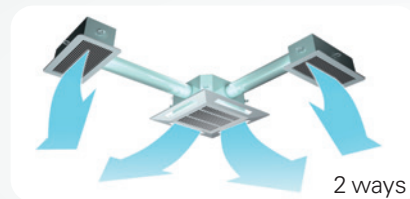
Air renewal



Air conditioning of an adjacent room



1 way

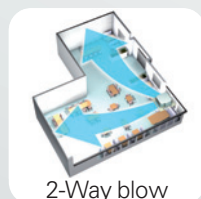


2 ways

Treated air can be distributed 1 or 2 distribution duct.

EASY INSTALLATION

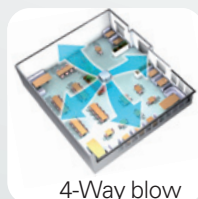
The multi-directional air flow system, from 2, 3 or 4 motorised blowing flaps permits the unit to be easily installed along a wall or in the corner of a room. Moreover the cassettes can be built into suspended or hard ceiling modules.



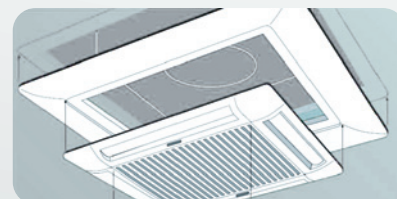
2-Way blow



3-Way blow



4-Way blow



The ceiling frame, available as an accessory, allows a large opening in suspended ceiling for easier installation easier (electrical and pipe connections).



INFRARED REMOTE CONTROL

Small-size and with excellent ergonomic properties, the Airwell infrared remote control is highly user friendly. It can be used to program advanced multiple functions such as choosing between 3 ventilation speeds, night-time slow running, programming, dehumidification, energy saving function and "I feel" function, and many others. By only pressing a button you can select the temperature to be obtained and controlled with a high degree of precision.

NEVADA CKD

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DCI OUTDOOR UNIT

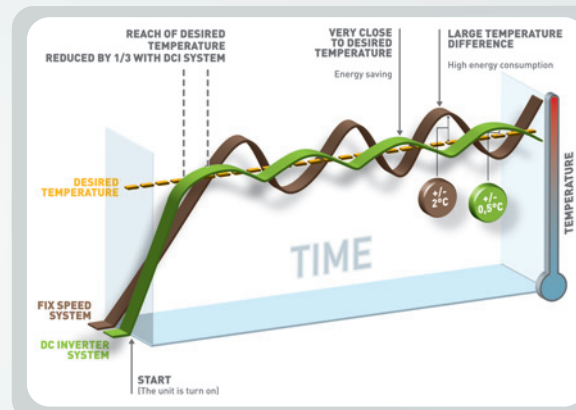
The NEVADA CKD units are combined with DCI outdoor units.

A rotary compressor enable the outdoor unit to be highly efficient and ensure reduced noise level. These units are made with heat-stable polyester material structure ensuring an optimum noise level, weight and service life. The anticorrosion treatment with a high density powder paint coating ensures high resistance whatever the operating conditions.

THE DC INVERTER TECHNOLOGY

DC INVERTER

Unlike a basic fix speed system, which starts and stops repetitively, the inverter system varies the compressor speed, to achieve the desired temperature, thereby reducing power consumption for extra energy savings.



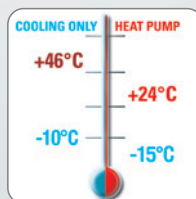
Key benefits of DCI system:

- 30 % energy saving.
- Quicker to achieve desired temperature.
- Quieter
- Constant temperature level maintained
- Superior operating performance

LARGE OPERATING RANGE

-15

The new CKD DCI models offer a large operating range from -10°C to 46°C outdoor temperatures for cooling operations to -15°C to 24°C for heating operations.



ENERGY LABEL

The energy label classifies appliances in 7 categories from A (best energy efficiency) to G (lowest energy efficiency) in relation to their energy consumption and includes information such as Brand, Model, Cooling and Heating capacity, Noise level.

A
CLASS



NEVADA CKD

900X900 CASSETTES RANGE

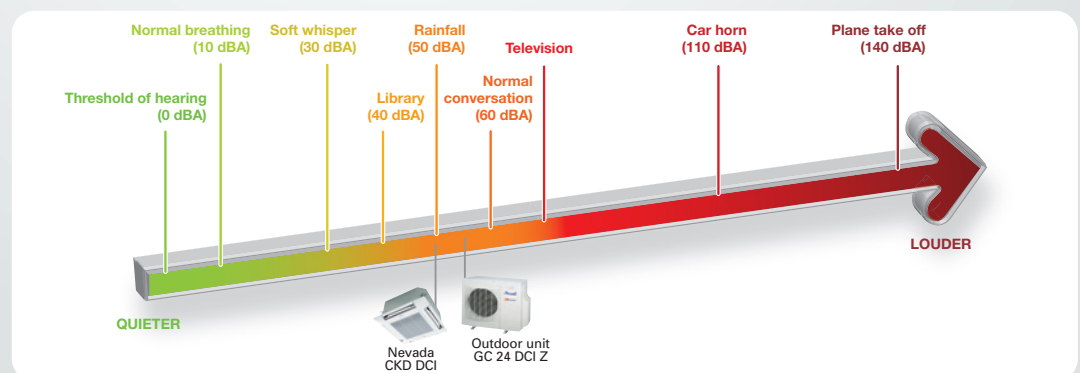
DESIGN AND PERFORMANCE AT THEIR HEIGHT

These Airwell cassettes combine aesthetics with a discreet presence enabling them to meet the demands of all types of applications. The modern and smart features of this new range of the NEVADA CKD, combined with the latest DC inverter technology ensure high performance to create the desired climate and maximum comfort quality. The space saving design of the cassette is ideal for shops, restaurants, offices and other commercial premises. These units are intended to perfectly fit into a suspended ceiling, with only the suction and discharge grilles visible. It is both lightweight (26 to 32 Kg) and compact (90x90cm) and available in capacities from 7.2 to 12.1 kW.

PRODUCT BENEFITS

- Innovative features with elegant grille.
- Modern and discrete style for easy integration in all decors.
- Designed for integration in suspended ceilings.
- Variable cooling and heating capacity from 30% to 115% (of rated capacity)
- Suitable for significant air conditioning requirements thanks to a broad range of capacities available.
- Integrated condensate drainage lift pump.
- Four motorized air distribution flaps.
- 6 selectable louver positions plus automatic and swing.
- Quiet operation is ensured
- High efficiency filtration.
- Fresh air intake.
- Air distribution to an adjacent room.
- Easy access to electrical components without opening ceiling but by simply removing the fascia.
- Electronic regulation and programming.
- Monitoring interface (PC port for high level service).
- Supplied with RC4 remote control.
- Wall mounted RCW or RCW2 remote control available in accessory.

DECIBEL LEVEL OF DAILY NOISES



R-410A: AN ECO-FRIENDLY FLUID

The NEVADA CKD cassette range is available with the ecologically friendly refrigerant R410A. This refrigerant provides high energy efficiency, while preserving the ozone layer, and is easily recyclable. Its high density and high energy efficiency make for high performance coefficients, thereby providing significant energy saving.



AIRCONET CONTROL SYSTEM

This system provides a communication gateway for connecting several CKD indoor units (optional). A simple Internet navigator enable to achieve centralized and remote management of all indoor units, room by room and floor by floor. The No special software installation is required and users are kept informed of any system incident in real time by e-mail or SMS.

NEVADA CKD

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		CKD 025	CKD 030	CKD 036	CKD 045
	Indoor Units	CKD 025	CKD 030	CKD 036	CKD 045
	Outdoor Units	GC 24 DCI Z	GCD 030 DCI	GCD 036 DCI	GC 43 DCI
Cooling	Capacity	7,2 (1,5-8,0)	8,0 (2,0-8,8)	9,0 (2,6-10,0)	12,1 (4,0-13,0)
	Power input	kW 2,39	2,49	3,1	4,4
	EER/Energy Label	3,01 / B	3,21 / A	2,90 / C	2,75 / D
	Operating limits	°C -10°/ 46° Dry bulb	-10°/ 46° Dry bulb	-10°/ 46° Dry bulb	-10°/ 46° Dry bulb
Heating	Capacity	8,0 (1,5-8,8)	9,0 (1,5-10,0)	10,3 (2,4-11,5)	13,5 (4,0-14,4)
	Power input	kW 2,22	2,49	3,43	5,19
	COP/Energy Label	3,63 / A	3,61 / A	3,0 / D	2,6 / E
	Operating limits	°C 15°/ 24° Dry bulb	15°/ 24° Dry bulb	15°/ 24° Dry bulb	15°/ 24° Dry bulb
Indoor unit	Sound pressure level 1 mt ¹	dB(A) 47/50/52	40/42/44	40/42/44	43/47/53
	Sound power level ¹	dB(A) 56/59/61	49/51/53	49/51/53	53/57/63
	Airflow ¹	m³/h 980/1120/1230	990/1080/1170	990/1080/1170	1200/1330/1600
	Dehumidification	l/h 2,5	3	3,7	5,4
	Dimensions (WxDxH)	mm 840x840x230	840x840x300	840x840x300	840x840x300
	Weight	kg 26	35	32	32
	Frame (WxDxH)	mm 955x955x58	955x955x58	955x955x58	955x955x58
	Weight	kg 6	6	6	6
Outdoor unit	Sound pressure level 1 mt ²	dB(A) 56	58	56/58	56/58
	Sound power level ²	dB(A) 66	69	68/69	68/70
	Airflow	m³/h 3600	3600	4150	5700
	Compressor type	Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter	Scroll DC Inverter
	Dimensions (WxDxH)	mm 950x412x835	950x412x835	900x340x970	900x340x1255
Power supply 1-230V - 50Hz	Weight	kg 64,5	66	80	110
	Power supply side	Outdoor	Outdoor	Outdoor	Outdoor
	Power cable section	mm² 3x2,5	3x2,5	3x4	3x6
	Fuse rating	A 20	20	25	32
Pipe line	Electrical connections	mm² 4x2,5	4x2,5	3x1,5	3x1,5
	Suction pipe diameter	inches 5/8"	5/8"	5/8"	3/4"
	Liquid pipe diameter	inches 3/8"	3/8"	3/8"	3/8"
	Max lenght	m 30	30	70	70
	Max height	m 15	15	30	30

¹ Data are relative to Low speed, Medium speed and High speed
² Cooling / Heating
 The panel is separated from unit and not delivered on the same box. CKD is delivered without panel.
 For each order, decoration panel must be ordered according to the installation situation.

GM CKD 1 - A-1 MASTER - Specifications subject to change without notice. Non contractual pictures.

Airwell

Your official dealer



Airwell Group

1, Bis Avenue du 8 mai 1945
 Saint Quentin en Yvelines
 78284 GUYANCOURT
 France
 Tel. +33 (0)1 39 44 78 00
 Fax +33 (0)1 39 44 65 17

www.airwell.com
 contact@airwell-group.com