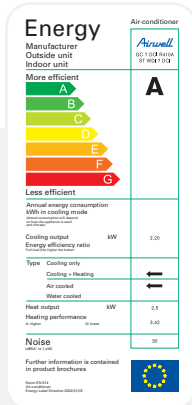


K / KXL

CASSETTES **DC INVERTER**

*Airwell*

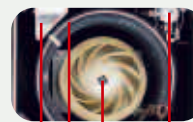




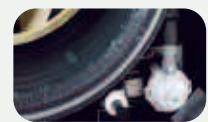
Never has technology gone so far to provide optimum user comfort. K / KXL DCI cassettes are specially suited to tertiary sector applications, meeting the air conditioning requirements in rooms of small and medium size. The cassettes have been designed to fit seamlessly into current trends. Beside their aesthetic qualities and silent running, they have been designed to provide a very high level of user comfort and to be very easy to fit for installers. The latest DC INVERTER technology, in combination with the use of the eco-friendly fluid R410A (that preserves the environment) make for optimum efficiency (class A energy label) and exceptional performance levels. (Operates in hot mode down to -15 °C).

## SIMPLIFIED INSTALLATION AND MAINTENANCE

Its ability to be built into 600 x 600 suspended ceiling modules and small height dimension (287 mm) provide an obvious solution to all installation constraints. K DCI has a fresh air intake and provides the option of air conditioning an adjacent room. Coming with a high efficiency regenerative air filter, the K DCI have motorised 4 blowing flaps to ensure uniform distribution of the treated air. Easy installation and maintenance thanks to components being accessible by simply removing the front panel. (Electrical components, lift pump, etc.).



Fresh air intake  
Condensate raising pump  
Extra quiet turbine  
Sliding electrical junction



Condensate raising pump: multi-level float for monitoring and safety. Raising height up to 600 mm. Quick to remove: only 1 mounting point.



Direct access to all electrical connections.

The ceiling frame, available as an accessory, allows for a large opening to be made in suspended ceiling to make on-site installation easier (electrical and pipe connections).



The **K/KXL DC INVERTER** cassettes range is available with the ecologically friendly fluid **R410A**. This 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 savings.

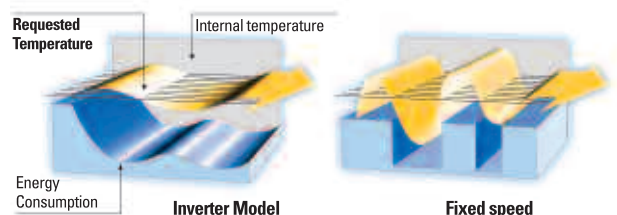
## AIRCONET CONTROL SYSTEM

By using a communication gateway for connecting several K/KXL DCI indoor units, and with a simple Internet navigator, it is possible to achieve centralised and remote management of all your indoor units, room by room and floor by floor ...). In addition to improved occupant comfort (by programming unit start-up prior to the occupant's arrival) and reduced energy bills via closer consumption control as well as simplified management, the AircoNet system requires no special software installation and enables you to be kept informed of any system incident in real time by e-mail or SMS.



## THE INVERTER TECHNOLOGY COMPRISES:

- A DC INVERTER type variable power compressor that provides better regulation and temperature control.
- 30% energy saving.
- Ultra silent operation.



# K / KXL

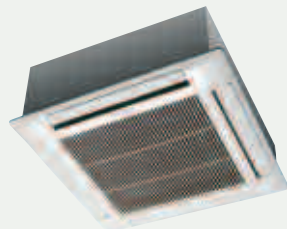
## Cassettes DC INVERTER

### PRODUCT ADVANTAGES

Four powered air distribution flaps. • Designed for integration in suspended ceilings. • 600 x 600 mm format (K DCI) / 900 x 900 mm format (KXL DCI). • Built-in depth: 287 mm (K DCI) / 230 mm (KXL DCI). • R410A "green" fluid. • Heating mode operation down to outdoor temperatures of -15° C. • Optimal temperature regulation. • Electronic regulation and programming. • Fluid pre-charged at the factory for up to 20 m pipe lengths (depending on models). • Possibility of air conditioning two separate rooms with a single unit (K DCI). • New air intake (K DCI). • High efficiency filtration. • Integrated condensate drainage lift pump. • Solid ceiling mounting frame (accessory). • Supplied with RC4 remote control.

### DCI INDOOR UNITS

K 9/12/18 DCI (600x600)

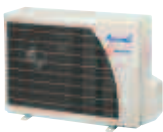


KXL 24/30 DCI (900x900)

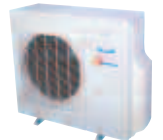


### DCI OUTDOOR UNITS

GCNG 9/12/18 DCI



GC 24/30 DCI

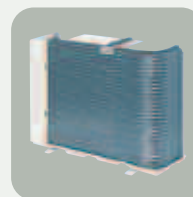


The heat-stable polyester material structure provides a reduction in the noise level and weight as well as a prolonged service life. The anticorrosion treatment with a High density powder paint coating ensures high resistance whatever the operating conditions.



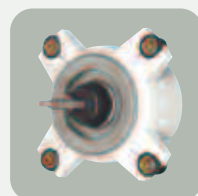
### COMPRESSOR

A variable power DC INVERTER rotary type, this compressor provides high efficiency and increased acoustic isolation..



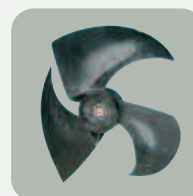
### CONDENSER

"Bluefin" hydrophilic treatment promotes the flow of condensates, while also providing corrosion protection to maintain performance levels and prolonging the service life.



### VENTILATOR MOTOR

A variable power DC INVERTER type, this high efficiency motor provides silent operation.



### PROPELLER

With 3 aerodynamic blades, the propeller offers better balance, enhances the exchange process and makes silent operation possible.



### INFRARED REMOTE CONTROL RC4

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, the energy saving function and "I feel" function, and many others. One press of a button is all it takes for the desired temperature to be obtained and controlled with a high degree of precision.

# K / KXL

## Cassettes DC INVERTER

		<b>K 9 DCI</b>	<b>K 12 DCI</b>	<b>K 18 DCI</b>	<b>K 24 DCI</b>	<b>K 30 DCI</b>
	<b>Indoor Units</b>	<b>ST K 9 DCI</b>	<b>ST K 12 DCI</b>	<b>ST K 18 DCI</b>	<b>ST KXL 24 DCI</b>	<b>ST KXL 30 DCI</b>
	<b>Outdoor Units</b>	<b>GC 9 DCI</b>	<b>GC 12 DCI</b>	<b>GC 18 DCI</b>	<b>GC 24 DCI Z</b>	<b>GC 30 DCI</b>
<b>Cooling</b>	<b>Capacity</b>	<b>2,5 (1,5-3,8)</b>	<b>3,5 (1,5-4,4)</b>	<b>5 (1,35-6,4)</b>	<b>7,2 (2,5-8)</b>	<b>8 (2,0-8,8)</b>
	Input power	0,59	0,95	1,55	2,39	2,65
	EER/Energy label	4,2 / A	3,7 / A	3,2 / A	3,01 / B	3,01 / B
	Temperature operating limits	-10°/ 46° Dry Bulb				
<b>Heating</b>	<b>Capacity</b>	<b>3,4 (1,5-5)</b>	<b>4,3 (1,5-5,5)</b>	<b>6,3 (1,35-7,5)</b>	<b>8 (2,5-8,8)</b>	<b>9 (2,5-10,0)</b>
	Capacity at - 15°C	2	2,6	2,3	-	-
	Input power	0,91	1,33	1,74	2,22	2,6
	COP/Energy label	3,7 / A	3,2 / C	3,6 / A	3,63 / A	3,46 / B
	Temperature operating limits	-15°/ 24° Dry Bulb				
<b>Indoor Units</b>	Acoustic pressure level to 1 m	32/37	32/37	36/48	47/50/52	42/44/46
	Sound power level <sup>1</sup>	42/48	42/49	46/59	56/61	49/53
	Airflow <sup>1</sup>	450/530/600	450/560/620	510/630/730	1050/1200/1300	1070/1170/1270
	Deshumidification	1	1,5	2	2,5	3
	Dimensions (LxPxH)	571x571x287	571x571x287	571x571x287	840x840x230	840x840x230
	Frame (LxPxH)	625x625x40	625x625x40	625x625x40	950x950x46	950x950x46
	Weight	23	24	28	36	48
<b>Outdoor Units</b>	Acoustic pressure level to 1 m	51	52	53	55	56
	Sound power level	60	62	63	63	66
	Airflow	1780	1780	2160	3600	3600
	Compressor type	Rotary DC Inverter	Rotary DC Inverter	Scroll DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
	Dimensions (LxPxH)	795x290x610	795x290x610	795x290x610	950x412x835	950x412x835
	Weight	38	38	39	64,5	66
<b>Power Supply 1-230V - 50Hz</b>	Power supply side	Indoor	Indoor	Indoor	Indoor	Indoor
	Power cable section	3x1,5	3x1,5	3x2,5	3x2,5	3x2,5
	Fuse rating am	16	16	20	20	20
	Electrical connections	4x1,5	4x1,5	4x2,5	4x2,5	4x2,5
<b>Pipe Line</b>	Section pipe diameter	3/8"	3/8"	1/2"	5/8"	5/8"
	Liquid pipe diameter	1/4"	1/4"	1/4"	3/8"	3/8"
	Max length	20	30	30	30	30
	Max height	10	10	10	15	15

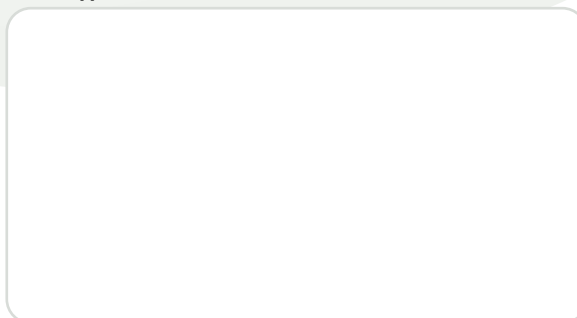
<sup>1</sup> Nominal heating capacity: International conditions 20°C/12°C wet bulb - Outside air temperature: 7°C/6°C wet bulb.

<sup>2</sup> Nominal cooling capacity: International conditions(NF EN 255.2 / 814.2 standards) - 27°C/19°C wet bulb - Outside air temperature: 35°C/24°C wet bulb.

<sup>3</sup> Global acoustic pressure in dB(A) (1 m) at nominal conditions: outdoor unit in an open area against a reflective background - indoor unit : installation in an average sized room, (PV-0.5s reverberation).

# Airwell

Your approved Airwell distributor



### Airwell France SAS

1bis, Avenue du 8 mai 1945  
Saint Quentin en Yvelines  
78284 GUYANCOURT  
France  
Tel. +33 (0) 139 44 78 00  
Fax +33 (0) 139 44 00 12  
www.airwell.com  
contact@airwell.com

