

DC Inverter Range

Wall splits **DELTA**

“Compact and Quiet”



Heat pump



Fluid R410A



ELECTRA
air conditioning

The taylor-made Comfort

Wall splits **DELTA** DC INVERTER

DC INVERTER Range

Never before has technology gone so far in optimising user comfort. The Delta DCI wall-mounted units combine subtle discretion and performance to provide maximum user pleasure. Elegant, modern and ultra-quiet, the Delta DCI blends harmoniously into all styles of interior décor. Its DC Inverter technology allied with the environmentally friendly R410A refrigerant fluid, guarantee optimal performance (Energy label "A" rating), exceptional results (operation in Heating mode down to outdoor temperatures of -15°C) and perfect temperature control. Designed to ensure a very high comfort level, the Delta DCI is the ideal solution for all residential or tertiary applications.

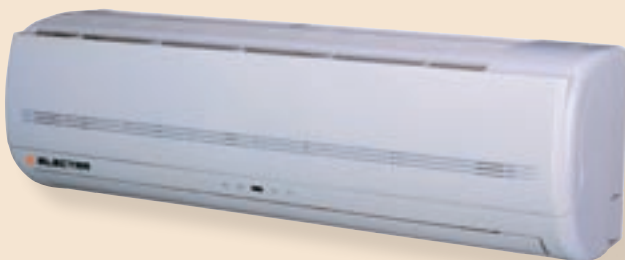


The DELTA DCI

Wall-mounted range is available with an environmentally friendly refrigerant fluid: "R410A". As well as providing high energy efficiency, this fluid is recyclable and does not harm the ozone layer. Its high volumetric mass and considerable energy efficiency offer high Coefficients of Performance and, consequently significant energy savings.



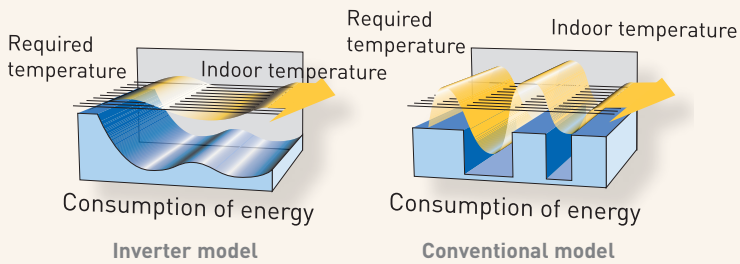
A major reduction in noise levels, even at high speed, has been achieved by the carefully-designed evaporator curve, combined with the turbine (tangential and aerodynamically designed) dimensions.



Delta 7/9 and 12 DCI



Outdoor unit GC 7/9/12 DCI



Inverter technology is

- A DC Inverter type variable capacity compressor allowing for improved regulation and temperature control.
- 30% energy savings.
- Ultra-quiet operation.

DC INVERTER outdoor units

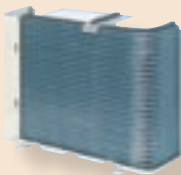
GC: The thermo-stable polyester structure contributes to reducing noise levels and unit weight as well as extending the unit's useful life. The unit is coated High Density anti-corrosion powder paint for effective protection in operating conditions.



COMPRESSOR: The variable capacity DC Inverter rotary compressor provides a high

output with increased sound insulation.

CONDENSER: The hydrophilic "bluefin" treatment encourages condensates drainage and protects against corrosion whilst guaranteeing performance and extending service life.



MOTOR FAN: This high-efficiency variable capacity DC Inverter motor fan unit is designed

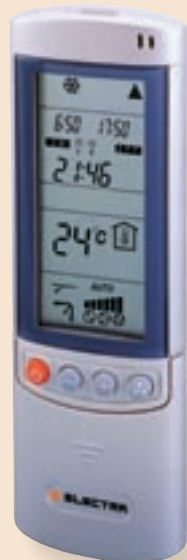
to guarantee silent operation.

FAN: The fan comprises 3 aerodynamic blades and has been designed for more precise balance, improved air exchange and silent running.



Flexibility, user comfort, constantly maintained temperature, extended operating range and extremely quiet running all contribute to making this a truly exceptional unit.

Energy		Air-conditioner
Manufacturer Outside unit Inside unit		Electra GC 9 DCI R410 ST DELTA 9 DCI
More efficient		A
A		
B		
C		
D		
E		
F		
Less efficient		
G		
Annual energy consumption, kWh in cooling mode (Actual consumption will depend on how the appliance is used and climate)		
Cooling output	kW	2.50
Energy efficiency ratio Full load (the higher the better)		3.38
Type	Cooling only	—
	Cooling + Heating	←
	Air cooled	←
	Water cooled	—
Heat output		kW
Heating performance		
A: higher G: lower		
Noise (dB(A) re 1 pW)		
Further information is contained in product brochures		
Norm EN 814 Air-conditioner Energy Label Directive 2002/31/EC		



Infrared Remote Control:

With its very compact size and carefully designed ergonomics, the Electra infrared remote control offers excellent user comfort. It allows the user to programme numerous sophisticated functions such as: selection of 3 different fan/ventilation speeds, night time slow running, timer settings, dehumidification, energy savings function, "I feel" function... By simply pressing a single key, the desired temperature can be very accurately obtained and controlled.

Remote control RC7

TECHNICAL SPECIFICATIONS

DELTA SERIES



DELTA 7 DCI

DELTA 9 DCI

DELTA 12 DCI

Heating capacity (1)	kW	2,5 (1,3-3,1)	2,8 (1,4-3,5)	3,6 (1,65-4,1)
Heating capacity	kcal	2,15 (1,1-2,7)	2,4 (1,1-3,0)	4,2 (1,1-3,5)
Heating capacity	kBtu/h	8,5 (4,4-10,6)	9,5 (4,4-11,9)	12,3 (5,1-14)
Power input	kW	0,75	0,83	1,05
COP/Energy Label		3,33/C	3,37/C	3,43/B

Cooling Capacity (2)	kW	2 (1,3-2,6)	2,5 (1,3-3,0)	3,55 (1,3-4,1)
Cooling Capacity	kcal	1,7 (1,1-2,2)	2,1 (1,1-2,6)	3 (1,1-3,5)
Cooling Capacity	kBtu/h	6,8 (4,4-8,9)	8,5 (4,4-10,2)	12,1 (4,4-14,0)
Power input	kW	0,58	0,75	1,03
EER/Energy Label		3,44/A	3,38/A	3,39/A

Indoor Units

		300/350/400	270/350/420	350/450/550
Airflow (LS/MS/HS)	m ³ /h	300/350/400	270/350/420	350/450/550
Airflow (LS/MS/HS)	cfm	510/595/680	459/595/714	595/765/935
Sound power level	dB(A)	43/46/49	45/48/52	42/46/52
Acoustic pressure to 1 m (LS/MS/HS) (3)	dB(A)	30/33/36	32/35/39	29/33/39
Weight	kg	7	7	8
Dimensions (WxDxH)	mm	680x250x200	680x250x200	840x250x200

Outdoor Units

		GC 7 DCI	GC 9 DCI	GC 12 DCI
Fuse am	m ³ /h	12	15	15
Acoustic pressure to 1 m	dB(A)	55	55	55
Compressor type		Rotary	Rotary	Rotary
Weight	kg	35	37	37
Dimensions (WxDxH)	mm	760x545x245	760x545x245	760x545x245

Electrical Data

Linking pipes (not supplied)				
Power supply	PH/V/Hz	1PH~230 V - 50 Hz		
Power supply		Indoor	Indoor	Indoor
Power Supply Wiring Cross Section	mm ²	3x1,5	3x1	3x1,5
Interconnecting Cable Cross Section	mm ²	4x1,5	4x1	5x1,5
Liquid pipe/Suction pipe diameter	inchs	1/4''-3/8''	1/4''-3/8''	1/4''-3/8''
Max. length /Max. height	m	15/10	15/10	15/10

(1) Nominal heating capacity: International conditions: 20°C/12°C (wet bulb) – outside air temperature 7°C/6°C (wet bulb) [Standards NF EN 255.2 – NF EN 814.2]

(2) Nominal cooling capacity: International conditions : 27°C/19°C (wet bulb) – outside air temperature 35°C/24°C (wet bulb) [Standards NF EN 255.2 – NF EN 814.2]

(3) Acoustic levels: Global acoustic pressure in dBa (1 m comfort range), under nominal conditions: outdoor unit in an open area against a reflective background – indoor unit: installation in an average sized room (PV – 0.5 s reverberation).

ELECTRA
air conditioning



1bis, avenue du 8 mai 1945

Saint-Quentin-en-Yvelines/F-78284 Guyancourt Cedex

Fax : +33 (0) 1 39 44 65 17-Tel : +33 (0) 1 39 44 78 00



Your distributor