

innovation

evolution



Low wall and ceiling mounted  
Split-system

# California SX

Cooling only



Heat pump



Electric heating



R407C



**Airwell**  
Air Conditioning

The latest technology is pushing back the frontiers in terms of optimising user comfort and simplifying installation. With its pure, flowing lines, the CALIFORNIA SX represents a fine example of today's design trends. Its High Tech control

**Innovations**

The CALIFORNIA SX benefits from the latest technological innovations such as dual automatic sweeping and bi-directional blowing. These units have been carefully designed to guarantee very high comfort levels for their users and extremely easy fitting for installers.

**Proven technology**

All the safety and operating parameters are microprocessor controlled, thus guaranteeing high reliability performance levels and quiet operation: treated air temperature and flow adjustment, system programming, «I feel» function, anti-freezing protection...

**Total reliability**

Depending on the model, the condenser units are equipped with either rotary or Scroll compressors. Both versions offer quiet, low energy consumption operation and are protected by a «High Density» powder paint coating offering a high degree of resistance to the elements.

benefits

panel and its slender styling enable it to blend harmoniously into all types of interior décor. Its discreet and elegant presence matches perfectly the latest demands of the residential and tertiary sectors. The CALIFORNIA SX direct expansion air conditioner range comprises 6 «Cooling only» models and 6 «Heat Pump» models, with optional electric heating. They can be installed as either low wall mounted or ceiling mounted units. The outdoor condenser units can also be mounted either on a wall bracket, on the ground on a balcony or on a terrace.

■ SX 24, SX 30 models



■ SX 9, SX 12, SX 15, SX 18 models



■ GC SX 9, 12 et 15 models

Evolution, innovation

**Evolution with dual automatic sweeping.**

The SX air conditioners are equipped with 2 motorised blowing grilles, one providing VERTICAL sweeping (up and down) and the other HORIZONTAL sweeping (left to right). Thus, the treated air is distributed perfectly evenly throughout the entire room.



**Innovation with bi-directional blowing.**

The appliances are also designed for air conditioning two adjacent rooms if required. You just have to install the connection kit, available as an accessory, to distribute treated air between the rooms and to install the blowing grille in the second room to be air conditioned. An adjustable flap enables air distribution between the two rooms to be adjusted. Pre-cut locations on the rear of the appliance are provided for easy blowing nozzle connection.



Night time slow running

This function adapts the temperature for ideal night time rest conditions and energy savings. Both in Cooling and Heating modes, it is possible to automatically programme 3 different set temperatures. Energy consumption is thus reduced by 7% per degree, representing considerable energy savings.



Remote controls

A choice of state of the art, ergonomic multi-functions remote controls

**Infrared remote control**

For distances up to 8 m.

**Wall mounted remote control**

Available as an accessory: hardwired control. Possibility of connecting up to 32 indoor units (15 different zones). Maximum cable length: 300 m.

- Automatic Cooling / Heating regulation.
- 3 ventilation (fan) speeds.
- Automatic ventilation.
- I FEEL function.
- Night time slow running.
- Dual treated air sweeping: horizontal and vertical directions.
- Dehumidification.

- 2 programming zones: week & weekend.
- Backlit LCD display.



Manual or infrared remote control

Programming

Thanks to its microprocessor, the air conditioning unit is capable of managing user comfort on its own. Programming enables deferred system starting or stopping, thus optimising energy consumption savings. The user has two programming time zones available: one for the week, and one for the weekend (for example).

SX		SX 9	SX 12	SX 15	SX 18	SX 24	SX 30
<b>Cooling capacity (1)</b>	<b>kW</b>	<b>2,54</b>	<b>3,54</b>	<b>4,33</b>	<b>5,2</b>	<b>7,08</b>	<b>8,8</b>
Power input	kW	0,89	1,26	1,51	2,13	2,51	3,38
Airflows (normal speed)	m <sup>3</sup> /h	300/320/350	360/390/420	360/415/450	450/500/550	630/735/840	740/895/1020
Acoustic pressure at 1 m (3)							
- Indoor (normal speed)	dB(A)	33/35/38	34/38/41	35/38/42	40/44/47	43/47/50	45/51/54
- Outdoor	dB(A)	50	53	54	47	47	62
<b>Power supply</b>							
1~230 V - 50 Hz		o	o	o	o	o	o
3N~400 V - 50Hz		-	-	-	o	o	o
Motor fuse rating (1~230 V)	A	8	8	12	16	16	32
Motor fuse rating (3~400 V)	A	-	-	-	6	6	10
Compressor type		Rotary	Rotary	Rotary	Scroll	Scroll	Scroll
Operating limits – Winter / Summer					- 7 °C / + 46 °C		
<b>Linking specification between indoor and outdoor units</b>							
Pipe links (not supplied)							
Maximum pipe length	m	15	15	15	25	25	25
Maximum height difference	m	7	7	7	10	10	10
Liquid pipe diameter	Inches	1/4	1/4	1/4	3/8	3/8	3/8
Suction pipe diameter	Inches	3/8	1/2	1/2	5/8	5/8	5/8
Power cable section (not supplied)							
1~230 V version	mm <sup>2</sup>	5x1,5	5x1,5	5x1,5	5x1,5	5x1,5	5x2,5
3~400 V version	mm <sup>2</sup>	-	-	-	5x1,5	5x1,5	5x1,5

SX RC		SX 9 RC	SX 12 RC	SX 15 RC	SX 18 RC	SX 24 RC	SX 30 RC
<b>Heating capacity (2)</b>	<b>kW</b>	<b>2,81</b>	<b>3,87</b>	<b>4,45</b>	<b>5,78</b>	<b>7,52</b>	<b>8,42</b>
Power input	kW	0,98	1,26	1,48	2,4	2,6	3,24
<b>Linking specification between indoor and outdoor units</b>							
Pipe links (not supplied)							
Maximum pipe length	m	15	15	15	25	25	25
Maximum height difference	m	7	7	7	10	10	10
Liquid pipe diameter	Inches	1/4	1/4	1/4	3/8	3/8	3/8
Suction pipe diameter	Inches	3/8	1/2	1/2	5/8	5/8	5/8
Power cable section (not supplied)							
1~230 V version	mm <sup>2</sup>	6x1,5	6x1,5	6x1,5	6x1,5	6x1,5	6x2,5
3~400 V version	mm <sup>2</sup>	-	-	-	6x1,5	6x1,5	6x1,5
Electric heating							
1~230 V version	W	1250	1250	2000	2000	3000	3000
3N~400 V version	W	-	-	-	-	3000	3000
<b>Indoor unit</b>							
Weight	kg	21	21	21	21	29,5	32
Dimensions (WxDxH) without accessories	mm	820x190x630	820x190x630	820x190x630	820x190x630	1 200x190x630	1 200x190x630
<b>Outdoor unit</b>							
Weight	kg	35	38	41	56	58	82
Dimensions (WxDxH)	mm	795x290x610	795x290x610	795x290x610	850x370x690	850x370x690	900x340x860

NOTES: All values are specified for a 230 V or 3N 400 V – 50 Hz supply voltage.

(1) Nominal cooling capacity: International conditions (Standards NF EN 255.2 - NF EN 814.2): 27° C / 19° C (wet bulb) - Outdoor air temperature 35° C / 24° C (wet bulb).

(2) Nominal heating capacity: International conditions: 20° C / 12° C (wet bulb) - Outdoor air temperature 7° C / 6° C (wet bulb).

(3) Acoustic levels. Global acoustic pressure in dBA at 1 m under nominal conditions: outdoor unit in an open area against a reflective background - indoor unit: installation in an average sized room (LS - 0.5 s reverberation).



**ACE**  
Marketing



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