

SC 1832

AIR CONDITIONER



Product data sheet 2008

Product range	split unit air conditioners
Brand name	Zibro
Model	SC 1832
Colour	Zibro white
EAN code indoor unit	8713508743363
EAN code outdoor unit	8713508743370

Technical specifications

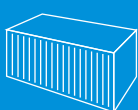
		Cooling	Heating
EER / COP *	W/W	3.23	3.7
EE-Class / Heating performance *		A	A
Capacity * (nom.)	kW	3.2	3.6
Capacity * (min-max)	kW	0.7 - 4.0	0.8 - 4.7
Capacity range *	kW	n/a	
Power consumption (nom.)	kW	0.99	0.97
Power supply	V/Hz/Ph	230 / 50 / 1	
Current (nom.) **	A	4.7	4.4
Air flow (nom.) **	m ³ /h	550/550	
For rooms up to **	m ³	80 - 100	
Dehumidification capacity ***	L/24 h	28	
Operating range	°C	-15 - 43	
Thermostatic range	°C	17 - 30	
Sound pressure level indoor**	dB(A)	31 - 41	
Sound pressure level outdoor**	dB(A)	54	
Fan speed		3 positions	
Negative ions generated	cc/air	n/a	
Control		electronic / remote	
Air filter	type	Screen/active carbon	
Refrigerant type / charge	R / gr	R410A / 940	
Max. length refr. pipe between in- / outdoor unit ****	m	20	
Max. diff. in height between in- / outdoor unit ****	m	8	
Dimensions indoor (w x h x d)	mm	790x190x275	
Dimensions outdoor (w x h x d)	mm	760x590x285	
Compressor type		rotary	
Protection class indoor	IP	IP 20	
Protection class outdoor	IP	IP 24	
Weight indoor	kg	9	
Weight outdoor	kg	40	
Guarantee	years	2	

* Measured conform EN 14511-2004

** To be used as indication

*** Moisture removal at 32°C, 80% RH

**** When over 5 mtrs additional refrigerant is needed, check manual



20 ft = ...
40 ft = 193
HQ = 223

W x D x H =
in: 1005x375x385mm
out: 890x655x360mm

Gross =
20.5 kg/
45 kg

Accessories

Remote control (ABS 0607)	8713508737256
Remote control holder	
2 pcs. AAA batteries	
4 metres drainage tube	
Download instructions manual	
User manual	
Installation manual	

Most important spare parts

Spare part description	EAN Code



home made climates



Cooling + heating (heat pump) + dehumidifying



Inverter technology



Easy installation via Quick Connector system



Quickly at the desired temperature through Turbo function



Extra frost protection in outdoor unit



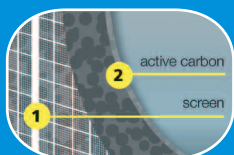
Golden Fin corrosion treatment



Sleep timer



Adjustable airflow direction



Screen filter and active carbon filter

SC 1832 AIR CONDITIONER

Features

Cooling + dehumidifying + heating (heat pump): The air conditioning is a complete air treatments system. It can cool, dehumidify and heat the air all in one.

Air conditioning: In COOLING mode the unit produces a pleasant and refreshing cool airflow.

Heating: In HEATING mode the unit produces a warm and comfortable airflow.

Dehumidifying: In DRY mode the unit dehumidifies the air in the room as efficient as possible. Note: In COOLING mode the air is also dehumidified.

Inverter technology: maximum comfort: The Zibro DC Inverter Wall Mounted Split air conditioner continuously adjusts the cooling and heating capacity according the desired room temperature. When the desired temperature is reached, the compressor speed is gradually decreased to maintain the room temperature with a minimum of variation. By varying gradually the compressor capacity, the expected lifetime as well as the experienced comfort level will increase. Looking at the experienced comfort level for the user of the inverter system: Non-inverter air conditioners, which operate at a constant speed, must turn on/off the compressor to control the room temperature causing less comfortable temperature fluctuations.

Inverter technology: minimum energy consumption: The compressor starts to slow down as the room temperature reaches the desired temperature. As a result, the over all power consumption is reduced significantly (up to 35% less than non inverter/ conventional types).

Easy installation via industrial proven "Spanner" Quick Connector System: The air conditioner is provided with a Spanner type Quick connection system which makes it easy to connect indoor unit with outdoor unit, simply pull the lever without the need for tools. There is no need for additional brazing anymore. The Spanner type Quick connector is of the Parker brand, ensuring the most durable and high quality quick connection method. The Parker Quick Connector has proven quality in industrial applications.

Connection via flexible tubes: The air conditioner is provided with Stainless Steel flexible refrigerant gas line and Soft Copper refrigerant liquid line. Due to these flexible lines the installation can be done in the most easiest way without the risk of folding/ cracking.

EXTRA: frost protection in outdoor unit: The outdoor unit is provided with a PTC heating cable. When the system is working as a heater in the wintertime the PTC heating cable will keep the drip pan in the outdoor unit clear of ice, making sure the condensate water can reach the drain point.

EXTRA: anti-corrosion treatment in outdoor unit: The Zibro Golden Fin corrosion treatment on the outdoor condenser heat exchanger improves the heating efficiency and accelerates the defrosting process. The unique anti corrosive Golden Fin coating can withstand salty air and rain in a superb way resulting in a longer expected lifetime of the condenser.

Environment friendly refrigerant R410a: The most preferred and environmental friendly refrigerant R410a is used in the air conditioner.

Turbo mode: With the Turbo mode the air conditioner will reach the preset temperature in the shortest possible time.

Screen filter and active carbon filter: This air conditioner is equipped with a double filter process to clean the circulated room air. In the first stage the screen filter removes the larger (dust) particles. In the second stage the active carbon filter removes unpleasant odours from the air.

Remote control with LCD screen: The unit can be operated with an easy to handle remote control including LCD-display. Using the remote control the air conditioner can be operated up to a distance of approx. 8 metres.

Remote control holder: The remote control can be placed in the wall mounted remote control holder which is delivered together with the unit.

Adjustable airflow: The up-down airflow can be automatically changed by using the SWING mode. The left-right airflow can be changed manually.

Sleep Mode: This function enables the air conditioner to increase (cooling) or decrease (heating) automatically 1°C per hour for the first two hours and then maintain the same temperature for five hours after which the air conditioner will stop operating automatically. It maintains the most comfortable temperature and saves energy at the same time.

Fan speed setting: Select with FAN speed button: Automatic, Low, Medium or High. The LCD display on the remote control will show the chosen speed.

Automatic operation: The air conditioning system can be set to automatic operation for the most suitable MODE: Cooling, Dehumidifying or Heating, monitoring the indoor temperature.

Auto restart function: If there is any power failure during operation, the operation status before power failure is memorised and the unit starts operating automatically after power recovery.

Timer: Use TIMER or set a working time between 30 minutes and 24 hours. The preset time appears in the display of the remote control. The unit switches ON or OFF automatically when this time is passed.

Full colour box: The unit is delivered completely with all auxiliary parts in a full colour box showing application and operation information in 14 languages.