

TSCS 1232 SPLIT AIR CONDITIONER



Product data sheet

Brand name	Tectro	
Model	TSCS 1232	
Sound power level indoor	dB(A)	50
Sound power level outdoor	dB(A)	60
Refrigerant GWP	Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO ₂ , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.	
SEER ¹ / energy efficiency class average season ¹	6.1 / A++	
Indicative annual electricity consumption during cooling season (Qce)	kWh/a	195
Design load (capacity) in cooling mode	Pdesignc kW	3.4
SCOP ¹ / energy efficiency class	4.0 / A+	
Indicative annual electricity consumption during average heating season (Qhe)	kWh/a	840
Declared suitable regions (W/A/C)	A	
Design load (capacity) in heating mode	Pdesignh kW	2.4
Declared capacity at reference design condition (heating average season)	kW	3.42
Back up heating capacity at reference design condition (heating average season)	kW	0.2

Product specifications

Colour	White	
EAN code indoor unit	8713508783642	
EAN code outdoor unit	8713508783659	

Technical specifications

Technical specifications		Cooling	Heating
Capacity min - max	kW	1.00 - 3.77	1.00 - 3.81
Power consumption (nom.)	kW	1.13	0.92
Power supply	V/Hz/Ph	220-240~/50/1	
Current (max.)	A	10.0	
Air flow (max.) ²	m ³ /h	550	
For rooms up to ²	m ³	80-100	
Dehumidification capacity ³	L/24 h	28.8	
Operating range indoor unit	°C	17~32	0~30
Operating range outdoor unit	°C	-15~53	-20~30
Thermostatic range	°C	16-31	
Sound pressure level indoor (low)	dB	22	
Sound pressure level outdoor	dB	50	
Fan speed	5 positions		
Control	electronic / remote		
Air filter	type	Screen	
Refrigerant type / charge	R / gr	R32 / 550	
Refrigerant GWP	675		
CO ₂ equivalent	tonnes	0.372	
Max. length refr. pipe between in- / outdoor unit	m	25	
Max. diff. in height between in- / outdoor unit	m	10	
Diameter for connection	Liquid side ø mm	6.35(1/4)	
	Gas side ø mm	9.52(3/8)	
Dimensions indoor (w x d x h)	mm	777x201x250	
Dimensions outdoor (w x d x h)	mm	777x290x498	
Compressor type	rotary / GMCC		
Protection class indoor	IP	IP X0	
Protection class outdoor	IP	IP X4	
Weight indoor	kg	8.5	
Weight outdoor	kg	25	
Guarantee	years	2	

¹ Measured conform EN 14825 / EN 14511 / EN 12102

² To be used as indication

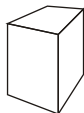
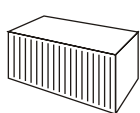
³ Moisture removal at 32°C, 80% RH

Accessories

Remote control
Remote control holder
2 pcs. AAA batteries
2 metres drainage tube
User manual
Installation manual

Most important spare parts

Spare part description	EAN Code



20 ft = 125
40 ft = 252
HQ = 278

W x D x H
in: 850X320X275
out: 838X338X540

Gross:
11 kg/
28 kg

TECTRO

TSCS 1232 SPLIT AIR CONDITIONER

INVERTER

Inverter-system

QUICK CONNECT

Quick Connector System

REMOTE CONTROL

*Remote control with
LCD screen*

ADJUSTABLE AIRFLOW

*Up-down and left-right
adjustable airflow*

FAN SPEED

*3 Fan speed settings +
Auto speed*

TIMER

24-hour timer

SLEEP

Sleep Mode

Features

Cooling + dehumidifying + heating:

The air conditioning is a complete air treatment system. It can cool, dehumidify and heat the air.

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. Because also the free of charge energy from the outdoor air is used to increase the efficiency of the system.

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 Tectro 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 "Screw Quick Connector System:

The air conditioner is provided with a Screw type Quick connection system which makes it easy to connect indoor unit with outdoor unit. From environmental point of view it is required that final installation / putting into operation is done via certified refrigeration (f-gasses) engineer.

Connection via flexible tubes:

The air conditioner is provided with Soft Copper refrigerant liquid line. The tube set is not pre-mounted to the unit. This guarantees a simplified mounting of the indoor unit and limits the risk of damaging the flexible tubes during installation. Due to the flexibility of the lines the installation can be done in the most easiest way without the risk of folding/ cracking.

Environment friendly refrigerant R32:

The most preferred and environmental friendly refrigerant R32 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.

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.

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.

Standby mode:

This energy saving feature enables the unit to stay in standby mode (only 1 W energy consumption).

White carton box:

The unit is delivered completely with all auxiliary parts in a White box.