Manuals+ — User Manuals Simplified.



BOSCH CLC6001i-Set 25 E Climate Class 6000i Split Air Conditioner Installation Guide

Home » Bosch » BOSCH CLC6001i-Set 25 E Climate Class 6000i Split Air Conditioner Installation Guide 🛸

Contents

 BOSCH CLC6001i-Set 25 E Climate Class 6000i Split Air Conditioner
 Product Information
 Product Usage Instructions
 Explanation of symbols and safety instructions
 Product Information
 Installation

 6.1 Before installation
 7 Commissioning
 Troubleshooting
 Environmental protection and disposal
 Data Protection Notice
 Tech data
 Documents / Resources

 12.1 References



BOSCH CLC6001i-Set 25 E Climate Class 6000i Split Air Conditioner



Product Information

The Climate Class 6000i/8000i is a split-type air conditioner. It is available in various models, including CLC6001i-Set 25 E, CLC6001i-Set 35 E, CLC8001i-Set 25 E (T/S/R), and CLC8001i-Set 35 E (T/S/R). The product is designed for cooling and climate control purposes.

Climate Class

- bg: Split _type
- el: Split air conditioner
- en: Split air conditioner
- fr: Climatiseur split
- hr: Mono split klima-ureaj
- it: Condizionatore split
- mk: Split-airconditioning
- nl: Split-airconditioning
- nl-BE: Split-airconditioning
- pl: Urzdzenie klimatyzacyjne split
- ro: Aparat de aer condiionat
- sl: Split klimatska naprava
- sq: Kondicioner Split
- sr/cnr: Split klima ureaj
- tr: Duvar tipi split klima

Model Numbers

- CLC6001i-Set 25 E
- CLC6001i-Set 35 E
- CLC8001i-Set 25 E (T/S/R)
- CLC8001i-Set 35 E (T/S/R)

Compliance and Safety

The product complies with EN 60335-1 standards and is designed with safety features. For more information on compliance and safety, refer to the user manual provided by the manufacturer.

Product Usage Instructions

- 1. Make sure to follow the installation instructions provided in the user manual.
- 2. Ensure that the air conditioner is connected to a power source according to the electrical requirements specified in the user manual.
- 3. Refer to the user manual for information on how to operate the air conditioner, including temperature control, fan speed adjustment, and mode selection.
- 4. Clean and maintain the air conditioner regularly to ensure optimal performance. Refer to the user manual for cleaning instructions.
- 5. If you encounter any issues or have questions about the product, refer to the troubleshooting section in the user manual or contact customer support.

Explanation of symbols and safety instructions

Explanation of symbols

Warnings

In warnings, signal words at the beginning of a warning are used to indicate the type and seriousness of the ensuing risk if measures for minimizing danger are not taken. The following signal words are defined and can be used in this document:

DANGER

DANGER indicates that severe or life-threatening personal injury will occur.

WARNING

WARNING indicates that severe to life-threatening personal injury may occur.

CAUTION

CAUTION indicates that minor to medium personal injury may occur.

NOTICE

NOTICE indicates that material damage may occur.

Important information

The info symbol indicates important information where there is no risk to people or property.

Symbol	Meaning
	Warning regarding flammable substances: the R32 refrigerant used in this product is a gas with mild combustibility and low toxicity (A2L or A2).
	Maintenance by a qualified person should be done while following the instructions of t he service manual.
i	For operation follow the operating instructions for users.

General safety instructions

Notices for the target group

These installation instructions are intended for qualified persons who are skilled in dealing with refrigeration engineering and HVAC technology and also electrical systems. All system-relevant instructions must be observed. Failure to comply with instructions may result in material damage and personal injury, including danger to life.

- Before carrying out the installation, read the installation instructions of all system components.
- Observe the safety instructions and warnings.
- Follow national and regional regulations, technical regulations and guidelines.
- Record all work carried out.

Intended use

The indoor unit is intended for installation inside the building with connection to an outdoor unit and further system components, e.g. controls.

The outdoor unit is intended for installation outside the building with connection to an indoor unit or units and further system components, e.g. controls.

Any other use is considered inappropriate. Any damage that may result from misuse is excluded from liability.

For installation at special locations (underground garage, mechanical rooms, balcony or at any semiopen areas):

• First refer to the requirements for the installation site in the technical documentation.

H General dangers posed by the refrigerant

- This appliance is filled with refrigerant R32. If the refrigerant gas gets into contact with fire, it may generate toxic gas.
- Thoroughly ventilate the room if refrigerant leaks during the installation.
- Check the tightness of the system following the installation.
- Do not to let any other substance than the specified refrigerant (R32) into the refrigerant cycle.

Safety of electrical devices for domestic use and similar purposes

The following requirements apply in accordance with EN 60335-1 in order to prevent hazards from occurring when using electrical appliances:

"This appliance can be used by children of 8 years and older, as well as by people with reduced physical, sensory or mental capabilities or lacking in experience and knowledge, if they are supervised and have been given instruction in the safe use of the appliance and understand the resulting dangers. Children shall not play with the appliance. Cleaning and user maintenance must not be performed by children without supervision." "If the power cable is damaged, it must be replaced by the manufacturer, its customer service department or a similarly qualified person, so that risks are avoided."

Handover to the user

When handing over the air conditioning system, explain the operation and operating conditions to the user.-

- Explain operation with particular emphasis on all safety-related actions.
- Highlight the following points in particular:
 - Point out that modifications or repairs may be carried out only by an approved contractor.
 - To ensure safe and environmentally compatible operation, an annual inspection, and also cleaning and maintenance if required, must be carried out.
- Point out the possible consequences (personal injury and possible danger to life or material damage) of not carrying out inspection, cleaning and maintenance correctly, or omitting it altogether.
- Hand over the installation and operating instructions to the user for safekeeping.

Notices regarding these instructions

The figures are shown together at the end of these instructions. The text contains references to the figures. Depending on the model, the products may be different to those shown in these instructions.

Product Information

Declaration of conformity

The design and operating characteristics of this product comply with the European and national requirements.

The CE marking declares that the product complies with all the applicable EU legislation, which is stipulated by attaching this marking.

The complete text of the Declaration of Conformity is available on the Internet: worcester-bosch.co.uk.

Simplified EU Declaration of Conformity regarding radio equipment

Bosch Thermotechnik GmbH hereby declares, that the Climate Class 6000i/8000i product described in these instructions complies with the Directive 2014/53/EU. The complete text of the EU Declaration of Conformity is available on the Internet: worcester-bosch.co.uk.

Scope of delivery

Key to Fig. 1:

- 1. Outdoor unit (filled with refrigerant)
- 2. Indoor unit (filled with nitrogen)
- 3. Mounting Plate
- 4. Mirror sheet metal (only for colored product types CLC8001i... T/S/R)1)
- 5. Terminal cover with screw
- 6. Remote control with batteries

- 7. Set of printed documents for product documentation
- 8. Fixing materials (7 long screws, 1 special screw for fixing the remote control and 8 wall plugs)
- 9. Sheet metal (for fixing the cable in the strain relief)
- 10. Drainage connection and drainage tray (only for product types CLC8001i...)
- 11. Drainage connection (only for product types CLC6001i...)



Product dimensions and minimum clearances

Indoor unit and outdoor unit Fig. 2

- 1. Wall plug (scope of delivery)
- 2. Special screw (scope of delivery)
 - (A)CLC8001i... model
 - (B)CLC6001i... model



Refrigerant lines

Key to Fig. 3:

- 1. Pipe on gas side
- 2. Pipe on liquid side
- 3. Siphon-shaped elbow as oil separator

If the outdoor unit is positioned higher than the indoor unit, install a siphon-shaped elbow on the gas side after no more than 6 m and every 6 m thereafter (Fig. 3, [1]).

• Observe maximum pipe length and maximum difference in height between indoor unit and outdoor unit.

	Maximum pipe length1) [m]	Maximum height difference2) [m]
All types	≤ 15	≤ 10

- 1. Gas side or liquid side
- 2. Measured from bottom edge to bottom edge.

Table 2 Pipe length and difference in height

	Pipe size		
Unit type	Liquid side [mm]	Gas side [mm]	
All types	6.35 (1/4")	9.53 (3/8")	

Pipe diameter [mm]	Alternative pipe diameter [mm]
6.35 (1/4")	6
9.53 (3/8")	10

Table 4 Alternative pipe diameter

Specification of the pipes				
Min. piping length	3 m			
Additional refrigerant if the pipe length	CLC6001i: 15 g/m			
exceeds 7.5 m (liquid side)	CLC8001i: 0 g/m1)			
Pipe thickness with 6.35 mm to 12.7 mm				
pipe diameter	≥ 0.8 mm			
Thickness of insulation against heat	≥ 6 mm			
Material of insulation against heat	Polyethylene foam			

1. Prefilled for maximum pipe length of 15 m.

Table 5





Installation

Before installation

• Wear protective gloves during installation.

CAUTION

Danger of burns! During operation the pipes become hot.

- Make sure, that the pipes cooled down before touching them.
- Check the scope of delivery for damage.
- Check whether a hissing sound due to negative pressure can be detected when opening the pipes of the indoor unit.

Requirements for installation location

- Observe minimum clearances (Fig. 4).
 IDU
- Do not install the indoor unit in a room in which open ignition sources (for example: open flames, an operating wall mounted gas boiler or an operating electric heating system) are in operation.
- The appliance can be installed in a room with a floor area of 4 m2, if the installation height is at least 2.5 m. If the installation height is lower, the floor area must be accordingly larger.
- The installation location must not be higher than 2000 m above sea level.
- Keep the air inlet and air outlet clear of any obstacles to allow the air to circulate freely. Otherwise bad performance and higher noise level may occur.
- Keep TV, radio and similar appliances at least 1 m away from the device and the remote control.
- Mount the indoor unit on a wall that absorbs vibrations.
 Outdoor unit
- The outdoor unit must not be exposed to machine oil vapour, hot spring vapour, sulphur gas, etc.
- Do not install the outdoor unit directly next to water or where it is exposed to sea air.
- The outdoor unit must always be kept free of snow.
- There must be no disruption caused by extract air or operating noise.
- Air should be able to circulate freely around the outdoor unit,

but the appliance must not be exposed to strong wind.

- Condensate that forms during operation must be able to drain off easily. Lay a drain hose if required. In cold regions, installation of a drain hose is not advisable as it could freeze.
- Place the outdoor unit on a stable base.

Unit installation

NOTICE

Incorrect assembly can cause material damage. If the unit is assembled incorrectly, it may fall off the wall.

- Only install the unit on a solid flat wall. The wall must be capable of supporting the weight of the unit.
- Only use screws and wall plugs that are suitable for the wall type and weight of the unit.

Installing the indoor unit

- Open the box and lift the indoor unit out and up.
- Place the indoor unit with the moulded parts of the packaging face down.
- Remove the mounting plate on the rear of the indoor unit.
- Determine the installation location, taking the minimum clearances into consideration (Fig. 2).
- Attach the mounting plate with a screw and wall plug via the centre hole to the wall and align horizontally (Fig. 4).
- Fasten the mounting plate with a further six screws and wall plugs so that the the mounting plate lies flat on the wall.
- Drill wall outlet for the piping (wall outlet should be behind the indoor unit as a recommendation Fig. 5).





The markings [1] serves the positioning of the hole.

• Change the position of the condensate pipe if necessary (Fig. 6).

The pipe fittings on the indoor unit are generally located behind the indoor unit. We recommend extending the pipes before mounting the indoor unit.

- Establish pipe connections as described in Chapter 3.4.
- Bend the piping in the required direction if necessary, and knock out an opening on the side or underneath on the cover panel (Fig. 8).
- Route the piping through the wall and attach the indoor unit to the mounting plate (Fig. 9).
- Additional mirror metal sheets are available for CLC8001i... T/S/R, and must be attached at the designated points (Fig. 10, [2]).
 - Determine the position of the mirror metal sheets.1)
 - Pull off adhesive foil.
 - Match mirror metal sheets to the mirrored metal sheets that are already installed [1].



If it is necessary to take the indoor unit off the mounting plate:

• Press against the marks on the bottom of the indoor unit, and pull the indoor unit towards the front (Fig. 11, [1]).

These marks are not visible on the coloured product types CLC8001i... as a mirror metal sheet is attached at this point. The indoor unit can still be removed from the wall in this manner by pressing at the corresponding points.

Installing the outdoor unit

- Place the box so it is facing upwards.
- Cut and remove the packing straps.
- Pull the box up and off and remove the packaging.
- Prepare and install a floor or wall mounting bracket, depending on the type of installation.
- Mount or hang the outdoor unit using the anti-vibration coupling for the feet which is supplied with the unit or is
 provided on site.
- When installing on the floor or wall mounting bracket, attach the supplied drainage tray [2] drainage elbow [3] to the drainage hole [1] (Fig. 12).

Connect a commercial drain hose [4] if water drops and causes problem.

- Remove the cover for the pipe connections (Fig. 13).
- Establish pipe connections as described in Chapter 3.4.
- Mount the cover for the pipe connections again.





Pipework connection

Connecting refrigerant lines to the indoor and outdoor unit

CAUTION

Discharge of refrigerant due to leaky connections Refrigerant may be discharged if pipe connections are incorrectly installed.

• When reusing flared joints, always fabricate the flared part again.

Copper pipes are available in metric and imperial sizes, the flare nut thread is however the same. The flared fittings on the indoor and outdoor unit are intended for imperial sizes.

- When using metric copper pipes, replace the flare nuts with nuts of a suitable diameter (Tab. 6).
- Determine pipe diameter and length.
- Cut the pipe to length using a pipe cutter (Fig. 7).
- Deburr the inside of the pipe at both ends and tap to remove swarf.
- Insert the nut onto the pipe.
- Widen the pipe using a flaring tool to the size indicated in the tab. 6. It must be possible to slide the nut up to the edge but not beyond it.
- Connect the pipe and tighten the screw fitting to the torque specified in the tab. 6.
- Repeat the above steps for the second pipe.

NOTICE

Reduced efficiency due to heat transfer between refrigerant pipes

- Thermally insulate the refrigerant lines separately.
- Fit the insulation on the pipes and secure.

External diameter of pipe Ø [mm]	Tightening torque [Nm]	Flared opening dia meter (A) [mm]	Flared pipe end		Pre-assembled flar e nut thread
6.35 (1/4″)	18-20	8.4-8.7			1/4″
9.53 (3/8″)	32-39	13.2-13.5	50°±4 45°±2 45°±2 80.4-0.8		3/8″

Table 6 Key data of pipe connections

Connect condensate pipe to the indoor unit

The condensation catch pan of the indoor unit has two connections. A condensate hose and bung are mounted on these connections at the factory and can be replaced (Fig. 6).

Only route the condensate hose with a slope.

Checking tightness and filling the system

Checking tightness

Observe the national and local regulations when carrying out the tightness test.

- Remove the caps on the three valves (Fig. 14, [1], [2] and [3]).
- Connect the Schrader opener [6] and pressure gauge [4] to the Schrader valve [1].
- Screw in the Schrader opener and open the Schrader valve [1].
- Leave valves [2] and [3] closed and fill the system with nitrogen until the pressure is 10 % above the maximum design pressure of 42.5 bar.
- Check whether the pressure is still the same after 10 minutes.
- Admit nitrogen until the design pressure is reached.
- Check whether the pressure is still the same after at least 1 hour.
- Discharge nitrogen.





NOTICE

Malfunction due to incorrect refrigerant

The outdoor unit is filled with R32 refrigerant at the factory.

- If refrigerant needs to be topped up, only use the same refrigerant. Do not mix refrigerant types.
- Evacuate and dry system with a vacuum pump (Fig. 14, [5]) for at least 30 minutes until the pressure is roughly –1 bar (or approx. 500 microns).
- Open the valve at the top [3] (liquid side).
- Use a pressure gauge [4] to check whether the flow is unobstructed.
- Open valve at bottom [2] (gas side).

The refrigerant is distributed round the system.

- Afterwards, check the pressure ratios.
- Unscrew the Schrader opener [6] and close the Schrader valve [1].
- Remove the vacuum pump, pressure gauge and Schrader opener.
- Reattach the valve caps.
- Reattach the cover for pipe connections to the outdoor unit.





Electrical connection

General notes

WARNING

Risk to life from electric shock! Touching live electrical parts can cause an electric shock.

- Before working on electrical parts, disconnect all phases of the power supply (fuse/circuit breaker) and lock the isolator switch to prevent unintentional reconnection.
- Work on the electrical system must only be carried out by a qualified electrician.
- Observe safety measures according to national and international regulations.
- If there is a safety issue with the power supply or if there is a short circuit during installation, inform the customer in written form and do not install the unit until the issue is resolved.
- All electrical connections must be made in accordance with the electrical connection diagram.
- Only strip cable insulation with the correct tools.

- Do not connect any additional loads to the mains power supply of the unit.
- Do not mix up live and neutral wires. This can lead to malfunctions.
- If the mains power supply is fixed, install an overvoltage protector and isolator which is designed for 1.5 times the maximum power consumption of the unit.

Connecting the indoor unit

The indoor unit is connected to the outdoor unit using a 4-wire communication cable of the type H07RN-F. The conductor cross-section of the communication cable should be at least 1.5 mm2.

NOTICE

Material damage can be caused by connecting the indoor unit incorrectly Voltage is supplied to the indoor unit via the outdoor unit.

• Only connect the indoor unit to the outdoor unit.

To connect the communication cable:

- Open the top cover and front cover.
 - Release the locks on the top cover.
 - Hold the top cover against your own body and lift.
 - Unhook the front cover and pull towards the front along the rail. (Fig. 15).
- Process the end of the connecting lead [3] for the indoor unit (Fig. 16 to 17).
- Remove screw [4] and cover [5] of the terminal.
- Knock out an opening for the cable feed on the rear of the indoor unit and feed the cable through.
- Connect the cable to terminal N, 1, 2.
- Connect protective conductor [2] to .
- Note assignment of wires to the terminals.
- Reattach the cover of the switch on terminal.
- Fasten front and top cover again.
- Route the cable to the outdoor unit.





	A [mm]	B [mm]
CLC6001i	50	40
CLC8001i	65	55



Connecting the outdoor unit

A power cable (3-wire) is connected to the outdoor unit and the communication cable is connected to the indoor unit (4-wire).

Use cables of the type H07RN-F with sufficient conductor cross-section and protect the mains power supply with a fuse (Table 7).

Outdoor unit	Mains fuse protection	Conductor cross-section		
		Power cable	Communication cable	
All types	16 A	≥ 1.5 mm2	≥ 1.5 mm2	

Table 7

- Prepare the end of the power cable (Fig. 18).
- Prepare the end of the communication cable (Fig. 19).
- Remove the covers [3+6] of the electrical connection (Fig. 20).

Model CLC6001i... only has the cover [3].

- Secure power cable [2] and communication cable [1] to the strain relief [4]. If necessary, insert the supplied inlay [5] in-between.
- Secure power cable to terminals N, 1, and .
- Secure the communication cable to terminals N, 1, 2 and (assignment of wires to terminals same as indoor unit).
- Reattach the covers.

Commissioning

Commissioning checklist

1	Outdoor unit and indoor unit are correctly installed.	
2	 Pipes are correctly connected, thermally insulated, and checked for tightness. 	
3	Condensate pipes are functioning correctly and have been tested.	
4	 Electrical connection has been correctly established. Power supply is in the normal range Protective conductor is properly attached Connection cable is securely attached to the terminal strip 	
5	All covers are fitted and secured.	
6	The horizontal louver of the indoor unit is fitted correctly and the actuator is eng aged.	

Table 8

Functional test of device

The system can be tested once the installation including tightness test has been carried out and the electrical connection has been established:

- Connect the power supply.
- Switch on indoor unit with the remote control.
- Hold the ON/OFF [1] key pressed for 5 seconds to set the Cooling mode (Fig. 21)
 - A beep sounds and the ON indicator flashes.
- Test cooling mode for 5 minutes.
- Ensure freedom of movement of air baffle [2].
- Select the heating mode on the remote control.
- Test heating mode for 5 minutes.
- Press the ON/OFF key again to stop the operation.



Handover to the user

- When the system has been set up, hand over the installation manual to the customer.
- Explain to the customer how to use the system, referring to the operation manual.
- Advise the customer to carefully read the operation manual.

Troubleshooting

Faults with indication

WARNING Risk to life from electric shock! Touching live electrical parts can cause an electric shock.

• Before working on electrical parts, disconnect all phases of the power supply (fuse/circuit breaker) and lock the isolator switch to prevent unintentional reconnection.

A fault on the device can also be indicated by the sequential flashing of the following lights:

- ON indicator K (green)
- Timer lamp (orange)
- WLAN lamp (green)

The number of flashing signs specify the number of the fault codes.

When the fault 23 – 4 occurs for example, the ON indicator K (green) flashes twice, then the timer light (orange) flashes 3 times and the WLAN light (green) flashes 4 times. As an alternative, the fault code called up via the remote control operating instructions.

If a fault is present for more than 10 minutes:

- Briefly interrupt the power supply and switch the indoor unit back on. If a fault persists:
- Call customer service about the fault, providing details of the fault code and appliance.

Fault code	Possible Cause
00 - 0	Normal Operation
01 –	Short circuit on the thermistor of the outdoor unit
02 –	Fault caused by the temperature in the compressor or heat exchanger being too high
03 – 0	For protection, the outdoor unit is switched off for a short time.
05 –	Open electric circuit on the thermistor of the outdoor unit
06 –	Overloading from insufficient refrigerant or blocked air inlet/outlet. Fault at IPM module or ove rcurrent protection of the
07 –	outdoor unit main PCB.
09 –	Fault at thermistor or 4-way valve or insufficient refrigerant.
10 –	Faulty parameter in the EEPROM of the outdoor unit
11 –	Fault on fan in outdoor unit
13 –	Fault on compressor at start or operation
14 –	Fault at the impulse amplitude modulation
17 –	Incorrect electrical connection of the device with open electric circuit
18 –	Incorrect electrical connection of the device with short circuit
19 –	Fault on fan of the indoor unit
20 –	Faulty parameter in the EEPROM of the indoor unit
24 –	Communication error of the indoor unit with the WLAN
26 –	Fault on a thermistor of the indoor unit

Table 9

Faults without indication

Error	Possible Cause	Remedy	
	Heat exchanger of outdoor or indoor unit soiled.	Clean heat exchanger of outdoor or indoor unit.	
The output of the indoor unit is t oo low.	Lack of refrigerant	 Check tightness of pipes, reseal if r equired. Refill refrigerant. 	
Outdoor unit or indoor unit is not	No power	Check power connectionPower on the indoor unit.	
working.	RCD has tripped.	Check power connection.Check RCD.	
	Insufficient refrigerant in the system.	 Check tightness of pipes, reseal if r equired. Refill refrigerant. 	
Outdoor unit or indoor unit starts	Too much refrigerant in the system.	Remove refrigerant with refrigerant re covery unit.	
and stops continuously.	Moisture or impurities in the refriger ant circuit.	Evacuate refrigerant circuit.Fill with new refrigerant.	
	Voltage fluctuations too high.	Install voltage regulator.	
	Defective compressor.	Replace compressor.	

Environmental protection and disposal

Environmental protection is a fundamental corporate strategy of the Bosch Group.

The quality of our products, their economy and environmental safety are all of equal importance to us and all environmental protection legislation and regulations are strictly observed.

We use the best possible technology and materials for protecting the environment taking account of economic considerations.

Packaging

Where packaging is concerned, we participate in country-specific recycling processes that ensure optimum recycling.

All of our packaging materials are environmentally compatible and can be recycled.

Used appliances

Used appliances contain valuable materials that can be recycled.

The various assemblies can be easily dismantled. Synthetic materials are marked accordingly. Assemblies can therefore be sorted by composition and passed on for recycling or disposal.

Old electrical and electronic appliances

This symbol means that the product must not be disposed of with other waste, and instead must be taken to the waste collection points for treatment, collection, recycling and disposal.

The symbol is valid in countries where waste electrical and electronic equipment regulations apply, e.g. "European Directive 2012/ 19/EC on old electronic and electrical appliances". These regulations define the framework for the return and recycling of old electronic appliances that apply in each country.

As electronic devices may contain hazardous substances, it needs to be recycled responsibly in order to minimize any potential harm to the environment and human health. Furthermore, recycling of electronic scrap helps preserve natural resources.

For additional information on the environmentally compatible disposal of old electrical and electronic appliances, please contact the relevant local authorities, your household waste disposal service or the retailer where you purchased the product.

You can find more information here: www.weee.bosch-thermotechnology.com/

Batteries

Batteries must not be disposed together with your household waste. Used batteries must be disposed of in local collection systems.

Refrigerant R32

The appliance contains fluorinated gas R32 (global warming potential 6751)) mild combustibility and low toxicity (A2L or A2).

Contained quantity is indicated on the equipment outdoor unit name label.

Refrigerant is hazardous to the environment and must be collected and disposed of separately.

Data Protection Notice

An Internet connection is required to enable remote monitoring and remote control of a Bosch heating/ventilation system with this product. Once connected to the Internet, this product automatically establishes a connection with a Bosch server. During this process, the connection data, especially the IP address, are automatically transferred and processed by Bosch Thermotechnik. The processing can be set by restoring the default settings of this product. You can find further notices on data processing in the following data privacy statements and in the Internet.



GDPR), to fulfil our duty of product surveillance and for product safety and security reasons (art. 6 (1) sentence 1 (f) GDPR), to safeguard our rights in connection with warranty and product registration questions (art. 6 (1) sentence 1 (f) GDPR) and to analyze the distribution of our products and to provide individualized information and offers related to the product (art. 6 (1) sentence 1 (f) GDPR). To provide services such as sales and marketing services, contract management, payment handling, programming, data hosting and hotline services we can commission and transfer data to external service providers and/or Bosch affiliated enterprises. In some cases, but only if appropriate data protection is ensured, personal data might be transferred to recipients located outside of the European Economic Area. Further information are provided on request. You can contact our Data Protection Officer under: Data Protection Officer, Information Security and Privacy (C/ISP), Robert Bosch GmbH, Postfach 30 02 20, 70442 Stuttgart, GERMANY.

You have the right to object, on grounds relating to your particular situation or where personal data are processed for direct marketing purposes, at any time to processing of your personal data which is based on art. 6 (1) sentence 1 (f) GDPR. To exercise your rights, please contact us via <u>privacy.ttgb@bosch.com</u> To find further information, please follow the QR-Code.

Tech data

		CLC6001i-Set 25 E	CLC6001i-Set 35 E	CLC8001i-Set 25 E	CLC8001i-Set 35 E	
Cooling						
	kW	2.5	3.5	2.5	3.5	
Rated output	kBT U/h	9	12	9	12	
Power input at rated output	w	550	870	480	780	
Output (min. – max.)	kW	0.9-3.0	0.9-4.2	0.9-3.0	0.9-4.2	
Cooling load (Pdesignc)	kW	2.5	3.5	2.5	3.5	
Energy efficiency (SEER)	-	7.7	7.6	8.5	8.5	
Energy efficiency class	-	A++	A++	A+++	A+++	
Heating						
	kW	3.2	4.0	3.2	4.2	
Rated output	kBT U/h	10.9	13.6	10.9	14.3	
Power input at rated output	w	750	1000	610	910	
Output (min. – max.)	kW	0.9-4.5	0.9-5.5	0.9-5.0	0.9-6.5	
Heating load (Pdesignh)	kW	2.8	3.0	2.8	3.2	
Energy efficiency (SCOP)	-	4.6	4.6	5.1	5.1	
Energy efficiency class	-	A++	A++	A+++	A+++	
General						
Power infeed	V / H z	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50	
Max. power consumption	W	1430	1840	1500	2000	
Refrigerant	-	R32	R32	R32	R32	
Refrigerant charge	g	910	910	1100	1100	
Design pressure (gas side/fluid side)	MPa	4.25	4.25	4.25	4.25	
IDU						
Air flow rate (heating/cooling)	m3/h	687/636	696/678	786/852	852/852	

Sound pressure level (high/low/ silent)	dB(A)	39/33/23	40/34/23	46/37/23	46/37/23
Sound power level	dB(A)	54	55	57	59
Dimensions (width × depth × hei ght)	mm	879 × 229 × 28 9			
Net weight	kg	9	9	10	10
Outdoor unit					
Air flow rate	m3/h	1728	1872	1950	1950
Sound pressure level	dB(A)	48	49	47	48
Sound power level	dB(A)	62	63	59	61
Permissible ambient temperatur e (cooling/heating)	°C	–1048/–15 24	-1048/-15 24	-1048/-15 24	–1048/–15 24
Dimensions (width × depth × hei ght)	mm	780 × 269 × 54 0	780 × 269 × 54 0	800 × 300 × 63 0	800 × 300 × 63 0
Net weight	kg	30	30	39	39

Bosch Thermotechnology Ltd. Cotswold Way, Warndon Worcester WR4 9SW

United Kingdom

Tel. 0330 123 9559 worcester-bosch.co.uk

Bosch Thermotechnik GmbH Junkersstrasse 20-24 D-73249 Wernau www.bosch-thermotechnology.com

GB importer: Bosch Thermotechnology Ltd. Cotswold Way, Warndon Worcester WR4 9SW | UNITED KINGDOM

Documents / Resources

е



BOSCH CLC6001i-Set 25 E Climate Class 6000i Split Air Conditioner [pdf] Installation Guid

CLC6001i-Set 25 E, CLC6001i-Set 35 E, CLC8001i-Set 25 E, CLC8001i-Set 35 E, CLC6001i-Set 25 E Climate Class 6000i Split Air Conditioner, CLC6001i-Set 25 E, Climate Class 6000i Split Air Conditioner, Air Conditioner, Conditioner

References

- <u>New Boilers | Worcester Bosch</u>
- Bosch Chauffage et confort | Bosch Home Comfort France
- Boluzioni per il Riscaldamento e la Climatizzazione | Bosch
- O <u>De intelligente verwarmingsoplossingen (van ketels tot warmtepompen)</u> | <u>Bosch Home Comfort</u>
 <u>België</u>
- 🖲 Bosch Toplinska tehnika
- 🖲 Î'osch Home Comfort Hellas
- Bosch Home Comfort
- Bosch Home Comfort Alegerea dumneavoastrÄf durabilÄf!
- 🖲 PoÄetna | Bosch Grejna tehnika
- 🖲 Bosch toplotna tehnika | Bosch Toplotna tehnika
- Beizungs-, Raum- und KlimalĶsungen der Heizungsmarke Bosch
- Bosch Thermotechniek
- B Home | Bosch Home Comfort
- • (□) <u>0</u> <u>0</u>
- Bosch I YaÅŸam İçin Teknoloji | Bosch Home Comfort Türkiye
- DednoduÅje propojeni Se znaÄkou Bosch | BOSCH Home Comfort
- Bernard Bosch Home Comfort
- Beina pre vykurovanie a teplú vodu | Bosch Termotechnika
- © WEEE Electronic Waste

Manuals+,