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Voltas split ac e6 error code

E6 error in voltas ac. Voltas ac e6 error codes. What is the meaning of e6 in voltas ac.

Are you experiencing an E6 error code on your split Ac unit? Don't let this frustrating problem leave you in the heat! The E6 error code typically indicates a communication error between the indoor and outdoor units, which several issues can cause. While troubleshooting and fixing the issue may seem daunting, you can take some simple steps to identify the cause and get your split AC unit up and running again. Here are the key points to keep in mind if you encounter an E6 error code on your split AC. Loose or damaged communication wires, issues with high-voltage wiring, or a faulty control board can cause the E6 error code on a split AC. If you encounter this error code, the first step is to reset the unit by turning off the power and waiting for 10-15 minutes before turning it back on. If the error persists, it is recommended to check the voltage on the external and internal units, inspect the communication signal wiring and check the control boards for any faults. It is essential to address the issue promptly to prevent further damage to your split AC unit. If the error code persists, it may require professional assistance to diagnose and fix the issue. Regular maintenance of your split AC unit can also help prevent issues like the E6 error code from occurring in the first place. In this troubleshooting guide, we'll discuss the causes of the E6 error in detail and provide easy-to-follow steps to fix it. So, let's dive in and get your AC unit back to working perfectly! What Causes an E6 Error Code on a Split AC? An E6 error code on a split AC indicates a communication error between the indoor and outdoor units. Some of the most common causes of this error code are: 1. Faulty or Loose Wiring If the wiring in your split AC is faulty or loose, it can lead to communication errors and trigger the E6 error code.

# of short flash of Running light	State of Timer light	Display	INDOOR UNIT ERROR CODE DEFINITION
★ 1 time	OFF	E0	Indoor unit EEPROM error
★ 2 times	OFF	E1	Communication error between indoor unit and outdoor units
★ 4 times	OFF	E3	Indoor fan speed error
★ 5 times	OFF	E4	Indoor Return air temperature sensor error
★ 6 times	OFF	E5	Indoor coil temperature sensor error
★ 7 times	OFF	EC	Low refrigerant
★ 8 times	OFF	EE	High water level alarm
★ 1 time	LIT	F0	Outdoor current overload sensed
★ 2 times	LIT	F1	Outdoor ambient temperature sensor error
★ 3 times	LIT	F2	Outdoor coil temperature sensor error
★ 4 times	LIT	F3	Compressor discharge temperature sensor error
★ 5 times	LIT	F4	Outdoor unit EEPROM error
★ 6 times	LIT	F5	Outdoor unit fan speed error
★ 7 times	LIT	F6	Indoor coil outlet temperature sensor error
★ 1 time	FLASH	P0	Inverter module IPM error
★ 2 times	FLASH	P1	High or Low voltage protection
★ 4 times	FLASH	P3	Outdoor unit low temperature lockout
★ 5 times	FLASH	P4	Compressor drive error
★ 7 times	FLASH	P6	High pressure/ low pressure switch open
★ 8 times	FLASH	P7	Outdoor IGBT temperature sensor error
NOTE: ★ flash , ● light, X extinguished			

Indoor Unit Sticker Shown - ALL Indoor Units 09/30-48

The wires may become damaged due to wear and tear, extreme temperatures, or physical damage. 2. Open or Bad Communication Wires Communication wires between the indoor and outdoor units carry information about temperature, fan speed, and other AC functions. A break in the wire or they are the damage can disrupt communication and lead to the E6 error code. 3. Bad High Voltage Wiring The outdoor unit of your Split AC requires high-voltage power to operate. Any issues with the wiring that supplies this power can cause communication errors and trigger the E6 error code. 4. Faulty Control Board The control board in your split AC manages the communication between the indoor and outdoor units. If it malfunctions due to wear and tear power surges, or other electrical issues, it can lead to the E6 error code. 5. Other Factors Other factors that can contribute to an E6 error code include issues with the temperature sensors, fan motors, or other system components. It's important to address the root cause of the E6 error code to prevent further damage to your split AC. How To Fix E6 Error Code on a Split AC With a Reset If you're facing an E6 error code on your split AC, resetting the unit may help resolve the issue. Here's how you can reset the E6 code on your split AC: Step 1: Power Down the Unit First, turn off the power to the AC system by turning off the breaker or disconnecting the AC unit. Step 2: Wait for 10-15 Minutes Allow the system to rest for at least 10-15 minutes before turning it back on. This will give the system enough time to reset and clear any errors. Step 3: Turn the System Back On After the 15-minute wait time, turn on the power supply to the AC unit. If the error persists after resetting the unit, there may be an underlying issue with the wiring or the control board. How To Fix an E6 Error Code on a Split AC If the reset does not resolve the error code on your AC, there are several troubleshooting steps you can try to fix the issue. 1. Check the Voltage The first thing you should do is check the voltage on both the inside and outside units of your split AC. Ensure that the voltage going to the outside unit is between 115/230V and the voltage going to the inside unit is within the range specified by the manufacturer (usually lower than the outside unit). If the voltage is incorrect, you may need to call a professional electrician to fix the issue. 2. Check the Communication Wires If the voltage is correct, the problem may be with the communication signal wires between the inside and outside units. It would help if you located the wires connecting the inside and outside units to check the communication signal wires. These wires are usually 4-8 in number and connected to terminals labeled L1, L2, L3, etc. Inspect the wires for visible wear and tear or physical damage. Check for loose or disconnected wires and ensure they are securely connected to the correct terminals. If the wires appear in good condition, you can use a multimeter to test the continuity of the communication signal wires.

Set the multimeter to measure continuity and place one probe on the end of the wire and the other probe on the other end. If the multimeter beeps, the wire is continuous and functioning correctly. If there is no beep, the wire is broken or disconnected and needs to be replaced.



Repeat this process for each communication signal wire between the inside and outside units. After checking and repairing the communication signal wiring, turn the power back on and test the unit again to see if the E6 error code has been resolved. 3. Check the Control Board If the voltage and wiring are fine, the issue may be with the control board on the inside or outside unit. Inspect the control board for any visible sign of damage, such as burned components or bulging capacitors. If you find any damages, you must repair or replace the faulty control board to resolve the E6 error code on your split AC. Repairing or replacing the control board can be a complex task, and it is recommended to seek the assistance of a qualified technician to ensure that it is done correctly. Turning off the power supply to the AC before attempting any troubleshooting steps is crucial. This precaution is necessary to ensure your safety and prevent potential damage to the AC unit. Conclusion The E6 error code can be frustrating but can be resolved with the right troubleshooting steps. Whether the issue is related to communication wires, high-voltage wiring, or a faulty control board, taking the time to diagnose and fix the problem can save you time and money in the long run. If you're not comfortable with the troubleshooting process, it is best to seek the assistance of a professional HVAC technician to ensure that the issue is resolved correctly. You can get your split AC unit running smoothly with the right approach. It depends on the specific cause of the communication error. Some parts may need to be replaced to fix the issue, such as damaged wiring, faulty control board, or faulty sensors. A professional technician can diagnose the issue and advise on necessary repairs. Routine maintenance, such as cleaning the filters and checking for open waiting, can help prevent the E6 error code from occurring again. Having your split AC unit serviced by a professional technician regularly is also recommended. Last Updated: 30th April, 2021 17:33 IST Voltas is one of the most popular Air Conditioner sellers in the world with some of the best products in the market.



The organisation offers ACs with several cool features and affordable prices. However, ACs require time to time maintenance and some users are currently reporting about a certain AC error code called E6 error. If you are trying to know what is the Voltas AC error code E6 as well, then do not worry, here is all you need to know about it. Many businesses are selling good quality air conditioners in the market, however, Voltas has managed to create a good name due to its varied range of air conditioners with interesting specifications. Nevertheless, this year's summer seems worse than all the years combined and people easily get frustrated if their ACs stop working on a hot day. However, as there some AC problems that can be easily solved some are really hard to understand such as the Voltas AC error code E6. This error code displayed on the air conditioner's LED probably means that the indoor and outdoor machine communication has certain issues. Voltas AC error code E6 fix - At first, check the voltage on the external unit. Check the voltage on the inside unit. Check communication signal wiring between inside and outside units for poor connections or an open wire. Reset your Air Conditioner thermostat. Turn off your Air Conditioner on the thermostat. Locate your circuit breaker box. Reset the circuit breaker for your AC unit. Wait 30 seconds. Turn the Air Conditioner thermostat back on. Call Vredtvoeged heating and cooling for all your furnaces and Air Conditioner needs. If you can't fix the Voltas AC error code E6 - Find the instruction manual for the air conditioner, check it or write down the make and model, and check whether you can get the information from the manufacturer. However, depending on the problem, the only thing you can do is have the unit serviced by a professional air conditioner service person. An exception could be if the error code could result from a dirty filter or a similar problem. WATCH US LIVE LIVE TV FOLLOW US