



iVAC Switch Box SB24013-UK - FAQ's & Trouble Shooting

FAQ's

Q) What is the largest vacuum that I can connect to my iVAC Switch?

A) The relay within the iVAC Switch will safely and reliably switch vacuums up to 1500 watts.

Q) The 13A circuit breaker on my iVAC Switch Box frequently trips out, why?

A) You are most likely exceeding the power rating of your iVAC Switch box. The maximum power capacity of this iVAC Switch is 13A (2900 watts) This is the total of the vacuum and power tool combined.

A) iVAC offers other products in it's range that are suitable for power handling applications greater than 13A (2900 watts).

Q) My vacuum does not switch on at the same time as I turn my power tool on, why?

A) The iVAC Switch box electronically delays the vacuum switching, this is to prevent start-up currents coinciding and causing surge overloads.

Q) What is the screw terminal on the front of my iVAC Switch for?

A) The earth terminal is provided for customers that need to earth components of their dust extraction system – for example ducting, blast gates & cyclones. Earthing will help manage any static that is generated.

Q) In AUTO mode, My vacuum does not switch on when I turn my power tool on, why?

A) Your power tool may not draw enough power to trigger the AUTO switch feature. The AUTO threshold is factory set to 35 watts. This threshold is approximate and can be influenced by some electronically controlled power tools. You can confirm this by plugging another power tool into the iVAC Switch box and operating it.

Trouble Shooting

Problem **Neither your vacuum or power tool are operating**

Possible Cause 1 The iVAC Switch 13A circuit breaker has tripped out - Your iVAC Switch may have been subjected to a power overload (i.e. more than 13A - 2900 watts)

Remedy 1 Disconnect your power tool and vacuum and reset the circuit breaker on your iVAC switch – simply press it in to reset
Check that the 13A fuse in the iVAC Switch supply plug is not blown

Possible Cause 2 Your power source (socket outlet) may have been interrupted or disconnected

Remedy 2 Check there is power present at your socket outlet – reset MCB's and RCD's as required

Problem **Your vacuum does not operate in Auto mode but is does operate in manual mode**

Possible Cause The power rating of your power tool is less than 35 watts. The iVAC Switch AUTO function is only suitable for power tools that draw 35 watts or more when running. You can confirm this by plugging another power tool into the iVAC Switch box and operating it

Remedy Control your vacuum in the manual mode

Problem **Your vacuum operates continuously in AUTO mode whether your power tool is on or off**

Possible Cause 1 The iVAC Switch is only suitable for power tools that draw less than 35 watts when on standby. Some power tools draw more than 35 watts even when not running – this is typically power used by work lights, standby electronics, speed controllers or ancillary devices. You can confirm this by plugging another power tool into the iVAC Switch box and operating it

Remedy 1 Control your vacuum in the manual mode

Possible Cause 2 Your vacuum and power tool are plugged into your iVAC Switch the wrong way round

Remedy 2 Ensure your vacuum and power tool are plugged into your iVAC Switch correctly - as indicated on the label

Problem **Your vacuum switches itself off – the NVR on your vacuum disconnects the motor**

Possible Cause Some vacuums are fitted with an NVR (No Volt Release) switch (also known as Magnetic Switch). NVR switches will automatically disconnect when the supply power is switched off, this is normal operation. This iVAC Switch is not suitable for NVR protected vacuums

Remedy iVAC offers other products in it's range that are suitable for NVR protected vacuums