

Trouble Shooting Flow Chart For Poor Suction

(FOR CENTRAL VACUUM POWER UNITS WITHOUT A UTILITY INLET ON THE CANISTER)

Firstly, check to see if the dirt receptacle needs emptying or bag replacing.
Is the dirt blocking the intake? Empty the dirt receptacle bucket or change the bag. Clean the filter as outlined in the maintenance manual. If you still have poor suction, follow the flow chart below.

Unplug the ducting that comes from the inlets and fits into the either the left or right hand side of the power unit just above the dirt collection bucket. Pull the two spade connectors from the low voltage connectors on the top left-hand side of the power unit by wiggling them from side to side. (Be careful not to pull the wires out of the spade connectors.) Place your hand over the ducting intake and activate the power unit by bridging the two low voltage connectors with a small piece of wire.

Low suction at the intake ducting

There is a fault with the power unit. Check that the exhaust ducting is not pushing up or pulling down on the motor exhaust; causing the motor not to sit squarely on the sealing rubber and allowing air to escape. Check the dirt collection bucket sealing rubber for leaks.

If the above does not solve the problem; contact us for a service call out or to arrange for the power unit to be collected for a repair by us. There is a charge for this service.

Good suction at the intake ducting

Before you proceed any further, check that you do not have a blockage in the hose. To check, plug the hose straight into the ducting intake on the power unit. If the hose has a good seal into the power unit and you have poor suction then the hose is blocked. To unblock the hose refer to the Hose Use and Care document in the download section. If the problem is not in the hose then proceed to instructions below.

Reassemble the power unit and check the suction from all inlets. If the suction is good at one or more inlets but poor at others, then you have a blockage and will need to refer to the unblocking procedure in the download section. If suction is poor at all inlets then you either have a blockage close to the power unit or a leak in the ducting, so continue below.

Break in the ducting. Ensure the ducting from the inlets is connected into the power unit. Turn the power unit on by bridging the low voltage connectors as described above and make sure that all the inlets are **closed**. If there is air coming out of the exhaust pipe then you definitely have a broken pipe. Walk around the house tracing the ducting route whilst listening for a hissing sound. Locate the hissing and repair as necessary. Parts can be ordered from our on line shop; alternatively contact us for a call out. There is a charge for this service.

The next procedure requires an inline utility inlet near the power unit. If you do not already have one then you need to order a 90° short Tee (part no: IC2501) and utility inlet (part no: FP10) and install these in the ducting near the power unit. Switch the power unit on and test the suction at the utility inlet. If it is poor, then you have a break or leak in the ducting somewhere and need to read the next box on the left. If the suction is good, then this confirms a blockage between this point and the first inlet. Use the unblocking procedure in the download section.