

SQ5602 Davey Variable Speed Air Blower Replacement Solutions

These blowers cannot be directly replaced by any other make/model due to the unique way in which they are controlled by the connected spa system pack and the blower's internal circuitry connected with a secondary speed control cable.

The replacement solution for the SQ5602 variable speed blower varies depending on :

- Spa pack model number.
- What other pumps / equipment is plugged into the controller.
- Amperage rating of the spa pack – 10A or 15A plug in, or hard wired – switchboard circuit breaker rating.

Xcelsior Pump:		A replacement single speed blower - connect to the same socket #4
Spa Power 400/600/601:	1.5kw, 10A	A replacement single speed blower can connect with a 1 speed pump option: 1 speed pump – connect to AUX #4 2 speed pump – cannot be connected - see below #3
Spa Power 400/600/601:	2.0kw, 15A	A replacement single speed blower can connect: 1 speed pump – connect to AUX #4 2 speed pump – see below #1
Spa Power 600/601:	3.0kw, 15A	A replacement single speed blower can connect: 1 speed pump – connect to AUX #4 2 speed pump – see below #2 or #3
Spa Power 800:	2.0kw, 15A	A replacement single speed blower can connect: 1 speed pump 1 – connect to AUX #4 2 speed pump 1, no pump 2 - connect to AUX #4 2 speed pump 1, 1 speed pump 2 – see below #1
Spa Power 800:	3.0kw, 15A	A replacement single speed blower can connect: 1 speed pump 1 – connect to AUX #4 2 speed pump 1, no pump 2 - connect to AUX #4 2 speed pump 1 with a 1 speed pump 2 – see below #2 or #3
Spa Power 800:	3.0kw, 20A+	A replacement single speed blower can connect with a 1 or 2 speed pump 1 1 speed pump 1 – connect to AUX #4 2 speed pump 1, no pump 2 - connect to AUX #4 2 speed pump 1 with a 1 speed pump 2 – see below #1
Spa Power 1200:		A replacement single speed blower can connect to AUX socket if spare. #4 If unavailable, replace as per #1 below

#1 In order to use a single speed blower with a spa pack with this equipment configuration, the blower must connect in the following manner: An airswitch / air button operated blower can plug into the SPVSB socket. It will be controlled by a separate air button mounted next to the touchpad only.

#2 In order to use a single speed blower with a spa pack with this equipment configuration, the blower must connect in the following manner: An airswitch / air button operated blower can plug into the SPVSB socket. It will be controlled by a separate air button mounted next to the touchpad only. In addition, the heater tube MUST be replaced with a 2.0kw heater (see #3 for options without replacing the heater).

#3 These spa packs can no longer have a blower connected to them due to electrical current overload. To fit a blower to this spa, either the blower would require a separate power supply from the house, or an alternate spa control system of an alternate make/model would be required.

#4 A standard single speed air blower of any make/model can be used fitted with the correct AMP over-moulded plug/cord.

Single speed blower: Can also be converted to a 3 speed blower with an additional separate 3 speed airswitch. Plug a single speed blower into the airswitch, and then plug the airswitch into the spa controller, providing similar function to the original variable speed blower operation but from an air button.

Regardless of the resulting configuration, the overall current draw through the spa pack must never exceed its maximum rating or the rating of the electrical circuit or power outlet supplying the spa – whichever is the lowest amperage rating. Generally load shedding (amperage limiting) settings will need to be set to least loads running with heater.