

DAVEY

DAVEY
SpaPOWER[®]

Blower Installation Instructions



IMPORTANT

- The spa power blower has passed all electrical and EMC regulations.
- This blower must be installed in an enclosure rated at IPX5. In all cases refer to your national wiring rules and/or codes of electrical practice.
- In order to prevent a hazard, if the supply cable is damaged or the unit is not working it must be returned to the manufacturer or an authorised service agent for repair.
- This is a Class 1 appliance and must be connected to protective earth.
- The appliance must be supplied through a residual current device (RCD) with a rated tripping current not exceeding 30mA.
- Refer to AS3000 wiring rules (Aust. & NZ) and IEC60364 Part 7 (Europe) or equivalent for guidance with compliance to the wiring codes for wet area and equipotential bonding.

GENERAL INSTALLATION GUIDELINES

1. All piping should be in Imperial ON 1½" PVC pressure pipe.
2. Do not glue or otherwise permanently attach blower to plumbing.
Residual glue fumes can in some cases cause explosions.
3. Spa air injectors should have sufficient holes to total 800mm².
e.g. 110 x 3mm dia. holes
64 x 4mm dia. holes
40 x 5mm dia. holes
30 x 6mm dia. holes
Less than the above will restrict the air flow over the blower motor which may result in overheating.

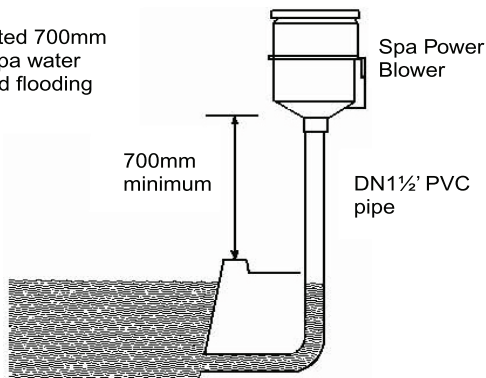
IN GROUND SPA INSTALLATION

1. The blower must be in a dry area as close as practical to the spa. In installations more than 4 metres from the pool the safety loop should be close to the spa to prevent water from holding in the pipeline.
2. Safety loops and risers - to avoid water damage to the blower, the blower should be installed at least 700mm above the water level in the spa (Fig 1) or be protected by a safety loop (Fig 2).

Water damage is not covered by warranty.

Fig 1

Blower located 700mm above the spa water level to avoid flooding the blower



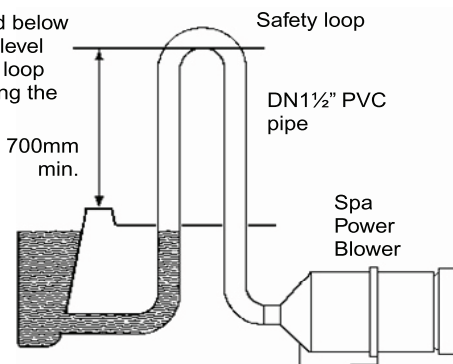
Blower Specifications

Model	Power	Amps	Variant
5601	750W	4.1A	Single Speed
5612	750W	4.1A	Single Speed
5602	750W	4.1A	Variable Speed
5604	1200W	5.3A	Single Speed
5605	1200W	5.3A	Single Speed

Available with either an AMP or C38 Plus

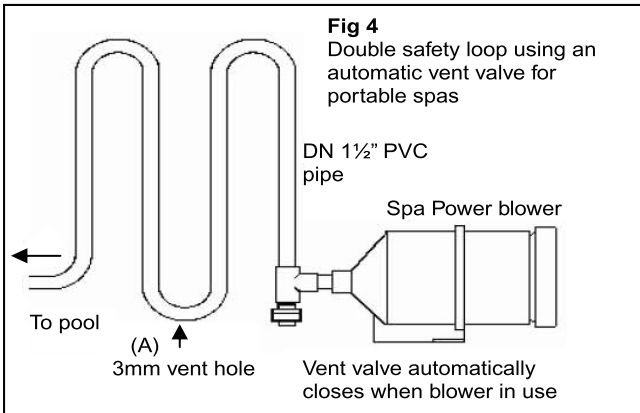
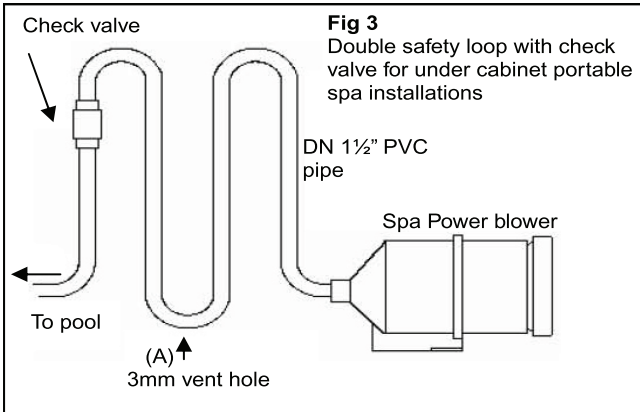
Fig 2

Blower located below the spa water level using a safety loop to avoid flooding the blower



PORTABLE SPA INSTALLATION

1. Portable spas require a double safety loop plus a check valve (as in Fig 3), or a vent valve (as in Fig 4). The top loop must be as high as possible.
2. A 3mm hole at point (A) is recommended to allow accumulated condensation to drain out.
3. **IMPORTANT:** After wet testing the spa, the blower should be disconnected from the safety loop to stop residual water getting into the blower during transit.



Davey Warranty

Davey Water Products Pty Ltd (Davey) warrants all products sold will be (under normal use and service) free of defects in material and workmanship for a minimum period of one (1) year from the date of original purchase by the customer as marked on the invoice, for specific warranty periods for all Davey products visit daveywater.com.

This warranty does not cover normal wear and tear or apply to a product that has:

- been subject to misuse, neglect, negligence, damage or accident
- been used, operated or maintained other than in accordance with Davey's instructions
- not been installed in accordance with the Installation Instructions or by suitably qualified personnel
- been modified or altered from original specifications or in any way not approved by Davey
- had repairs attempted or made by other than Davey or its authorised dealers
- been subject to abnormal conditions such as incorrect voltage supply, lightning or high voltage spikes, or damages from electrolytic action, cavitation, sand, corrosive, saline or abrasive liquids,

The Davey warranty does not cover replacement of any product consumables or defects in products and components that have been supplied to Davey by third parties (however Davey will provide reasonable assistance to obtain the benefit of any third-party warranty).

To make a warranty claim:

- If the product is suspected of being defective, stop using it and contact the original place of purchase. Alternatively, phone Davey Customer Service or send a letter to Davey as per the contact details below
- Provide evidence or proof of date of original purchase
- If requested, return the product and/or provide further information with respect to the claim. Returning the product to the place of purchase is at your cost and is your responsibility.
- The warranty claim will be assessed by Davey on the basis of their product knowledge and reasonable judgement and will be accepted if:
 - a relevant defect is found
 - the warranty claim is made during the relevant warranty period; and
 - none of the excluded conditions listed above apply
- The customer will be notified of the warranty decision in writing and if found to be invalid the customer must organise collection of the product at their expense or authorise its disposal.

If the claim is found to be valid Davey will, at its option, repair or replace the product free of charge.

The Davey warranty is in addition to rights provided by local consumer law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

For any internet connected products the consumer is responsible for ensuring a stable internet connection. In the event of a network failure the consumer will need to address the concern with the service provider. Use of an App is not a substitute for the User's own vigilance in ensuring the product is working to expectation. Use of a Smart Product App is at the User's own risk. To the fullest extent permitted by law Davey disclaims any warranties regarding the accuracy, completeness or reliability of App data. Davey is not responsible for any direct or indirect loss, damage or costs to the User arising from its reliance on internet connectivity. The User indemnifies Davey against any claims or legal actions from them or others relying on internet connectivity or App data may bring in this regard.

Products presented for repair may be replaced by refurbished products of the same type rather than being repaired. Refurbished parts may be used to repair the products. The repair of your products may result in the loss of any user-generated data. Please ensure that you have made a copy of any data saved on your products.

To the fullest extent permitted by law or statute, Davey shall not be liable for any loss of profits or any consequential, indirect or special loss, damage or injury of any kind whatsoever arising directly or indirectly from Davey products. This limitation does not apply to any liability of Davey for failure to comply with a consumer guarantee applicable to your Davey product under local laws and does not affect any rights or remedies that may be available to you under local laws.

For a complete list of Davey Dealers visit our website (daveywater.com) or call:

DAVEY

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