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Technical Bulletin regarding adding a filter to the fresh air intake

Models: Neuron (iN401 and iN501)

Intellihot Neuron models iN401 and iN501 do not come with air filters. Contaminated or dirty air drawn into the intake fresh air pipe can damage the water heater. Intellihot's warranty does not cover damage caused by airborne contaminants. Customers can easily add filters to fresh air intake by using off the shelf products. The bulletin explains how to use a K&N hi-flow air filter RU-5172 with Neuron (iN401 and iN501).

The Intellihot Neuron models (iN401 & iN501) fresh air intake and K&N RU-5172 both use a 4" pipe connection.

The picture below shows a Neuron using 12" length of PVC pipe before connecting to the RU-5172 filter or before a 90-degree elbow is used. We recommend using centrocerin to lube the pipe end before connecting it to the Intellihot fresh air intake outlet. The KN filter and the PVC pipe tighten together by using the K&N provided clamp-on.

Also, please make sure to close the front door and tighten it correctly. Otherwise, dirty air could get through the improperly closed door.

To contact Intellihot product support, please call us at 877-835-1705 or email us at support@intellihot.com

