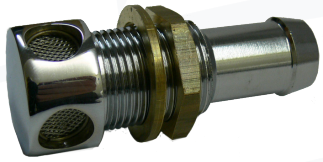
TECHNICAL ARTICLE

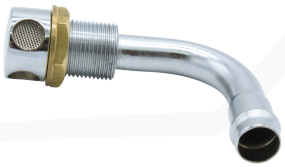
Fuel Fillers

Although there is not a huge amount of technical information for us to pass on about Deck Fillers, we felt it would be good to explain the answer to a question we are frequently asked: "Why do some fuel fillers come with an integrated vent?"

Answer: All fuel tanks need to have a vent to allow the air to come out as the fuel goes in. If the tank isn't sufficiently ventilated air will try to come out of the filler hose as fuel enters, causing refuelling to become a messy job. If you do not choose a filler with an integrated vent, you would have a separate vent elsewhere (as pictured below).



305102



305106

Fuel fillers with integral vents are most often found fitted to smaller vessels and craft. There are some benefits of having the vent inside the filler. See examples pictured below.

1. An environmental benefit! As the vent is integrated into the filler with an anti-surge valve for safety purposes, when filling up you will no longer get the small amount of fuel to come out of the vent and pollute the water around you.
2. You only need to cut the hole for the filler there is no extra hole needed for the vent line, as let's face it no one likes to cut holes in their boat!
3. Integral filler vents are also fitted with flame arrestors as an extra safety feature.

305556

305587

305571

W: www.asap-supplies.com E: info@asap-supplies.com T: +44 (0)1502 716993