

Mounting the Weather Hood DH5 WH

Rev. 1.1 - 20 March 2014

The Weather Hood DH5 WH has been designed to protect the sample gas dryer DH5 if it needs to be installed outside of a building. It is made of uncoated stainless steel.

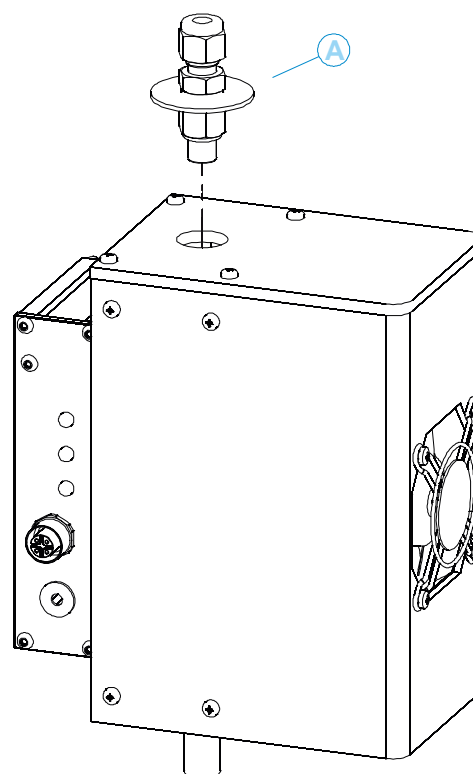
Contents of the kit

- one hood **K** that shall protect the DH5
- two PVC mounting holders **E**
- four knurled nuts **I**
- four screws **F**, 3.9x32mm DIN7981F
- one angeled fitting **B** with the appropriate O-ring **C**
- one prepared piece of 1/4" SS tubing **G**
- this ServiceNote

Preparation

If the dryer is already installed, you need to disconnect any tubing connected to the outlet (top fitting). Other than that, it is not needed to interrupt the operation of the dryer if its position allows to mount the hood during operation of the system.

Prepare your system's piping to adapt to the new outlet tubing running down inside the hood.



Replacing the outlet fitting

- unmount the outlet fitting **A** at the top of the DH5 by using a 14 mm jaw wrench.
- place the O-ring **C** onto the angled LET-LOK fitting **B** (Swagelok interchangeable)
- mount the angled LET LOK fitting **B** using a 1/2" jaw wrench (hand-tight).

Caution: Do not use excessive force! The threaded adapter is of PVDF.

- adjust the orientation of the angeled fitting to the side of the dryer as shown
- connect the prepared tubing **G** approx. as shown. Push the angled tubing fully into the fitting until it does not move any further. This assures correct distance to dryer and hood.
- perform a leak test

Mounting the holders

- remove two of four screws **D** and replace them with one holder **E** using 2 screws **F**.

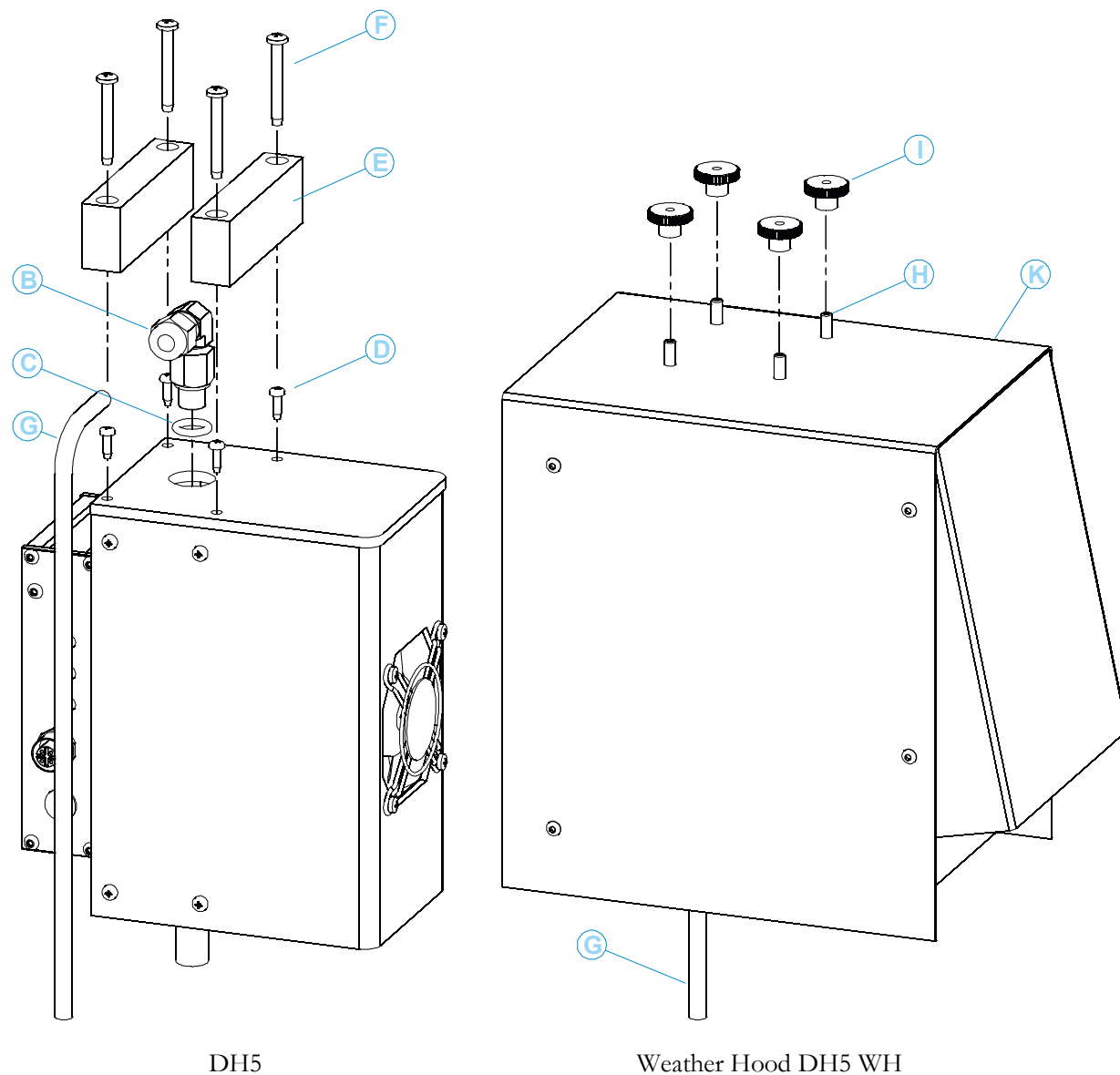
Caution: Do not remove all four screws **D** at the same time! Tighten the first holder before attempting to mount the second one.

- remove the other two screws **D** and replace them with the second holder **E** using 2 screws **F**.

Mounting the Weather Hood DH5 WH

Mounting of the Hood

- place the hood **K** over the dryer by aligning its four holes to the four threaded rods **H**
- Make sure the hood orientation is as shown, in order to assure good ventilation by the fan
- Fasten the hood with four nurlted nuts **I**
- Connect your system's tubing to the SS tube **G**



DH5

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In case of any problems do not hesitate to contact us:

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