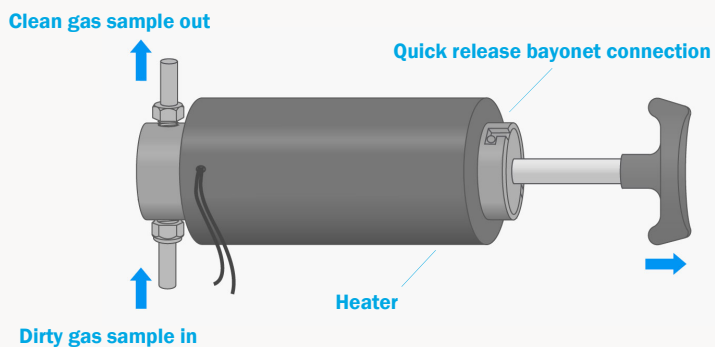


# Heatable Housing Applications

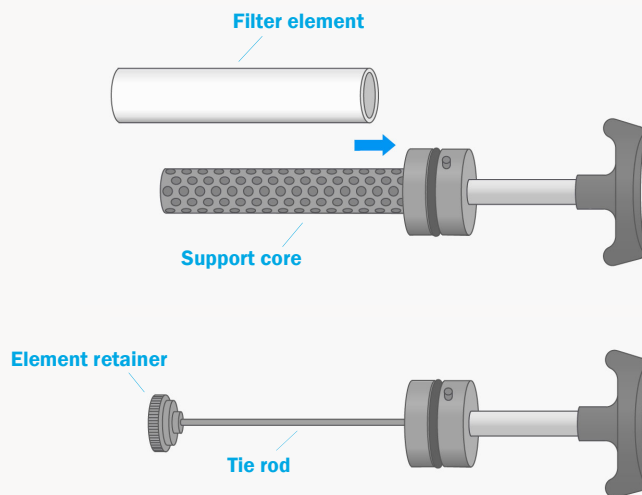
## Heatable Housings

Heatable housings are designed for hot gas analysis, in particular diesel exhaust. Normally the gas will have a high dew point and to prevent liquid condensing and affecting the analysis the sample system is heated.

Housings can be heated by fitting a suitable heater to the parallel body, or the whole housing body can be installed in an oven. The quick release bayonet connection allows fast filter element service even at operating temperatures.



There several housings types and sizes available. The ports can be arranged in the side of the body (as above) or in the end. The internals can have a support core or a tie rod and element retainer and these options are shown below.



## Filter Elements

Disposable S type filter elements should be used in heatable applications as they have a maximum temperature up to 500°C.

Special disposable elements with an internal pre-filter layer, grade 5S21-R and 7S21-R, can be supplied for these applications. These elements can only be used in filter housings with a tie rod and element retainer.