

Non Ventilated Sampling Hood

Article no.: UBH10000



- For sampling on ventilated surfaces e.g. biofilter
- VDI 3880 and EN 13725 compliant
- Dismountable

This hood allows defined sampling on flow area sources with very low discharge speeds (e.g. bio filter, ventilated compost clamp). The volume of the exhaust air flow is guided through the hood and the chimney, and is consolidated. A wind collar reduces the susceptibility to side-winds at the chimney outlet and thereby keeps the flow conditions in the chimney constant. The sampling hood has a base surface area of 1m² and a chimney with a diameter of 150 mm. Due to the surface ratio between the hood base surface and the chimney cross section no relevant dynamic pressure is exerted when the hood is applied. The chimney can be disassembled from the body of the hood by loosening the four knurled nuts. There are carry handles on the body of the hood, so that it can be transported easily. As the susceptibility of the sampling hood to side-winds is particularly a problem at the chimney outlet, a wind collar is used here which shields it from the wind and thereby keeps the flow conditions in the hood constant.

Scope of supply:

- Hood made of aluminum (1m² with carry handles)
- Chimney Ø 150 mm with wind collar

Optional:

- Cover plate with sampling connection for measuring saturation concentrations on passive sources rubber skirting running round the base of the hood

TECHNICAL DATA

Manufacturer	Odournet GmbH, Germany	Diameter of the chimney	150 cm
Base surface	1 m ²	Total height of the hood:	165 cm
Length	100 cm	Weight	8 kg
Width	100 cm	Material	Al Mg 3 19 chromatised
		Warranty	24 months

