

# Silent Hood filter MD 14 HL



## Advantages

- H14 compact filter-diffuser for clean room
- Quiet: LW = 35 dB
- Ready to install
- Laminarity +/- 20%

**Application:** Final filtration for clean rooms

**Type:** Hood Filter

**Frame:** Anodized aluminium

**Gasket:** Neoprene

**Media:** Glass fiber

**Separator:** Hot Melt

**Sealant:** Polyurethane

**EN 1822 (Efficiency @ MPPS):** H14 (≥99,995%)

**Max. final pressure drop:** MD: 500 Pa; MX: 600 Pa; MG: 800 Pa

**Maximum airflow:** Nominal flow rate (if not, efficiency drops)

**Temperature max:** 70°C

**RH. max:** 100%

**Grid:** Expanded metal painted (RAL 9010)

**Connection:** Spigot with outer diameter 160 mm, 250 mm or 315 mm depending on the model

**Remarks:** Individually scan-tested acc. EN 1822:2009 with protocol and packed in PE-foil. Other editions on request

Type	EN1822	Dimensions WxHxD (mm)	Con. Ø (mm)	Air Flow/pressure drop (m³/h/Pa)	Media area (m²)	Weight (kg)
MD14-HL- G10-305x610x135/ DN 160-01PU	H14	305x610x135		301/155	4,8	10
MD14-HL- G10-610x610x135/ DN 250-01PU	H14	610x610x135	250	605/145	9,7	13
MD14-HL- G10-915x610x135/ DN 250-01PU	H14	915x610x135		904/145	14,6	16
MD14-HL- G10-762x762x135/ DN 315-01PU	H14	762x762x135		941/145	15,3	17,5
MD14-HL- G10-915x762x135/ DN 315-01PU	H14	915x762x135		1130/145	18,4	18,5
MD14-HL- G10-1220x610x135/ DN 315-1PU	H14	1220x610x135	315	1205/145	19,6	19
MD14-HL- G10-915x915x135/ DN 315-01PU	H14	915x915x135		1358/145	22,1	21,5
MD14-HL- G10-1525x762x135/ DN 315-01PU	H14	1525x762x135	315	1883/145	30,8	

*Other dimensions available on request. Available in other grades and with a laminator*

*Pressure drop +/- 10%*