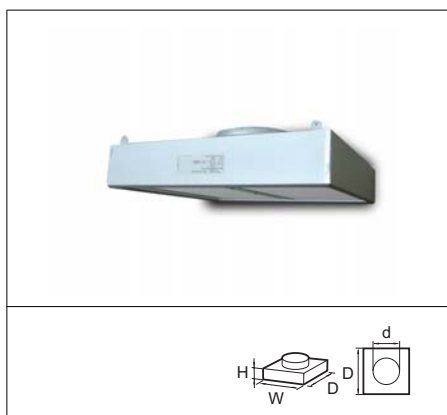


## Silent Hood HD - H13 to U15



### Advantages

- Compact filter-diffuser for clean room
- Ready to install
- Low noise
- Test port
- Laminarity +/- 20%
- Non-slip collar design
- Roomside adjustable diffuser disc

**Application:** Final filtration for clean rooms.

**Type:** Ready to install HEPA/ULPA filter diffuser.

**Frame:** Extruded and anodised aluminium, galvanised steel cover.

**Gasket:** Endless PU.

**Media:** Glass fibre paper.

**Separator:** Hot melt beads.

**Sealant:** Polyurethane.

**Terminal:** Collar with outer dia. 305 mm (12in) or 250 mm (10in) depending on the model.

**Diffuser disc:** Perforated GI.

**Faceguard:** Expanded metal on outlet, powder coated RAL 9016.

**EN 1822 filter class:** H13, H14, U15.

**MPPS efficiency:** H13:≥99.95%, H14:≥99.995% U15:≥99.9995%.

**Recommended final pressure drop:** 500 Pa.

**Maximum flow rate:** See table, use nominal values otherwise a reduction in efficiency may occur.

**Temperature:** 70°C maximum in continuous service.

**Test:** 100% individually scanned in accordance with EN 1822.

**Mounting system:** Integrated suspension eyes.

**Fire rating:** UL 900 Class 2, FM 4920 approval on request.

Reference	Model	Dimensions (WxHxD) mm	Filter classification EN 1822:2002	Media area m <sup>2</sup>	Air flow/nominal pressure drop m <sup>3</sup> /h/Pa	Unit weight kg	unit volume m <sup>3</sup>
15300001	MD13-HD10-610*610-01/02	610 x 610 x 110	H13	9.7	603/130	13	0.07
15300002	MD13-HD10-914*610-01/02	914 x 610 x 110	H13	14.6	903/129	16	0.11
15300003	MD13-HD10-1219*610-01/02	1219 x 610 x 110	H13	19.5	1205/129	19	0.15
15300004	MD13-HD10-600*600-01/02	600 x 600 x 110	H13	9.4	583/130	13	0.07
15300005	MD13-HD10-905*600-01/02	905 x 600 x 110	H13	14.2	880/130	16	0.11
15300006	MD13-HD10-1210*600-01/02	1210 x 600 x 110	H13	19.1	1176/129	19	0.15
15300101	MD14-HD10-610*610-01/02	610 x 610 x 110	H14	9.7	603/156	13	0.07
15300102	MD14-HD10-914*610-01/02	914 x 610 x 110	H14	14.6	903/155	16	0.11
15300103	MD14-HD10-1219*610-01/02	1219 x 610 x 110	H14	19.5	1205/155	19	0.15
15300104	MD14-HD10-600*600-01/02	600 x 600 x 110	H14	9.4	583/156	13	0.07
15300105	MD14-HD10-905*600-01/02	905 x 600 x 110	H14	14.2	880/155	16	0.11
15300106	MD14-HD10-1210*600-01/02	1210 x 600 x 110	H14	19.1	1176/155	19	0.15
15300201	MD15-HD10-610*610-01/02	610 x 610 x 110	U15	11.3	603/161	13	0.07
15300202	MD15-HD10-914*610-01/02	914 x 610 x 110	U15	17.1	903/160	16	0.11
15300203	MD15-HD10-1219*610-01/02	1219 x 610 x 110	U15	22.7	1205/160	19	0.15
15300204	MD15-HD10-600*600-01/02	600 x 600 x 110	U15	11	583/160	13	0.07
15300205	MD15-HD10-905*600-01/02	905 x 600 x 110	U15	16.6	880/160	16	0.11
15300206	MD15-HD10-1210*600-01/02	1210 x 600 x 110	U15	22.2	1176/160	19	0.15
15300401	MX14-HD10-610*610-01/02	610 x 610 x 133	H14	13.2	603/111	15	0.09
15300402	MX14-HD10-914*610-01/02	914 x 610 x 133	H14	19.9	903/110	19	0.13
15300403	MX14-HD10-1219*610-01/02	1219 x 610 x 133	H14	26.6	1205/110	22	0.18
15300404	MX14-HD10-600*600-01/02	600 x 600 x 133	H14	12.8	583/110	15	0.09

\* Other sizes are available on request.

## HEPA/ULPA Panels

Reference	Model	Dimensions (WxHxD) mm	Filter classification EN 1822:2002	Media area m <sup>2</sup>	Air flow/nominal pressure drop m <sup>3</sup> /h/Pa	Unit weight kg	unit volume m <sup>3</sup>
15300405	MX14-HD10-905*600-01/02	905 x 600 x 133	H14	19.4	880/110	19	0.13
15300406	MX14-HD10-1210*600-01/02	1210 x 600 x 133	H14	25.9	1176/110	22	0.18
15300501	MX15-HD10-610*610-01/02	610 x 610 x 133	U15	15.2	603/130	15	0.09
15300502	MX15-HD10-914*610-01/02	914 x 610 x 133	U15	22.8	903/130	19	0.13
15300503	MX15-HD10-1219*610-01/02	1219 x 610 x 133	U15	30.5	1205/130	22	0.18
15300504	MX15-HD10-600*600-01/02	600 x 600 x 133	U15	14.7	583/130	15	0.09
15300505	MX15-HD10-905*600-01/02	905 x 600 x 133	U15	22.2	880/130	19	0.13
15300506	MX15-HD10-1210*600-01/02	1210 x 600 x 133	U15	29.7	1176/130	22	0.18
15300701	MG14-HD10-610*610-01/02	610 x 610 x 155	H14	17.1	603/81	18	0.1
15300703	MG14-HD10-1219*610-01/02	1219 x 610 x 155	H14	34.7	1205/80	26	0.21
15300801	MG15-HD10-610*610-01/02	610 x 610 x 155	U15	18.3	603/100	18	0.1
15300803	MG15-HD10-1219*610-01/02	1219 x 610 x 155	U15	37.3	1205/98	26	0.21
15301001	MD13-HD12- 610*610-01/02	610 x 610 x 110	H13	9.7	603/130	13	0.07
15301002	MD13-HD12- 914*610-01/02	914 x 610 x 110	H13	14.6	903/129	16	0.11
15301003	MD13-HD12-1219* 610-01/02	1219 x 610 x 110	H13	19.5	1205/129	19	0.15
15301004	MD13-HD12- 600*600-01/02	600 x 600 x 110	H13	9.4	583/130	13	0.07
15301005	MD13-HD12- 905*600-01/02	905 x 600 x 110	H13	14.2	880/130	16	0.11
15301006	MD13-HD12-1210* 600-01/02	1210 x 600 x 110	H13	19.1	1176/129	19	0.15
15301101	MD14-HD12- 610*610-01/02	610 x 610 x 110	H14	9.7	603/156	13	0.07
15301102	MD14-HD12- 914*610-01/02	914 x 610 x 110	H14	14.6	903/155	16	0.11
15301103	MD14-HD12-1219*610-01/02	1219 x 610 x 110	H14	19.5	1205/155	19	0.15
15301104	MD14-HD12- 600*600-01/02	600 x 600 x 110	H14	9.4	583/156	13	0.07
15301105	MD14-HD12 905*600-01/02	905 x 600 x 110	H14	14.2	880/155	16	0.11
15301106	MD14-HD12-1210*600-01/02	1210 x 600 x 110	H14	19.1	1176/155	19	0.15
15301201	MD15-HD12-610*610-01/02	610 x 610 x 110	U15	11.3	603/161	13	0.07
15301202	MD15-HD12-610*610-01/02	914 x 610 x 110	U15	17.1	903/160	16	0.11
15301203	MD15-HD12-1219*610-01/02	1219 x 610 x 110	U15	22.7	1205/160	19	0.15
15301204	MD15-HD12-600*600-01/02	600 x 600 x 110	U15	11	583/160	13	0.07
15301205	MD15-HD12-905*600-01/02	905 x 600 x 110	U15	16.6	880/160	16	0.11
15301206	MD15-HD12-1210*600-01/02	1210 x 600 x 110	U15	22.2	1176/160	19	0.15
15301401	MX14-HD12 610*610-01/02	610 x 610 x 133	H14	13.2	603/111	15	0.09
15301402	MX14-HD12 914*610-01/02	914 x 610 x 133	H14	19.9	903/110	19	0.13
15301403	MX14-HD12-1219*610-01/02	1219 x 610 x 133	H14	26.6	1205/110	22	0.18
15301404	MX14-HD12 600*600-01/02	600 x 600 x 133	H14	12.8	583/110	15	0.09
15301405	MX14-HD14 905*600-01/02	905 x 600 x 133	H14	19.4	880/110	19	0.13
15301406	MX14-HD12-1210*600-01/02	1210 x 600 x 133	H14	25.9	1176/110	22	0.18
15301501	MX15-HD12-610*610-01/02	610 x 610 x 133	U15	15.2	603/130	15	0.09
15301502	MX15-HD12-914*610-01/02	914 x 610 x 133	U15	22.8	903/130	19	0.13
15301503	MX15-HD12-1219*610-01/02	1219 x 610 x 133	U15	30.5	1205/130	22	0.18
15301504	MX15-HD12-600*600-01/02	600 x 600 x 133	U15	14.7	583/130	15	0.09
15301505	MX15-HD12-905*600-01/02	905 x 600 x 133	U15	22.2	880/130	19	0.13
15301506	MX15-HD12-1210*600-01/02	1210 x 600 x 133	U15	29.7	1176/130	22	0.18
15301701	MG14-HD12-610*610-01/02	610 x 610 x 155	H14	17.1	603/81	18	0.1
15301703	MG14-HD12-1219*610-01/02	1219 x 610 x 155	H14	34.7	1205/80	26	0.21
15301801	MG15-HD12-610*610-01/02	610 x 610 x 155	U15	18.3	603/100	18	0.1
15301803	MG15-HD12-1219*610-01/02	1219 x 610 x 155	U15	37.3	1205/98	26	0.21

\* Other sizes are available on request.

As part of our continuous improvement, Camfil Farr reserve the right to change specifications without notice.