

**ADVANTAGES**

- Advanced patented probe for reliable scanning
- Built-in inspection lens and light
- Leak-free guarantee
- Built-in thermal insulation
- For Compact filters (box type) full size 610x610x292mm
- Unique non-intrusive patented scanning system
- Space saving installation

|                             |                                                                                                                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>          | Filter housing with integrated scanning system                                                                                                                                                                                                                                                                                |
| <b>Max Temperature (°C)</b> | 50°C                                                                                                                                                                                                                                                                                                                          |
| <b>Comment</b>              | Filter: High airflow HEPA filter, in size 610x610x292 mm. See the relevant page in the catalogue for the technical data about filters<br>Filter clamping: Suitable for filters, in depth 292 mm. Tool for filter clamping hex key 5 mm<br>Note: The housing is reversible depending on airflow direction<br>Material: Aluzinc |



CamCube AS is a flexible and compact range of scannable filter housings for high airflow HEPA filters and other filter types with 292 mm depth. The cover is a sandwich design with 45 mm heat and condensation insulation between, covered with Aluzinc sheet metal inside and outside (corrosivity class C4). The groove around and between the filters is sealed with sealant to exclude any leakage from the joints.

The service hatch is hinged mounted. The endless gasket on the inside of the service hatch ensures high tightness.

The filter housing has leakage class D according to EN 15727.

When the service hatch is closed the clamping device ensures the clamping of the filter.

The filter housing is supplied with flange connection and hose connectors for pressure drop measurement.

**Accessories:**

Replacement kit for scanning system

Lockable handles

**Scanning:**

Using the integrated crank, with foldable handle, the scanning probe can be moved up and down. The scanning process is non-intrusive, easy, reliable and secure and installation footprint is minimized.

The built-in wide angel inspection lens and light makes it easy to look inside the housing.

The scanning system is easy to replace if needed.

**Example specification text:**

Filterhousing: Camfil CamCube AS-1010.

Design: Sandwich construction with 45 mm heat and condensation insulation, covered with double aluzinc sheet metal (corrosivity class C4).

Including hinged airtight hatch for fast access.

Filter: Absolute DG 610x610x292 mm.

Integrity test for validation operation : Built-in, non intrusive scanning system for HEPA filter integrity test, including 100% concentration measurement ports.

Clamping system: Designed not to disturb integrity test operations.

Inspection: Built-in inspection lens and light to survey while performing scanning.

**Classification:**

Leakage class D according to EN 15727:2010 standard.

Leakage class L1 according to EN 1886:2007 standard.

Mechanical: D1 according to EN 1886:2007 standard.

Max penetration gasket frame (filter section) < 0,01% by ISO 14644-3.

Fulfills the regulatory demands on HEPA-filter integrity test according to ISO 14644-3.

| Art. No. | Type            | Dimensions WxHxD (mm) | Duct connection (mm) | Weight (kg) |
|----------|-----------------|-----------------------|----------------------|-------------|
| 553004   | CamCube AS-1010 | 707x707x650           | 615x615              | 43          |
| 553006   | CamCube AS-1020 | 707x1322x650          | 615x1230             | 64          |
| 553008   | CamCube AS-1030 | 707x1937x650          | 615x1845             | 85          |
| 553014   | CamCube AS-2010 | 1322x707x650          | 1230x615             | 62          |
| 553016   | CamCube AS-2020 | 1322x1322x650         | 1230x1230            | 86          |
| 553018   | CamCube AS-2030 | 1322x1937x650         | 1230x1845            | 109         |

