



## ADVANTAGES

- Increased availability and reliability
- Better fuel efficiency leads to lower CO2 emissions per MWh, when using EPA grades
- Hydrophobic EPA grades limit degradation such as fouling and corrosion
- Suitable for harsh environments
- Static air filter with longer life and significantly lower initial and stable pressure drop
- Lightweight construction for easy mounting
- Fully incinerable

|                                 |  |
|---------------------------------|--|
| <b>Application</b>              | All installations where safety/reliability/long life is important, especially areas with high humidity/heavy rain<br>Pre- or final filter for gas turbines, large industrial air compressors, diesel & gas engines, generators & enclosures, wind turbines   |
| <b>Frame</b>                    | Plastic moulded;ABS  |
| <b>Gasket</b>                   | Polyurethane, endless foamed   |
| <b>Media</b>                    | Glass fiber  |
| <b>Separator</b>                | Hot-melt   |
| <b>Sealant</b>                  | Polyurethane   |
| <b>Grille, Downstream</b>       | Support grid for filtermedia   |
| <b>Rec. final pressure drop</b> | 600 Pa   |
| <b>Max airflow</b>              | 1,8 x nominal flow   |
| <b>Max Temperature (°C)</b>     | 70°C   |
| <b>Relative Humidity max</b>    | 100%   |
| <b>Installation Options</b>     | In a separate bank, from the upstream or downstream sides.<br>Can be close-coupled in a reverse-flow configuration   |
| <b>Comment</b>                  | <p>Product Features:</p> <ul style="list-style-type: none"> <li>Hydrophobic filter construction and media</li> <li>High filtration efficiency (up to H13)</li> <li>Original vertical pleats with interrupted hot melt separator</li> <li>Sealed on all sides and featuring our patented double sealing process</li> <li>Resistant to turbulence and extreme pressure drop</li> <li>High burst strength &gt;6250 Pa (&gt;25")</li> <li>Solid HEPA frame eliminates air bypass</li> <li>Patented aerodynamic support grid for lower pressure drop</li> <li>Optimized media area for the low pressure drop at EPA efficiency</li> <li>Low operational pressure drop, even when wet, with patented built-in drainage</li> <li>Available in a reverse-flow configuration</li> <li>Reverse flow version: With support metal grid available on request</li> </ul> |

The CamGT 3V-440 is built on a solid 440 mm deep frame with extended media area. The unique design provides industry-leading pressure drop and dust holding capacity ensuring optimum performance, low average pressure drop and a long filter life. The filter is also available with CamBrane media in E12 efficiency.

| Type             | ISO 29461 | EN779 | EN1822 | ISO 16890   | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Media area (m²) | Weight (kg) | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 | ASHRAE 52.2-2017 |
|------------------|-----------|-------|--------|-------------|-----------------------|---------------------------------|-----------------|-------------|------|---------|--------|-----------|-------|------------------|
| CamGT 3V-440-T8  | T8        | F8    |        | ePM1<br>80% | 592x592x440           | 4250/105                        | 31              | 10.5        | 80   | 80      | 87     | 87        | 96    | MERV 14          |
| CamGT 3V-440-T9  | T9        | F9    |        | ePM1<br>85% | 592x592x440           | 4250/120                        | 29              | 10.5        | 87   | 87      | 91     | 91        | 97    | MERV 15          |
| CamGT 3V-440-T10 | T10       |       | E10    |             | 592x592x440           | 4250/155                        | 33              | 11          | 97   | 97      | 98     | 97        | 98    |                  |
| CamGT 3V-440-T11 | T11       |       | E11    |             | 592x592x440           | 4250/175                        | 33              | 11          |      |         |        |           |       |                  |
| CamGT 3V-440-T12 | T12       |       | E12    |             | 592x592x440           | 4250/310                        | 34              | 11          |      |         |        |           |       |                  |
| CamGTR 3V-440-T8 | T8        | F8    |        | ePM1<br>80% | 592x592x440           | 4250/120                        | 31              | 10.5        | 80   | 80      | 87     | 87        | 96    | MERV 14          |
| CamGTR 3V-440-T9 | T9        | F9    |        | ePM1<br>85% | 592x592x440           | 4250/150                        | 29              | 10.5        | 87   | 87      | 91     | 91        | 97    | MERV 15          |