

State November 2018

Statement to the transition of classification of air filters from EN 779 to ISO 16890 as part of certification as a Certified Passive House component (revised 11/2018).

Dear Sirs,

In December 2016, the new international standard ISO 16890 - "Air filters for general ventilation" was published. After a transitional period, the previously valid standard EN 779 - "Particulate air filters for general ventilation - Determination of the filtration performance." will be replaced by ISO 16890 from mid-2018.

The ISO 16890 calls for completely new test procedures and classifications of filters. The assignment of filters classified according to EN 779 directly to a new class according to ISO 16890 is therefore not possible without further investigation.

As part of the certification of ventilation units as a Certified Passive House Component, the following requirements according to the new filter rating apply immediately:

- For the **outside air side** a filter of efficiency at least **ISO ePM1 50%** is required.
- For the **extract air side** a filter of efficiency at least **ISO Coarse 60%** is required.

For the already certified ventilation units, which were measured with filters classified according to EN 779, the designation according to EN 779 is further documented in the certificate.

For laboratory testing and certification as a Passive House Component house the filters classified according to EN 779 will be accepted until the end of the year 2018. This filter class will be also specified in the certificate accordingly.

As of January 2019, only the ISO 16890 rated air filters meeting the above mentioned requirements will be accepted for certification.

Please feel free to get in touch with any questions.
(requests by e-mail to hvac@passiv.de)

Best regards

