



Self-Declaration F-Gas Regulations

*Regulation (EU) No. 517/2014
Implementing Regulation (EU) No. 2016/879*

These regulations are valid since 01.01.2015.

The above-mentioned regulations describe the placing on the market of refrigeration systems as well as the maintenance and repair of refrigeration systems.

1.) Regulations regarding refrigerants in refrigeration and air conditioning systems:

The use of refrigerants with a GWP (Global Warming Potential) of more than 2500 kg CO₂ /kg must not be used in fixed installations - which include Pfannenberg products within the context of the Regulation - from 01.01.2020, if the filling quantity of the installation corresponds to a CO₂ equivalent of equal to or more than 40 tonnes.

The refrigerants used by Pfannenberg (R134A, R407C and R410A) have a GWP of less than 2500 kg CO₂/kg and can therefore be used. All product lines have been adapted accordingly as of 31.12.2018.

In some, few products from Pfannenberg, refrigerants of the type R404A were still used sporadically in 2019, as far as these could not be replaced at short notice by compatible devices at our customers. However, these products can still be used without any problems due to the filling volume, which is below the specified limit.

2.) Regulations for the maintenance and servicing of refrigeration and air conditioning systems:

Only a few Pfannenberg products are affected by the new regulation of mandatory leakage checks to be carried out. These are chillers with the refrigerants R407C (more than 2.4 kg capacity) and R410A (more than 2.8 kg capacity).

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