
Changes to legislation: There are outstanding changes not yet made to Commission Regulation (EU) 2015/1095. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

ANNEX IV

Measurements and calculations for professional refrigerated storage cabinets

1. For the purposes of compliance and verification of compliance with the requirements of this Regulation, measurements and calculations shall be made using harmonised standards the reference numbers of which have been published for that purpose in the *Official Journal of the European Union*, or using other reliable, accurate and reproducible methods that take into account the generally recognised state-of-the-art methods. In the case of professional refrigerated storage cabinets, they shall meet the conditions and technical parameters set out in points 2 and 3.
2. For establishing the values of annual energy consumption and energy efficiency index for professional refrigerated storage cabinets, measurements shall be made under the following conditions:
 - (a) The temperature of test packages shall be between -1 °C and 5 °C for chilled cabinets and lower than -15 °C for frozen cabinets;
 - (b) The ambient conditions shall correspond to climate class 4 as detailed in Table 3, except for light-duty cabinets which shall be tested in ambient conditions corresponding to climate class 3. Adjustment factors of 1,2 for light-duty cabinets at chilled operating temperature and 1,1 for light-duty cabinets at frozen operating temperature should then be applied to the testing results thus obtained for light-duty cabinets for the purpose of information declaration according to Annex II, point 2(a);
 - (c) Professional refrigerated storage cabinets shall be tested:
 - at chilled operating temperature in the case of a combined cabinet containing at least one compartment exclusively intended for chilled operating temperature;
 - at chilled operating temperature in the case of a professional refrigerated storage cabinet which has solely one compartment exclusively intended for chilled operating temperature;
 - at frozen operating temperature in all other cases.
3. The ambient conditions of climate classes 3, 4 and 5 are shown in Table 3.

TABLE 3

Ambient conditions of climate classes 3, 4 and 5

Test room climate class	Dry bulb temperature, °C	Relative humidity, %	Dew point, °C	Water vapour mass in dry air, g/kg
3	25	60	16,7	12,0
4	30	55	20,0	14,8
5	40	40	23,9	18,8

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Changes and effects yet to be applied to the whole legislation item and associated provisions

- Signature words omitted by [S.I. 2019/539 Sch. 2 para. 24\(6\)](#)
- Annex 10(2)(a) words substituted by [S.I. 2019/539 Sch. 2 para. 24\(12\)\(c\)\(i\)](#)
- Annex 10(2)(a) words substituted by [S.I. 2019/539 Sch. 2 para. 24\(12\)\(c\)\(ii\)](#)
- Annex 10(7) omitted by [S.I. 2019/539 Sch. 2 para. 24\(12\)\(d\)](#)
- Annex 8 para. 1 words substituted by [S.I. 2019/539 Sch. 2 para. 24\(10\)](#)
- Annex 2 para. 2(d)(iii) words inserted by [S.I. 2019/539 Sch. 2 para. 24\(7\)](#)
- Annex 2 para. 2(d)(iii) words substituted in earlier amending provision [S.I. 2019/539, Sch. 2 para. 24\(7\)](#) by [S.I. 2020/1528 reg. 4](#)
- Annex 4 para. 1 words substituted by [S.I. 2019/539 Sch. 2 para. 24\(8\)](#)
- Annex 9(2)(a) words substituted by [S.I. 2019/539 Sch. 2 para. 24\(11\)\(c\)\(i\)](#)
- Annex 9(2)(a) words substituted by [S.I. 2019/539 Sch. 2 para. 24\(11\)\(c\)\(ii\)](#)
- Annex 9(7) omitted by [S.I. 2019/539 Sch. 2 para. 24\(11\)\(d\)](#)
- Annex 6 para. 1 words substituted by [S.I. 2019/539 Sch. 2 para. 24\(9\)](#)
- Annex 11(2)(a) words substituted by [S.I. 2019/539 Sch. 2 para. 24\(13\)\(c\)\(i\)](#)
- Annex 11(2)(a) words substituted by [S.I. 2019/539 Sch. 2 para. 24\(13\)\(c\)\(ii\)](#)
- Annex 11(7) omitted by [S.I. 2019/539 Sch. 2 para. 24\(13\)\(d\)](#)