

**TEST CENTRE FOR REFRIGERATION, AIR CONDITIONING AND VENTILATION
TECHNOLOGY**

Ref. no.: KKL/1045/20 Essen, 24 September 2020
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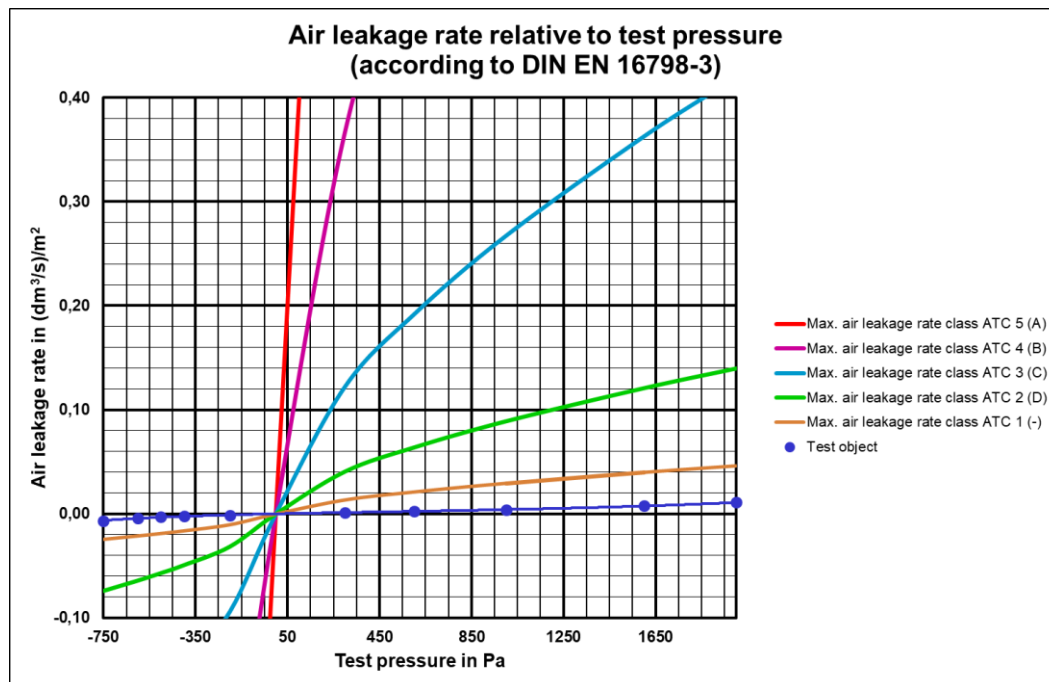
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Report no.: TR-KKL-2020-059-S4

Testing of air duct connection systems for air ducts

The air duct connection system “**MEZ-SYPHON-FLANGE 30 – MEZ-BLUEMASTIC-GEL (138S)**” manufactured by **MEZ-TECHNIK GmbH**, 72770 Reutlingen, was tested by TÜV NORD Systems GmbH & Co. KG, 45307 Essen, for air tightness in accordance with DIN EN 1507:2006.

| Test pressure in Pa | | | | | | | | | |
|---|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -750 | -600 | -500 | -400 | -200 | 300 | 600 | 1000 | 1600 | 2000 |
| Air leakage rate in (dm ³ /s)/m ² | | | | | | | | | |
| -0.006 | -0.004 | -0.003 | -0.002 | -0.002 | 0.001 | 0.003 | 0.004 | 0.008 | 0.011 |



The air duct connection system “**MEZ-SYPHON-FLANGE 30 – MEZ-BLUEMASTIC-GEL (138S)**” achieves air tightness class D according to DIN EN 1507 and ATC1 according to DIN EN 16798-3. Detailed information about the limits, performance and setup of the measurement are contained in report no.: TR-KKL-2020-059 dated 24 September 2020.

Essen, 24 September 2020

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