

## Solid Air Climate Solutions casing leakage test sheet According to standard NEN-EN 15727-2010

Date:	7/24/2025	Test reference number:	25-13-04
Exp. Date:	7/24/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **Koelconvector OKNI 450/1500** Result: **ATC3 (C)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	20
Atmospheric pressure (hPa)	1014
Correction factor	1.000
Case Width (m)	0.06
Case height (m)	0.3
Case Length (m)	1.28
Duct surface (real) (m <sup>2</sup> )	0.92
Duct surface (virtual) (m <sup>2</sup> )*	0.72
<small>* Case length 1m is used in calculations when real Case length &lt;1m (As specified by LUKA)</small>	



**SOLID AIR**  
CLIMATE SOLUTIONS

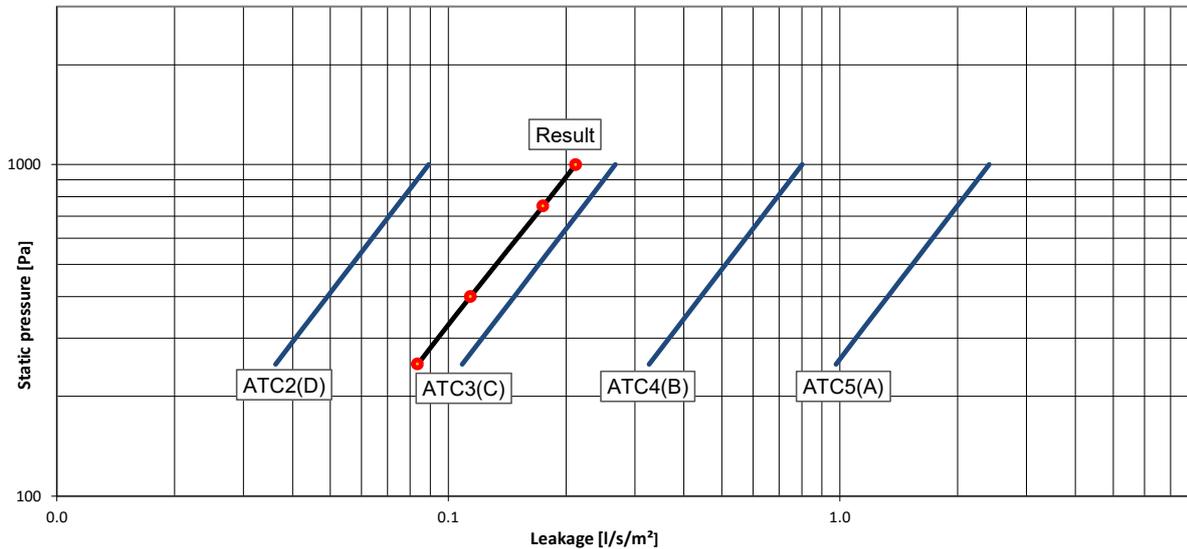
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[www.solid-air.com](http://www.solid-air.com)

Measurement equipment	
Brand	Lindab
Air leakage tester type	LT 600
Serial No.	662
Adapter (- / 0,3 / 3,0)	0,3 / 3,0

Test duration 60 sec.		
Visual deformation?	N	
Max. test pressure	1000	Pa
TÜV certificate	P-97/52-30	

Reading	Static Pressure (Pa)	Measured Leakage (l/s)	Corrected Leakage (l/s)	Leakage Duct surface (l/s/m <sup>2</sup> )	NEN-EN 15727-2010			
					ATC5 (A)	ATC4 (B)	ATC3 (C)	ATC2 (D)
					(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )
1	250	0.077	0.077	0.084	0.98	0.33	0.11	0.04
2	400	0.105	0.105	0.114	1.33	0.44	0.15	0.05
3	750	0.161	0.161	0.175	2.00	0.67	0.22	0.07
4	1000	0.195	0.195	0.212	2.41	0.80	0.27	0.09

### Classification of casing leakage



\* Classification result is the same for all models as tested model, unless indicated otherwise.

### Approved and certified by

