

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

Date:	7/18/2025	Test reference number:	25-13-02
Exp. Date:	7/18/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **Koelconvector OKNI 300/1800** Result: **ATC3 (C)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	21
Atmospheric pressure (hPa)	1014
Correction factor	1.000
Case Width (m)	0.06
Case height (m)	0.2
Case Length (m)	1.51
Duct surface (real) (m ²)	0.79
Duct surface (virtual) (m ²)*	0.52
<small>* Case length 1m is used in calculations when real Case length <1m (As specified by LUKA)</small>	



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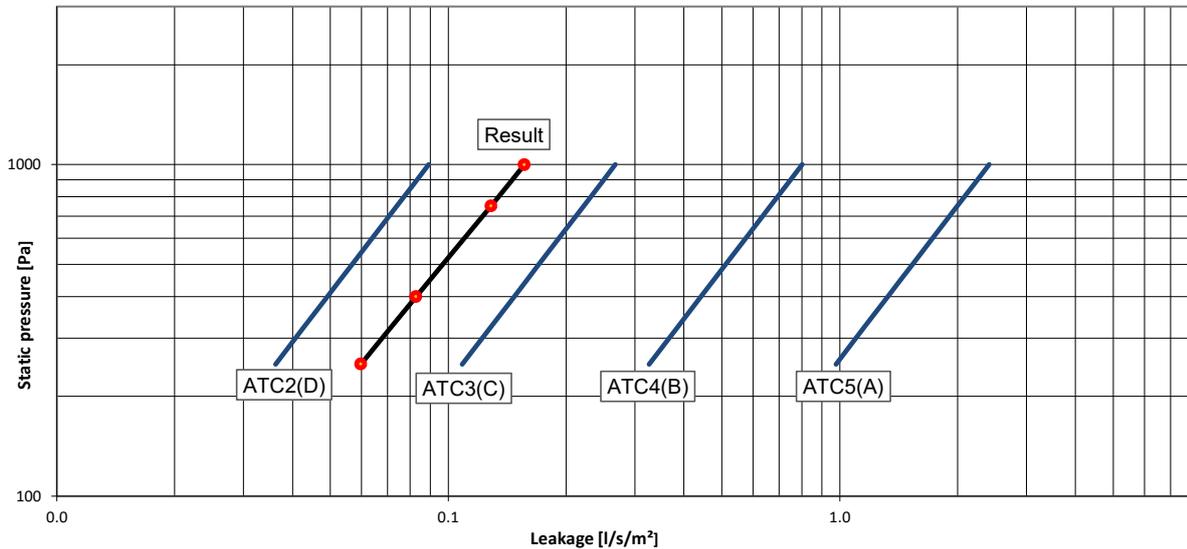
Scheepswervenweg 1
9608 PD Westerbroek
Tel: +31 598 36 12 21
www.solid-air.com

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 ²)	NEN-EN 15727-2010			
					ATC5 (A)	ATC4 (B)	ATC3 (C)	ATC2 (D)
					(l/s/m ²)	(l/s/m ²)	(l/s/m ²)	(l/s/m ²)
1	250	0.047	0.047	0.060	0.98	0.33	0.11	0.04
2	400	0.065	0.065	0.083	1.33	0.44	0.15	0.05
3	750	0.101	0.101	0.129	2.00	0.67	0.22	0.07
4	1000	0.123	0.123	0.157	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



Solid Air Climate Solutions casing leakage test sheet

According to standard NEN-EN 15727-2010

Date:	7/18/2025	Test reference number:	25-13-03
Exp. Date:	7/18/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **Koelconvector OKNI 300/2400** Result: **ATC3 (C)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	21
Atmospheric pressure (hPa)	1014
Correction factor	1.000
Case Width (m)	0.06
Case height (m)	0.2
Case Length (m)	2.11
Duct surface (real) (m ²)	1.10
Duct surface (virtual) (m ²)*	0.52
<small>* Case length 1m is used in calculations when real Case length <1m (As specified by LUKA)</small>	



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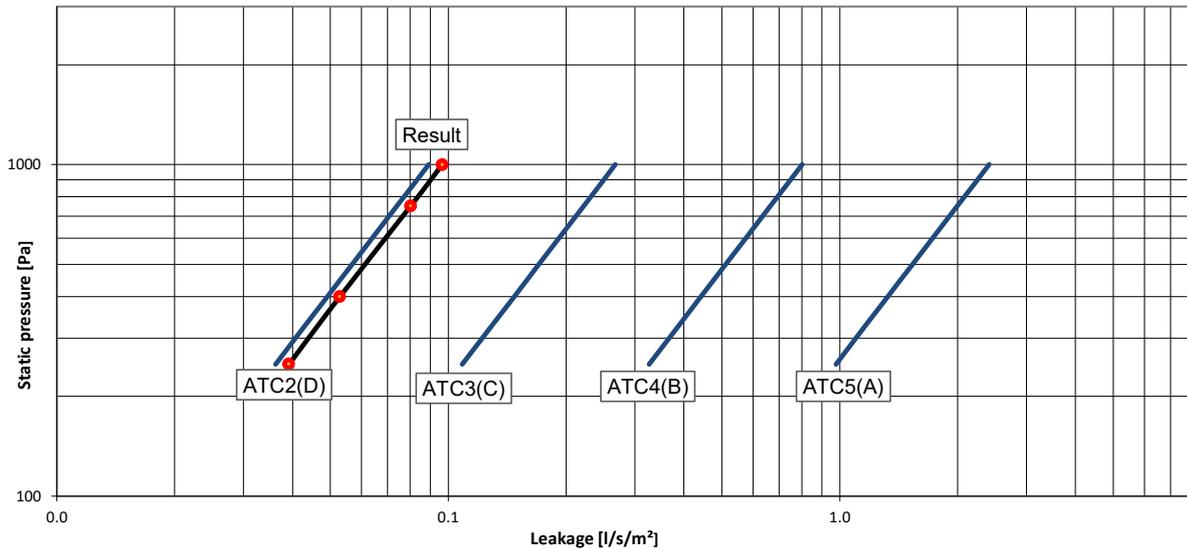
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Serial No.	662
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Test duration 60 sec.		
Visual deformation?	N	
Max. test pressure	1000	Pa
TÜV certificate	P-97/52-30	

Reading	Static	Measured	Corrected	Leakage	NEN-EN 15727-2010			
	Pressure	Leakage	Leakage	Duct surface	ATC5 (A)	ATC4 (B)	ATC3 (C)	ATC2 (D)
	(Pa)	(l/s)	(l/s)	(l/s/m ²)				
1	250	0.043	0.043	0.039	0.98	0.33	0.11	0.04
2	400	0.058	0.058	0.053	1.33	0.44	0.15	0.05
3	750	0.088	0.088	0.080	2.00	0.67	0.22	0.07
4	1000	0.106	0.106	0.097	2.41	0.80	0.27	0.09

Classification of casing leakage



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