

Solid Air Climate Solutions casing leakage test sheet
According to standard NEN-EN 1751-2014

Date:	15-2-2023	Test reference number:	23-005
Exp. Date:	15-2-2023	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **Variabel Volumeregelaar Rechthoekig, Type: VRVESOM 450x200** Result: **ATC2 (D)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	21
Atmospheric pressure (hPa)	1016
Correction factor	0,999
Case Width (m)	0,45
Case height (m)	0,2
Case Length (m)	1
Duct surface (real) (m ²)	1,30
Duct surface (virtual) (m ²)*	1,30
<small>* Case length 1m is used in calculations when real Case length <1m (As specified by LUKA)</small>	



SOLID AIR®
CLIMATE SOLUTIONS

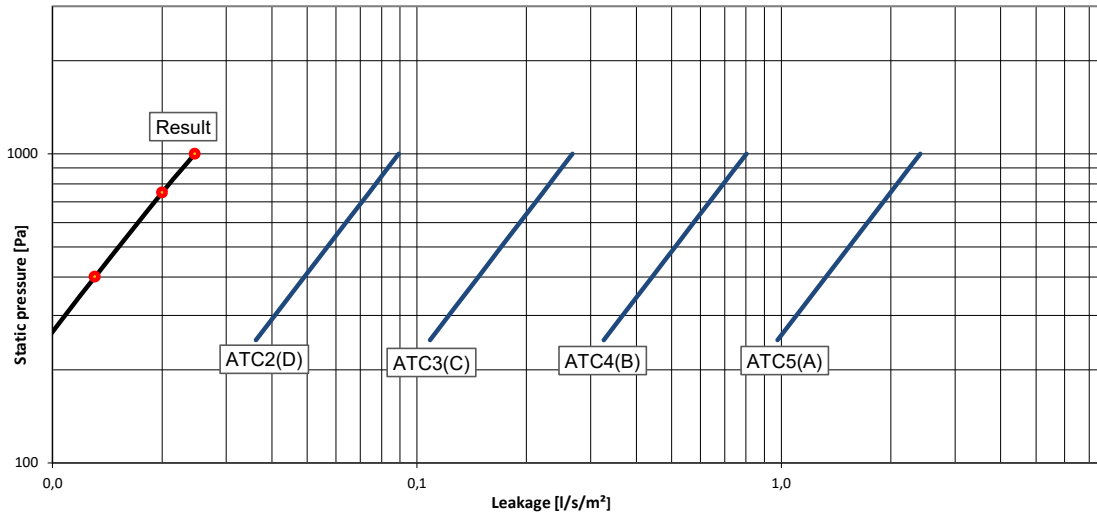
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www.solid-air.com

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 1751-2014			
					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	0,013	0,012	0,010	0,98	0,33	0,11	0,04
2	400	0,017	0,017	0,013	1,33	0,44	0,15	0,05
3	750	0,026	0,026	0,020	2,00	0,67	0,22	0,07
4	1000	0,032	0,032	0,025	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

