

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

Date:	23-6-2023	Test reference number:	23-025
Exp. Date:	23-6-2023	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **Meetorgaan rechthoekig VRVOS_ _ 700x400** Result: **ATC2 (D)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	21
Atmospheric pressure (hPa)	1022
Correction factor	1,005
Case Width (m)	0,7
Case height (m)	0,4
Case Length (m)	1
Duct surface (real) (m ²)	2,20
Duct surface (virtual) (m ²)*	2,20
<small>* Case length 1m is used in calculations when real Case length <1m (As specified by LUKA)</small>	



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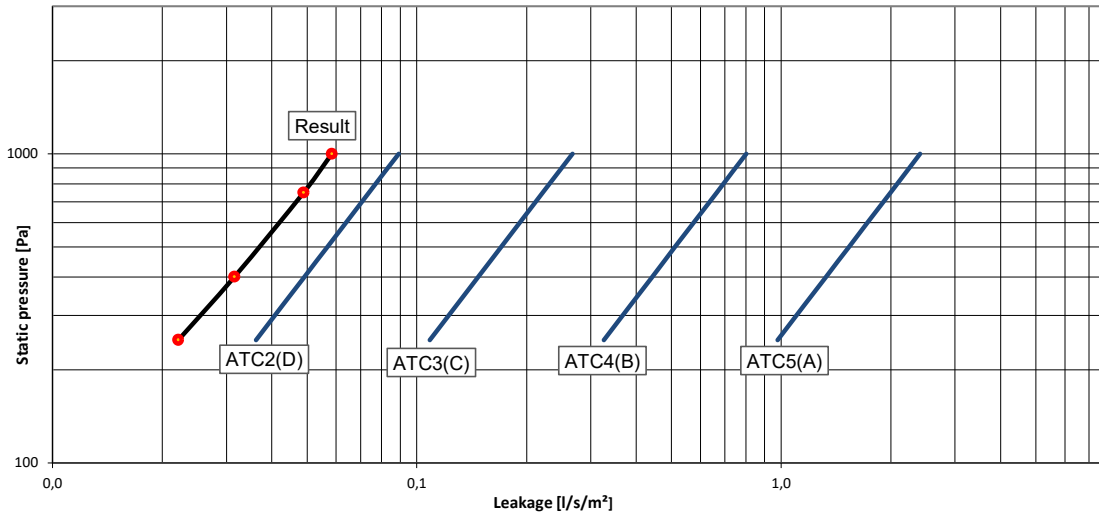
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Measurement equipment	
Brand	Lindab
Air leakage tester type	LT 600
Serial No.	662
Adapter (- / 0,3 / 3,0)	0,3 / 3,0

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	0,049	0,049	0,022	0,98	0,33	0,11	0,04
2	400	0,069	0,069	0,032	1,33	0,44	0,15	0,05
3	750	0,107	0,108	0,049	2,00	0,67	0,22	0,07
4	1000	0,128	0,129	0,058	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

