

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

Date:	24-3-2023	Test reference number:	23-012
Exp. Date:	24-3-2023	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **Variabel Volumeregelaar Rond, Type: VVOSMOO model: 250** Result: **ATC2 (D)**

Measurement conditions \emptyset	
Air temperature (C°)	21
Atmospheric pressure (hPa)	1003
Correction factor	0,987
Case Diameter (m)	0,25
Case length (m)	1
Duct surface (real) (m ²)	0,785
Duct surface (virtual) (m ²)*	0,785
* Case length 1m is used in calculations when real Case length <1m (As specified by LUKA)	



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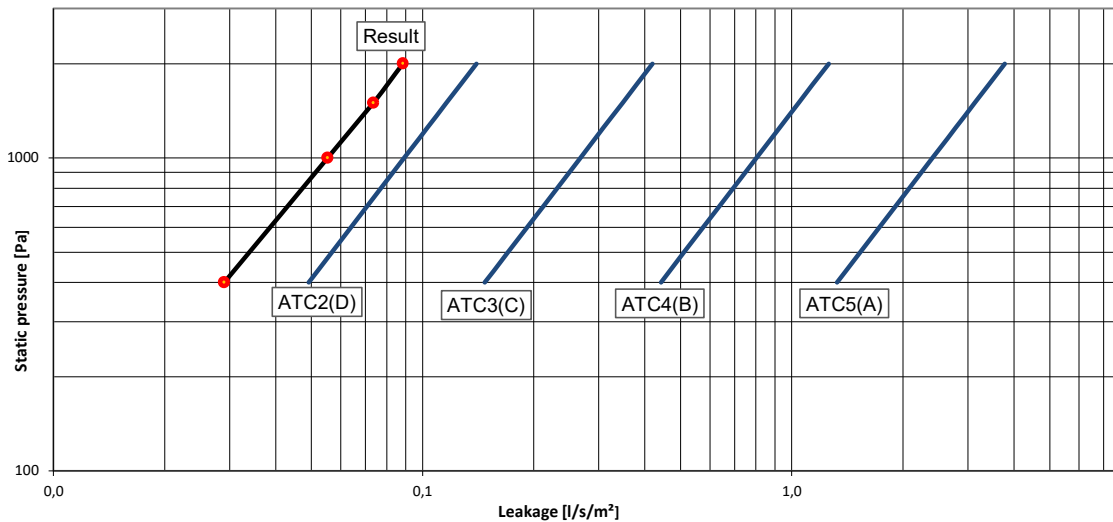
Scheepswervenweg 1
9608 PD Westerbroek
Tel: +31 598 36 12 21
www.solid-air.com

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

Test duration 60 sec.		
Visual deformation?	N	
Max. test pressure	2000	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) (l/s/m ²)	ATC4 (B) (l/s/m ²)	ATC3 (C) (l/s/m ²)	ATC2 (D) (l/s/m ²)
1	400	0,023	0,023	0,029	1,33	0,44	0,15	0,05
2	1000	0,044	0,043	0,055	2,41	0,80	0,27	0,09
3	1500	0,059	0,058	0,073	2,78	0,93	0,31	0,10
4	2000	0,070	0,069	0,088	3,13	1,04	0,35	0,12

Classification of casing leakage



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

Approved and certified by

