

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

Date:	10-5-2023	Test reference number:	23-018
Exp. Date:	10-5-2023	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **Variabel Volumeregelaar Rond, Type: SRHA model: 250** Result: **ATC3 (C)**

Measurement conditions $\emptyset$	
Air temperature (C°)	23
Atmospheric pressure (hPa)	1018
Correction factor	0,995
Case Diameter (m)	0,25
Case length (m)	1
Duct surface (real) (m <sup>2</sup> )	0,785
Duct surface (virtual) (m <sup>2</sup> )*	0,785
* Case length 1m is used in calculations when real Case length <1m (As specified by LUKA)	



**SOLID AIR®**  
CLIMATE SOLUTIONS

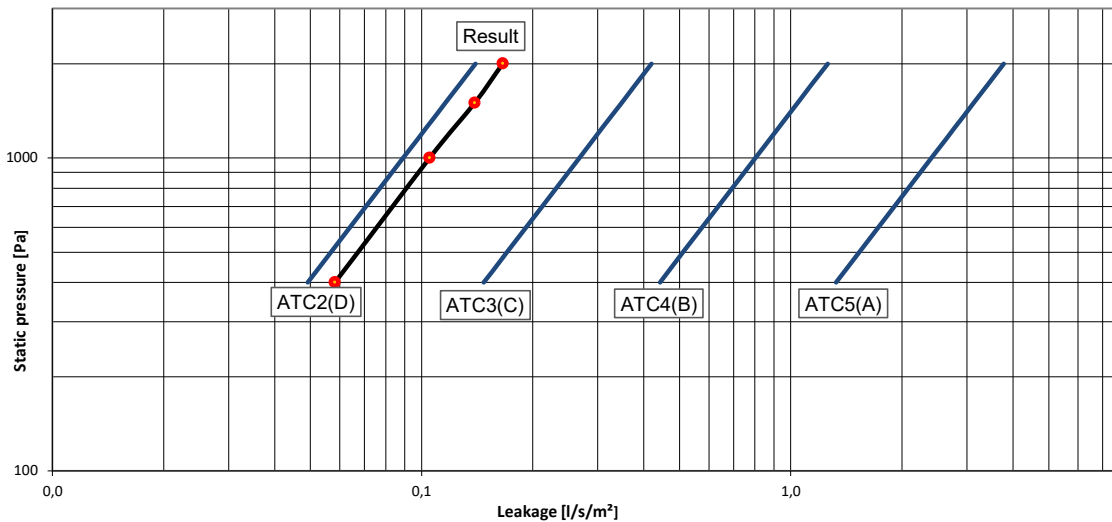
Scheepswervenweg 1  
9608 PD Westerbroek  
Tel: +31 598 36 12 21  
www.solid-air.com

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 <sup>2</sup> )	NEN-EN 1751-2014			
					ATC5 (A) (l/s/m <sup>2</sup> )	ATC4 (B) (l/s/m <sup>2</sup> )	ATC3 (C) (l/s/m <sup>2</sup> )	ATC2 (D) (l/s/m <sup>2</sup> )
1	400	0,046	0,046	0,058	1,33	0,44	0,15	0,05
2	1000	0,083	0,083	0,105	2,41	0,80	0,27	0,09
3	1500	0,110	0,109	0,139	2,78	0,93	0,31	0,10
4	2000	0,131	0,130	0,166	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

