

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

Date:	5/9/2025	Test reference number:	25-11-01
Exp. Date:	5/9/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **VRVSOO 200x200** Result: **ATC2 (D)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	19
Atmospheric pressure (hPa)	1021
Correction factor	1.000
Case Width (m)	0.2
Case height (m)	0.2
Case Length (m)	0.38
Duct surface (real) (m <sup>2</sup> )	0.30
Duct surface (virtual) (m <sup>2</sup> )*	0.80
<small>* Case length 1m is used in calculations when real Case length &lt;1m (As specified by LUKA)</small>	



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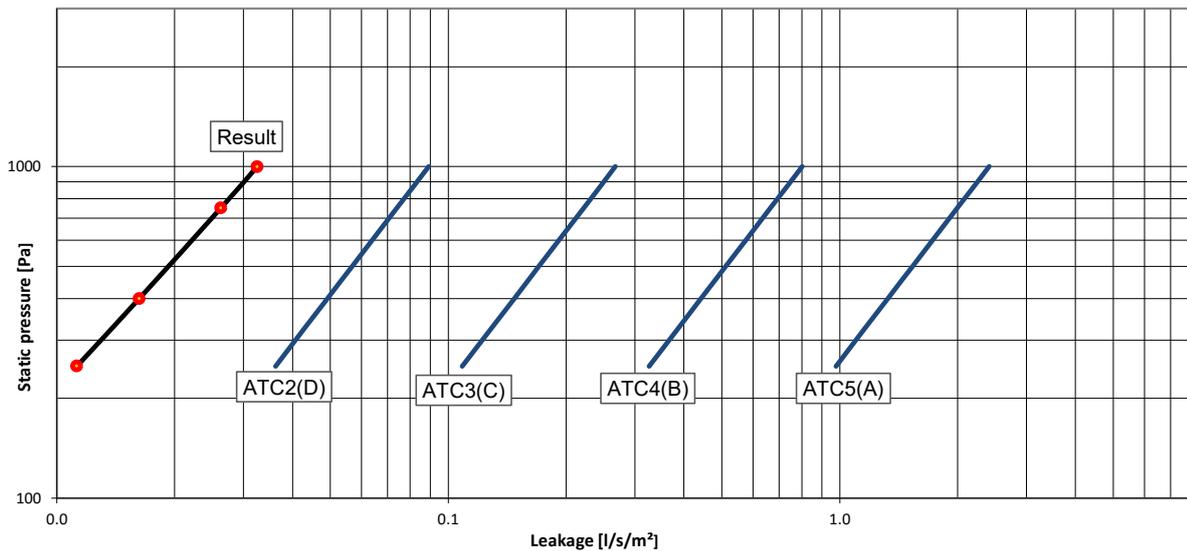
Scheepswervenweg 1  
9608 PD Westerbroek  
Tel: +31 598 36 12 21  
[www.solid-air.com](http://www.solid-air.com)

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 <sup>2</sup> )	NEN-EN 15727-2010			
					ATC5 (A)	ATC4 (B)	ATC3 (C)	ATC2 (D)
					(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )
1	250	0.009	0.009	0.011	0.98	0.33	0.11	0.04
2	400	0.013	0.013	0.016	1.33	0.44	0.15	0.05
3	750	0.021	0.021	0.026	2.00	0.67	0.22	0.07
4	1000	0.026	0.026	0.033	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.

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

Date:	5/9/2025	Test reference number:	25-11-02
Exp. Date:	5/9/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **VRVSOO 400x200** Result: **ATC2 (D)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	19
Atmospheric pressure (hPa)	1021
Correction factor	1.000
Case Width (m)	0.4
Case height (m)	0.2
Case Length (m)	0.38
Duct surface (real) (m <sup>2</sup> )	0.46
Duct surface (virtual) (m <sup>2</sup> )*	1.20
<small>* Case length 1m is used in calculations when real Case length &lt;1m (As specified by LUKA)</small>	



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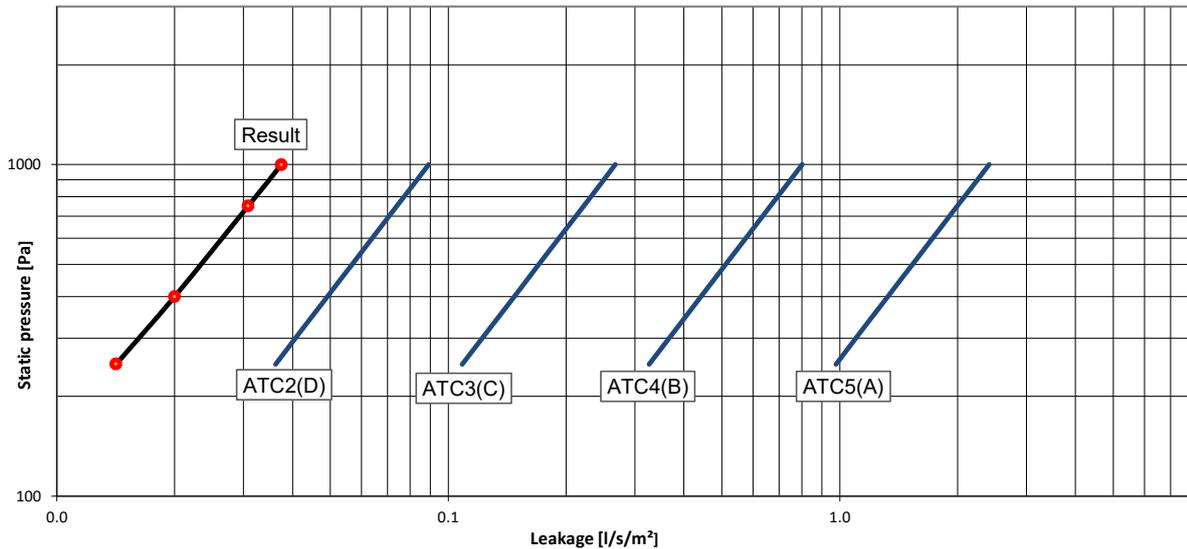
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9608 PD Westerbroek  
Tel: +31 598 36 12 21  
[www.solid-air.com](http://www.solid-air.com)

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 <sup>2</sup> )	NEN-EN 15727-2010			
					ATC5 (A)	ATC4 (B)	ATC3 (C)	ATC2 (D)
					(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )
1	250	0.017	0.017	0.014	0.98	0.33	0.11	0.04
2	400	0.024	0.024	0.020	1.33	0.44	0.15	0.05
3	750	0.037	0.037	0.031	2.00	0.67	0.22	0.07
4	1000	0.045	0.045	0.038	2.41	0.80	0.27	0.09

### Classification of casing leakage



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

Date:	5/9/2025	Test reference number:	25-11-03
Exp. Date:	5/9/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **VRVSOO 450x200** Result: **ATC2 (D)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	19
Atmospheric pressure (hPa)	1021
Correction factor	1.000
Case Width (m)	0.45
Case height (m)	0.2
Case Length (m)	0.38
Duct surface (real) (m <sup>2</sup> )	0.49
Duct surface (virtual) (m <sup>2</sup> )*	1.30
<small>* Case length 1m is used in calculations when real Case length &lt;1m (As specified by LUKA)</small>	



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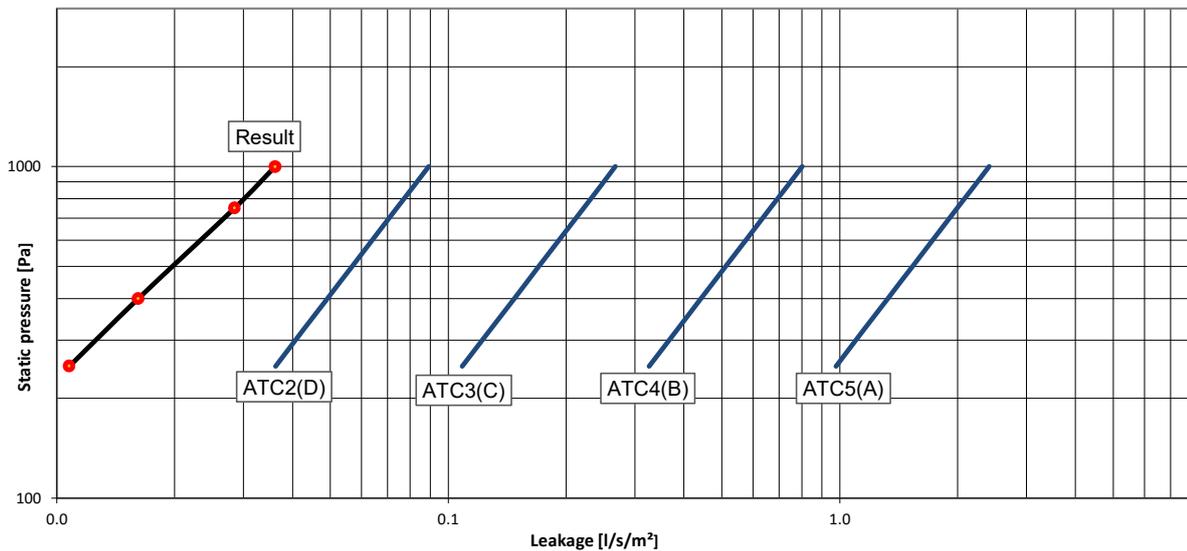
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9608 PD Westerbroek  
Tel: +31 598 36 12 21  
[www.solid-air.com](http://www.solid-air.com)

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 <sup>2</sup> )	NEN-EN 15727-2010			
					ATC5 (A)	ATC4 (B)	ATC3 (C)	ATC2 (D)
					(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )
1	250	0.014	0.014	0.011	0.98	0.33	0.11	0.04
2	400	0.021	0.021	0.016	1.33	0.44	0.15	0.05
3	750	0.037	0.037	0.028	2.00	0.67	0.22	0.07
4	1000	0.047	0.047	0.036	2.41	0.80	0.27	0.09

### Classification of casing leakage



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

Date:	5/9/2025	Test reference number:	25-11-04
Exp. Date:	5/9/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **VRVSOO 500x200** Result: **ATC2 (D)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	19
Atmospheric pressure (hPa)	1021
Correction factor	1.000
Case Width (m)	0.5
Case height (m)	0.2
Case Length (m)	0.38
Duct surface (real) (m <sup>2</sup> )	0.53
Duct surface (virtual) (m <sup>2</sup> )*	1.40
<small>* Case length 1m is used in calculations when real Case length &lt;1m (As specified by LUKA)</small>	



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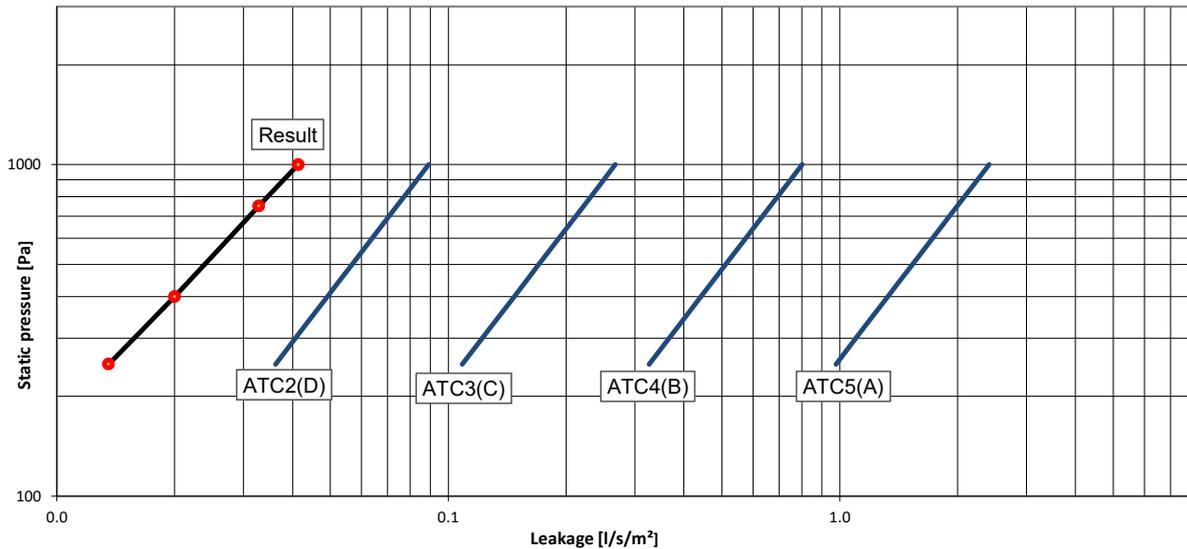
Scheepswervenweg 1  
9608 PD Westerbroek  
Tel: +31 598 36 12 21  
[www.solid-air.com](http://www.solid-air.com)

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					NEN-EN 15727-2010			
	Static Pressure	Measured Leakage	Corrected Leakage	Leakage Duct surface	ATC5 (A)	ATC4 (B)	ATC3 (C)	ATC2 (D)
	(Pa)	(l/s)	(l/s)	(l/s/m <sup>2</sup> )				
1	250	0.019	0.019	0.014	0.98	0.33	0.11	0.04
2	400	0.028	0.028	0.020	1.33	0.44	0.15	0.05
3	750	0.046	0.046	0.033	2.00	0.67	0.22	0.07
4	1000	0.058	0.058	0.041	2.41	0.80	0.27	0.09

### Classification of casing leakage



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

Date:	5/12/2025	Test reference number:	25-11-05
Exp. Date:	5/12/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **VRVSOO 700x400** Result: **ATC2 (D)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	21
Atmospheric pressure (hPa)	1013
Correction factor	1.000
Case Width (m)	0.7
Case height (m)	0.4
Case Length (m)	0.38
Duct surface (real) (m <sup>2</sup> )	0.84
Duct surface (virtual) (m <sup>2</sup> )*	2.20
<small>* Case length 1m is used in calculations when real Case length &lt;1m (As specified by LUKA)</small>	



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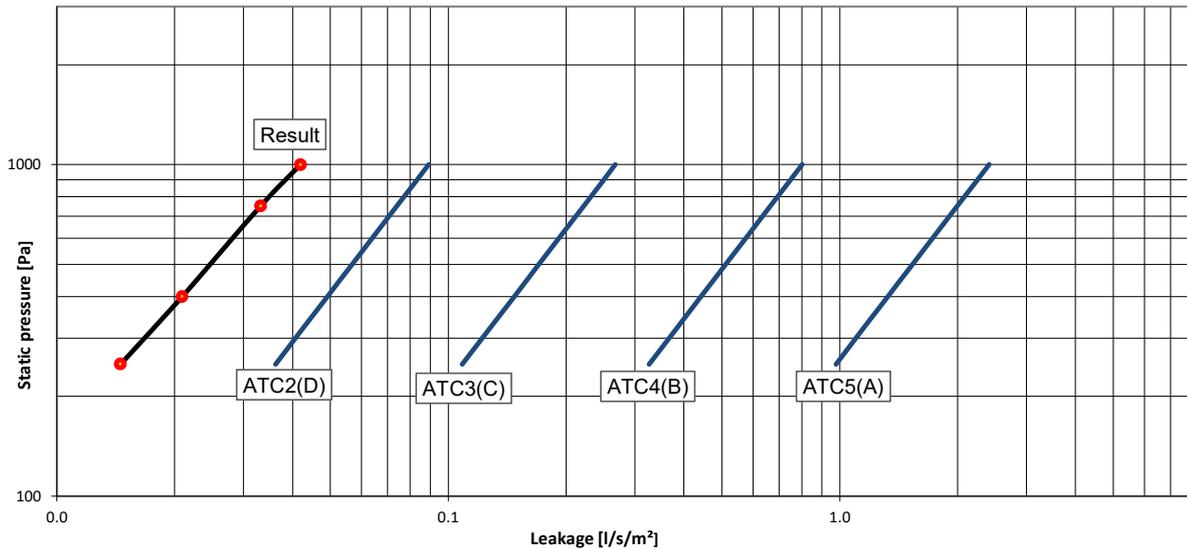
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Tel: +31 598 36 12 21  
[www.solid-air.com](http://www.solid-air.com)

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 <sup>2</sup> )	NEN-EN 15727-2010			
					ATC5 (A)	ATC4 (B)	ATC3 (C)	ATC2 (D)
					(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )
1	250	0.032	0.032	0.015	0.98	0.33	0.11	0.04
2	400	0.046	0.046	0.021	1.33	0.44	0.15	0.05
3	750	0.073	0.073	0.033	2.00	0.67	0.22	0.07
4	1000	0.092	0.092	0.042	2.41	0.80	0.27	0.09

### Classification of casing leakage



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

Date:	5/12/2025	Test reference number:	25-11-06
Exp. Date:	5/12/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **VRVSOO 800x250** Result: **ATC2 (D)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	21
Atmospheric pressure (hPa)	1013
Correction factor	1.000
Case Width (m)	0.8
Case height (m)	0.28
Case Length (m)	0.38
Duct surface (real) (m <sup>2</sup> )	0.82
Duct surface (virtual) (m <sup>2</sup> )*	2.16
<small>* Case length 1m is used in calculations when real Case length &lt;1m (As specified by LUKA)</small>	



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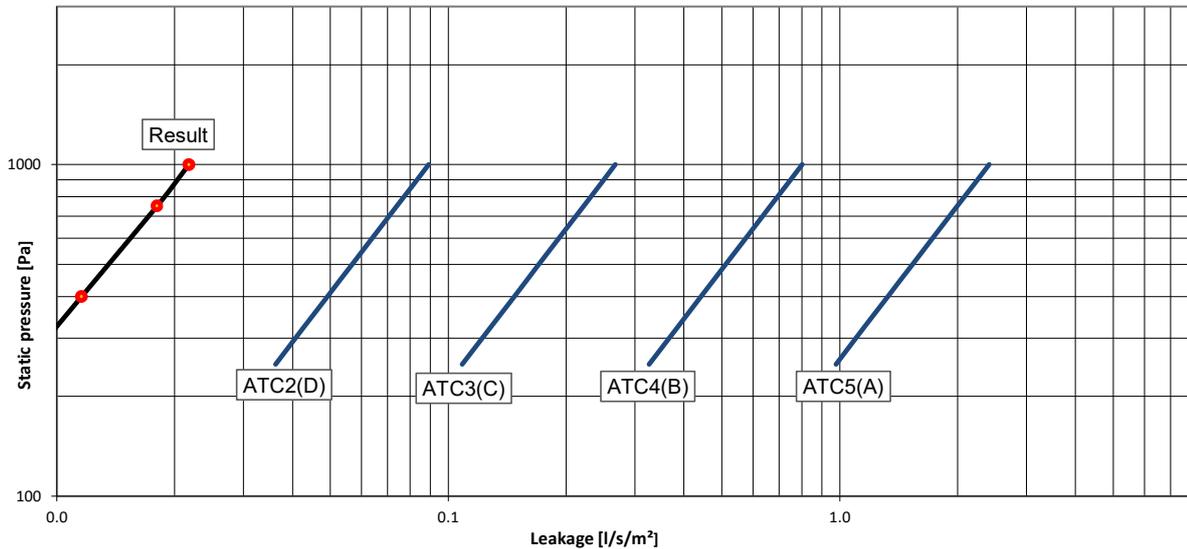
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Tel: +31 598 36 12 21  
[www.solid-air.com](http://www.solid-air.com)

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 <sup>2</sup> )	NEN-EN 15727-2010			
					ATC5 (A)	ATC4 (B)	ATC3 (C)	ATC2 (D)
					(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )
1	250	0.018	0.018	0.008	0.98	0.33	0.11	0.04
2	400	0.025	0.025	0.012	1.33	0.44	0.15	0.05
3	750	0.039	0.039	0.018	2.00	0.67	0.22	0.07
4	1000	0.047	0.047	0.022	2.41	0.80	0.27	0.09

### Classification of casing leakage



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

Date:	5/12/2025	Test reference number:	25-11-07
Exp. Date:	5/12/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **VRVSOO 800x350** Result: **ATC2 (D)**

Measurement conditions <input type="checkbox"/>	
Air temperature (C°)	21
Atmospheric pressure (hPa)	1012
Correction factor	1.000
Case Width (m)	0.8
Case height (m)	0.35
Case Length (m)	0.38
Duct surface (real) (m <sup>2</sup> )	0.87
Duct surface (virtual) (m <sup>2</sup> )*	2.30
<small>* Case length 1m is used in calculations when real Case length &lt;1m (As specified by LUKA)</small>	



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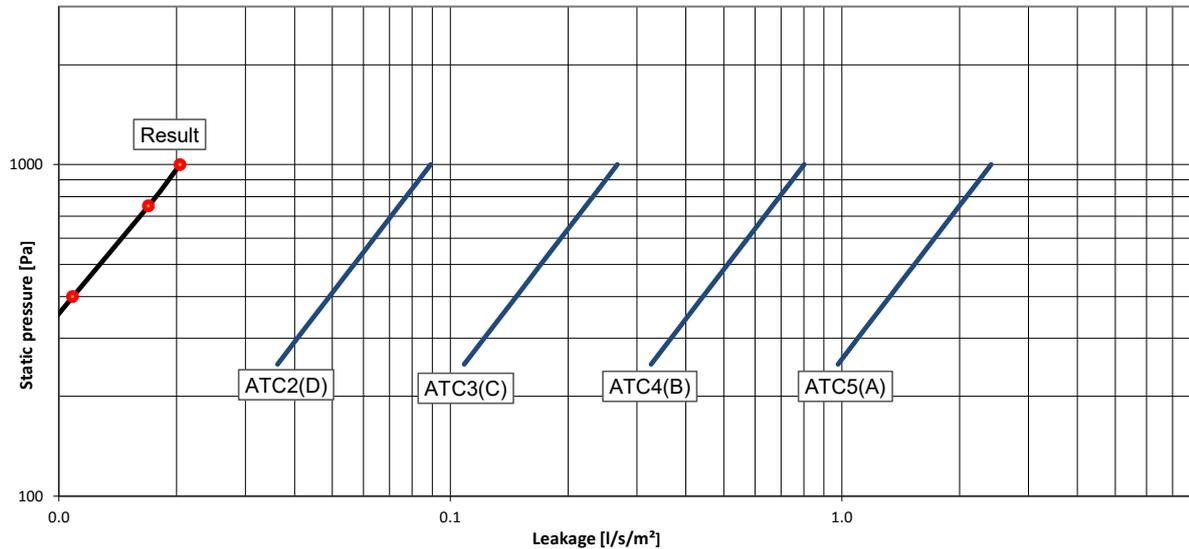
Scheepswervenweg 1  
9608 PD Westerbroek  
Tel: +31 598 36 12 21  
[www.solid-air.com](http://www.solid-air.com)

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 <sup>2</sup> )	NEN-EN 15727-2010			
					ATC5 (A)	ATC4 (B)	ATC3 (C)	ATC2 (D)
					(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )	(l/s/m <sup>2</sup> )
1	250	0.018	0.018	0.008	0.98	0.33	0.11	0.04
2	400	0.025	0.025	0.011	1.33	0.44	0.15	0.05
3	750	0.039	0.039	0.017	2.00	0.67	0.22	0.07
4	1000	0.047	0.047	0.020	2.41	0.80	0.27	0.09

### Classification of casing leakage



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