

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

Date:	2/14/2025	Test reference number:	25-04-01
Exp. Date:	2/14/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV
Model (Name/Type):			Result: <b>ATC3 (C)</b>

Measurement conditions $\emptyset$	
Air temperature (C°)	18
Atmospheric pressure (hPa)	1028
Correction factor	1.000
Case Diameter (m)	0.1
Case length (m)	0.16
Duct surface (real) (m <sup>2</sup> )	0.050
Duct surface (virtual) (m <sup>2</sup> )*	0.314
* Case length 1m is used in calculations when real Case length <1m (As specified by LUKA)	



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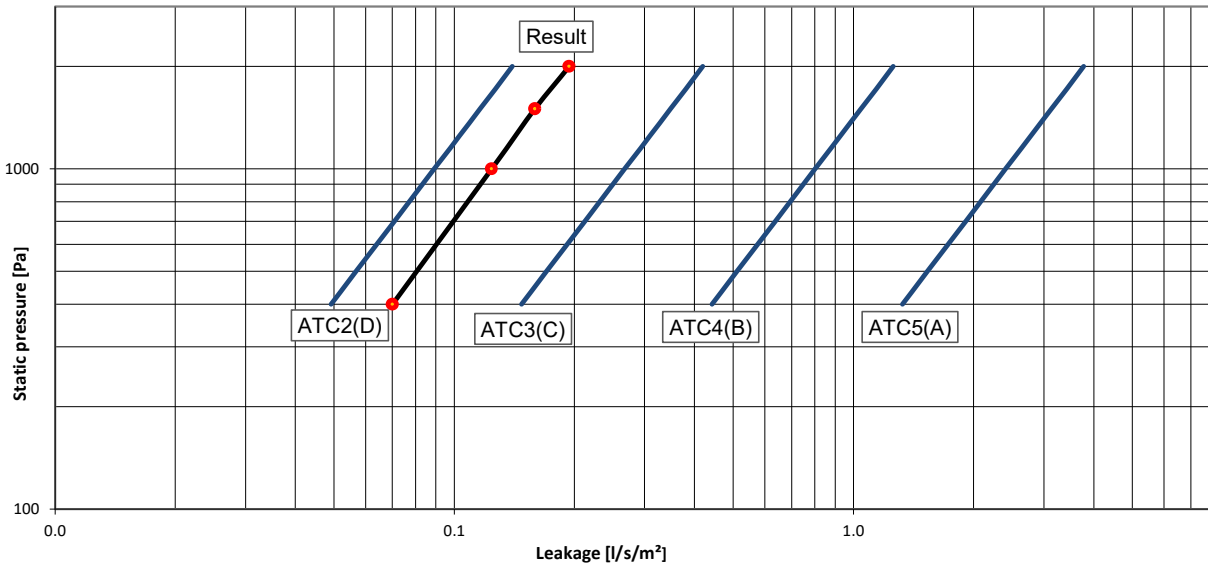
Scheepswervenweg 1  
9608 PD Westerbroek  
Tel: +31 598 36 12 21  
www.solid-air.com

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 <sup>2</sup> )	NEN-EN 1751-2014			
					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	400	0.022	0.022	0.070	1.33	0.44	0.15	0.05
2	1000	0.039	0.039	0.124	2.41	0.80	0.27	0.09
3	1500	0.050	0.050	0.159	3.13	1.04	0.35	0.12
4	2000	0.061	0.061	0.194	3.78	1.26	0.42	0.14

**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 1751-2014

Date:	2/14/2025	Test reference number:	25-04-02
Exp. Date:	2/14/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV
Model (Name/Type):			Result: <b>ATC3 (C)</b>

Measurement conditions $\emptyset$	
Air temperature (C°)	19
Atmospheric pressure (hPa)	1028
Correction factor	1.000
Case Diameter (m)	0.125
Case length (m)	0.16
Duct surface (real) (m <sup>2</sup> )	0.063
Duct surface (virtual) (m <sup>2</sup> )*	0.393
* Case length 1m is used in calculations when real Case length <1m (As specified by LUKA)	



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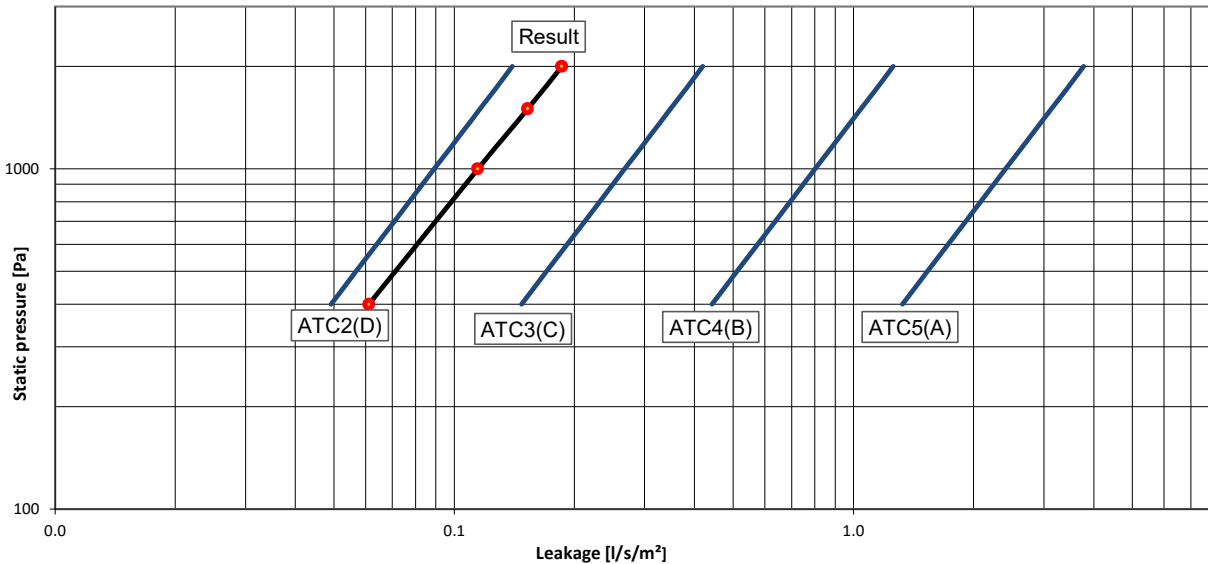
Scheepswervenweg 1  
9608 PD Westerbroek  
Tel: +31 598 36 12 21  
www.solid-air.com

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 <sup>2</sup> )	NEN-EN 1751-2014			
					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	400	0.024	0.024	0.061	1.33	0.44	0.15	0.05
2	1000	0.045	0.045	0.115	2.41	0.80	0.27	0.09
3	1500	0.060	0.060	0.153	3.13	1.04	0.35	0.12
4	2000	0.073	0.073	0.186	3.78	1.26	0.42	0.14

**Classification of casing leakage**



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

Date:	2/14/2025	Test reference number:	25-04-03
Exp. Date:	2/14/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type):	Regelklep rond, SRHA 160	Result: <b>ATC3 (C)</b>
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Measurement conditions $\emptyset$	
Air temperature (C°)	19
Atmospheric pressure (hPa)	1027
Correction factor	1.000
Case Diameter (m)	0.16
Case length (m)	0.16
Duct surface (real) (m <sup>2</sup> )	0.080
Duct surface (virtual) (m <sup>2</sup> )*	0.503
<small>* Case length 1m is used in calculations when real Case length &lt;1m (As specified by LUKA)</small>	



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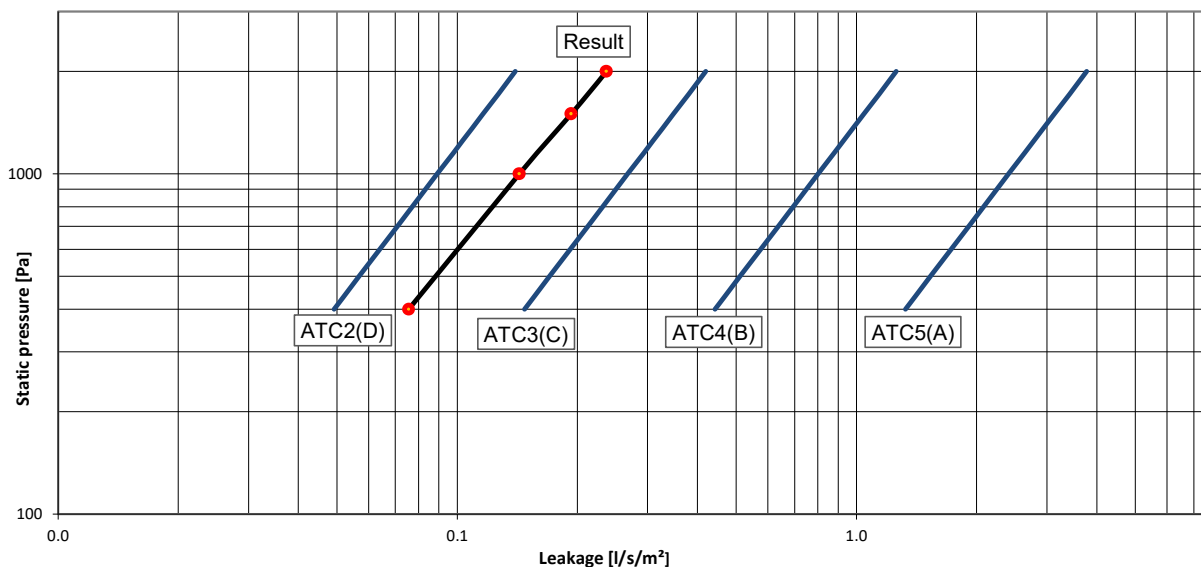
Scheepswervenweg 1  
9608 PD Westerbroek  
Tel: +31 598 36 12 21  
[www.solid-air.com](http://www.solid-air.com)

Measurement equipment	
Brand	Lindab
Air leakage tester type	LT 600
Serial No.	662
Adapter (- / 0,3 / 3,0)	0.3

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)	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	400	0.038	0.038	0.076	1.33	0.44	0.15	0.05
2	1000	0.072	0.072	0.143	2.41	0.80	0.27	0.09
3	1500	0.097	0.097	0.193	3.13	1.04	0.35	0.12
4	2000	0.119	0.119	0.237	3.78	1.26	0.42	0.14

### Classification of casing leakage



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

Date:	2/14/2025	Test reference number:	25-04-04
Exp. Date:	2/14/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV
Model (Name/Type):			Result: <b>ATC3 (C)</b>

Measurement conditions $\emptyset$	
Air temperature (C°)	19
Atmospheric pressure (hPa)	1027
Correction factor	1.000
Case Diameter (m)	0.2
Case length (m)	0.16
Duct surface (real) (m <sup>2</sup> )	0.101
Duct surface (virtual) (m <sup>2</sup> )*	0.628
* Case length 1m is used in calculations when real Case length <1m (As specified by LUKA)	



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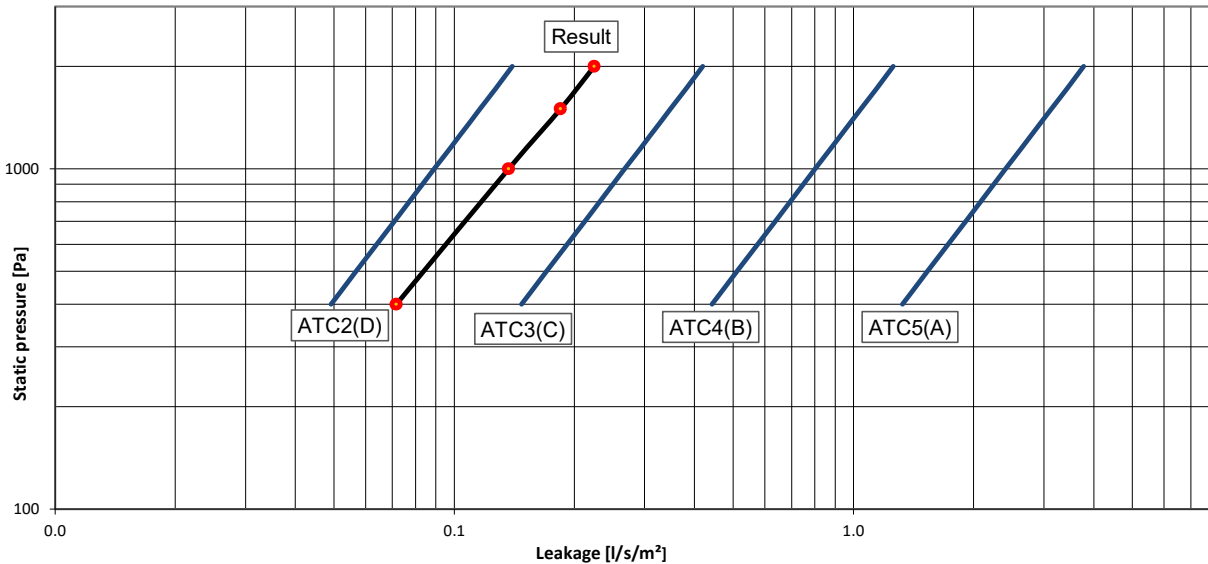
Scheepswervenweg 1  
9608 PD Westerbroek  
Tel: +31 598 36 12 21  
www.solid-air.com

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 <sup>2</sup> )	NEN-EN 1751-2014			
					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	400	0.045	0.045	0.072	1.33	0.44	0.15	0.05
2	1000	0.086	0.086	0.137	2.41	0.80	0.27	0.09
3	1500	0.116	0.116	0.185	3.13	1.04	0.35	0.12
4	2000	0.141	0.141	0.224	3.78	1.26	0.42	0.14

**Classification of casing leakage**



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

Date:	2/14/2025	Test reference number:	25-04-05
Exp. Date:	2/14/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type): **Regelklep rond, SRHA 250** Result: **ATC3 (C)**

Measurement conditions $\emptyset$	
Air temperature (C°)	19
Atmospheric pressure (hPa)	1027
Correction factor	1.000
Case Diameter (m)	0.25
Case length (m)	0.18
Duct surface (real) (m <sup>2</sup> )	0.141
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)	



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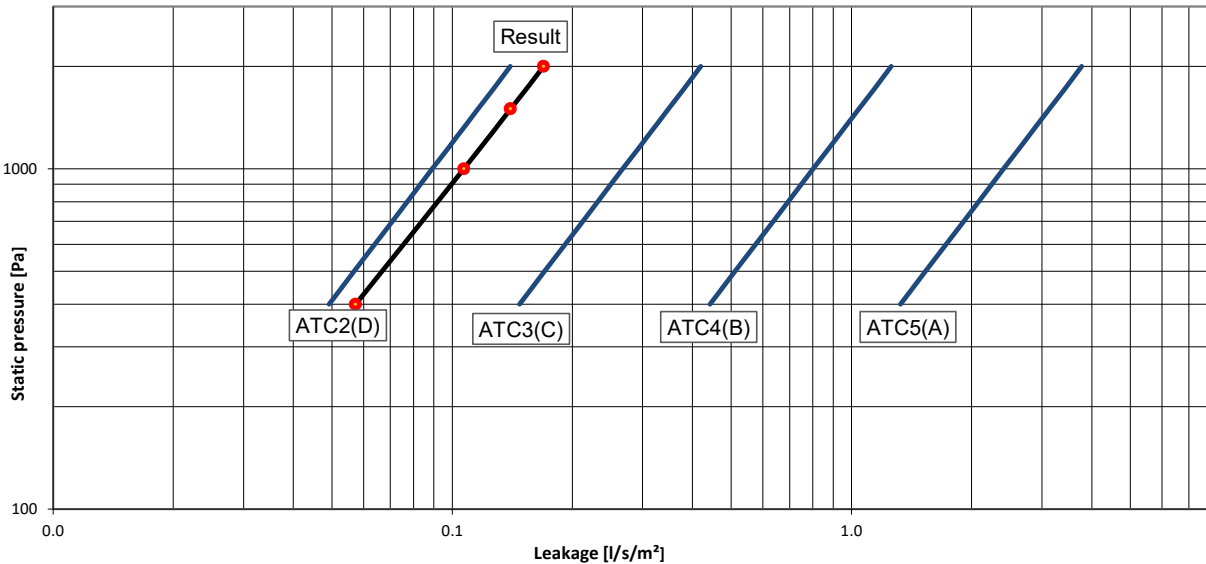
Scheepswervenweg 1  
9608 PD Westerbroek  
Tel: +31 598 36 12 21  
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Measurement equipment	
Brand	Lindab
Air leakage tester type	LT 600
Serial No.	662
Adapter (- / 0,3 / 3,0)	0.3

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)	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	400	0.045	0.045	0.057	1.33	0.44	0.15	0.05
2	1000	0.084	0.084	0.107	2.41	0.80	0.27	0.09
3	1500	0.110	0.110	0.140	3.13	1.04	0.35	0.12
4	2000	0.133	0.133	0.169	3.78	1.26	0.42	0.14

**Classification of casing leakage**



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

Date:	2/14/2025	Test reference number:	25-04-06
Exp. Date:	2/14/2028	Tested by:	GV
Place:	Solid Air Climate Solutions B.V.	Witness by:	HV

Model (Name/Type):	<b>Regelklep rond, SRHA 315</b>	Result: <b>ATC3 (C)</b>
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Measurement conditions $\emptyset$	
Air temperature (C°)	19
Atmospheric pressure (hPa)	1027
Correction factor	1.000
Case Diameter (m)	0.315
Case length (m)	0.18
Duct surface (real) (m <sup>2</sup> )	0.178
Duct surface (virtual) (m <sup>2</sup> )*	0.990
<small>* Case length 1m is used in calculations when real Case length &lt;1m (As specified by LUKA)</small>	



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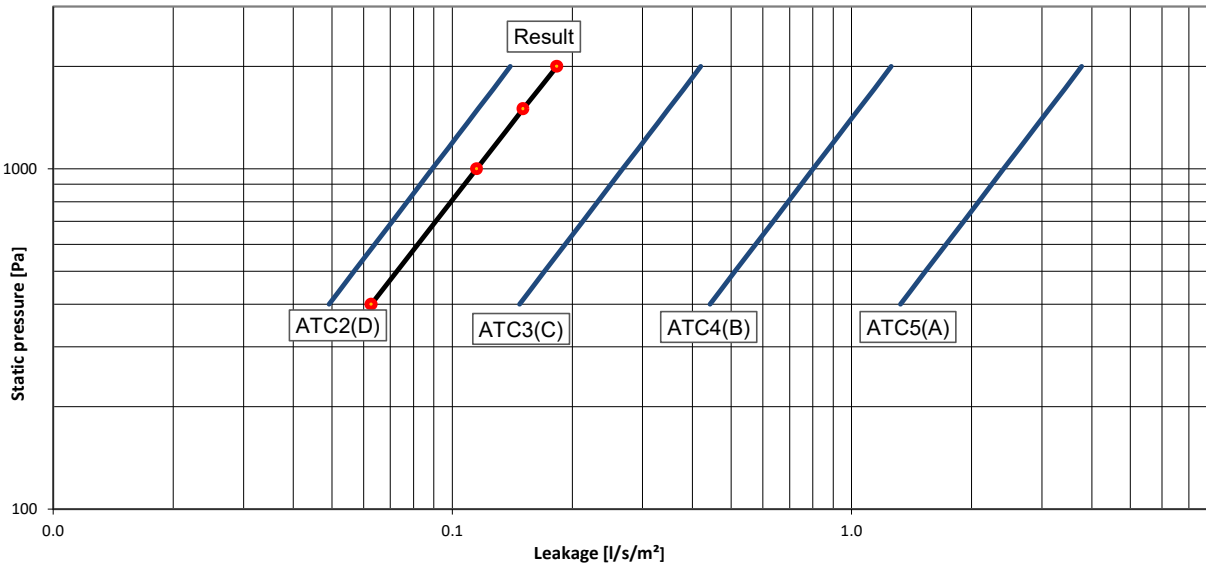
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9608 PD Westerbroek  
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www.solid-air.com

Measurement equipment	
Brand	Lindab
Air leakage tester type	LT 600
Serial No.	662
Adapter (- / 0,3 / 3,0)	0.3

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)	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	400	0.062	0.062	0.063	1.33	0.44	0.15	0.05
2	1000	0.114	0.114	0.115	2.41	0.80	0.27	0.09
3	1500	0.149	0.149	0.151	3.13	1.04	0.35	0.12
4	2000	0.181	0.181	0.183	3.78	1.26	0.42	0.14

**Classification of casing leakage**



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

**Approved and certified by**

