

EN 1751 Test Report Casing Air Leakage Rate

Date: 5-8-2019	Test Reference Number: M050819-01/TAB	
Place: Waalwijk	Tested by: Tom Absil	Witness by: F. Fonken
		MR/vs010315
Model (name/type): IRIS-250		Result: Class C

Air temperature (°C)	23
Atmospheric pressure (Pa)	101020
Correction factor	0,987
Case width (m)	0,250
Case Height (m)	0,250
Duct Length (m)	1
Other	

Pressure time	120 sec.	<small>(standard)</small>
Surface Area:	0,14	<small>m²</small>

Measuring Equipment:

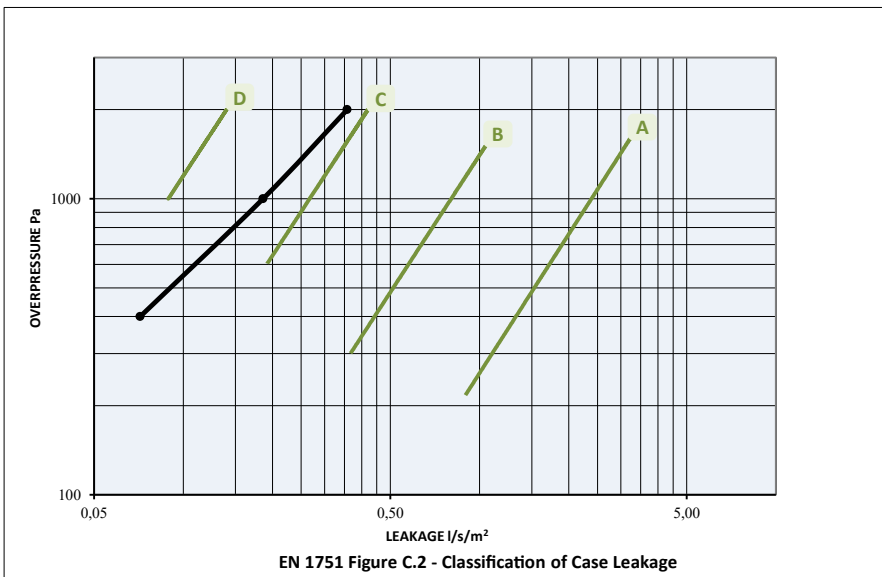
Air leakage tester type: Airflow HVLTK MK4 M (230V)
 Serial No: 125286
 Date certification: 12-09-2017
 Calibration cert.nr. 21700548



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Reading					Approximate				
	Static Pressure	Leakage	Rig Leakage	Leakage Duct Surface	Corrected	EN 1751 Class A	EN 1751 Class B	EN 1751 Class C	EN 1751 Class D
	(Pa)	(N l/s)	(l/s)	(l/s/m ²)		(l/s/m ²)	(l/s/m ²)	(l/s/m ²)	(l/s/m ²)
1	400	1,04	1,03	0,072	0,072	1,326	0,442	-	-
2	1000	1,70	1,67	0,188	0,186	-	0,802	0,267	0,089
3	2000	2,47	2,42	0,362	0,358	-	-	0,420	0,140

From DW/144				
Duct Pressure Class	Static pressure limit		Maximum Air Velocity	Air leakage limits litres per second per square metre of duct surface area
	Positive	Negative		
1	2	3	4	5
	Pa	Pa	m/s	l/s/m ²
Low - Class A	500	500	10	$0.027 \times p^{0.65}$
Medium - Class B	1000	750	20	$0.009 \times p^{0.65}$
High - Class C	2000	750	40	$0.003 \times p^{0.65}$



Visual deformation?	No
@ Pa:	x

Approved and certified by
 Certificate nr. : P-97/52-24

