

EN 1751 Test Report Casing Air Leakage Rate

Date: 08-12-2017

Test Reference Number: M081217-01/SHO

Witness by: FFO

MR/vs010315

Place: Waalwijk

Tested by: SHO

Result: Class C

Model (name/type): IVV-C-100 variabel volumeregelaar

Result: Class C

Air temperature (°C)	20
Atmospheric pressure (Pa)	100970
Correction factor	0,996
Case width (m)	0,100
Case Height (m)	0,100
Duct Length (m)	1
Other	

Pressure time	120 sec.	(standard)
Surface Area:	0,31	m ²

Measuring Equipment:

Air leakage tester type: Airflow HVLTK MK4 M (230V)

Serial No: 125286

Date certification: 12-09-2017

Calibration cert.nr. 21700548

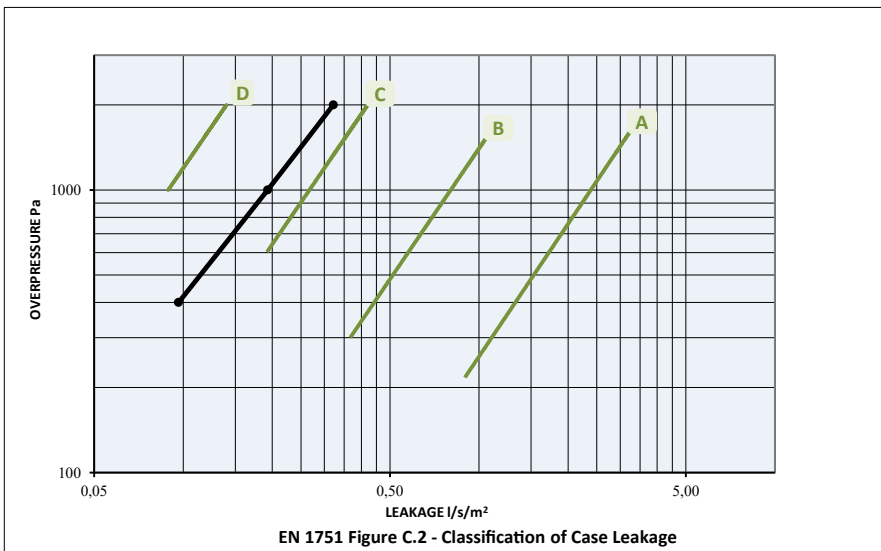


Tielenstraat 17, 5145 RC Waalwijk
sales@inatherm.nl, www.inatherm.nl

Reading	Static				Approximate				
	Pressure (Pa)	Leakage (N l/s)	Rig Leakage (l/s)	Leakage Duct Surface (l/s/m ²)	Corrected	EN 1751 Class A (l/s/m ²)	EN 1751 Class B (l/s/m ²)	EN 1751 Class C (l/s/m ²)	EN 1751 Class D (l/s/m ²)
1	400	1,08	1,05	0,097	0,096	1,326	0,442	-	-
2	1000	1,87	1,81	0,194	0,193	-	0,802	0,267	0,089
3	2000	2,87	2,77	0,323	0,321	-	-	0,420	0,140

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	$0.003 \times p^{0.65}$

Picture component



Picture from test



Visual deformation?	No
@ Pa:	x

Approved and certified by

Certificate nr.: P-97/52-24

