

EN 15727 Test Report Casing Air Leakage Rate

Date: 1-11-2023

Test Reference Number: M011122-01/TAB

Tested by: T. Absil

Witness by: M. Schets

MR/vs010315

Place: Waalwijk

Model (name/type): CWW-H-D 100-2-2,5

Result: Class D

Air temperature (°C)	18
Atmospheric pressure (Pa)	99810
Correction factor	0,992
Case width (m)	0,225
Case Height (m)	0,115
Duct Length (m)	1
Other	

Pressure time	120 sec.	(standard)
Surface Area:	0,74	m ²

Measuring Equipment:

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

Serial No: 125286

Date certification: 12-09-2017

Calibration cert.nr. 21700548

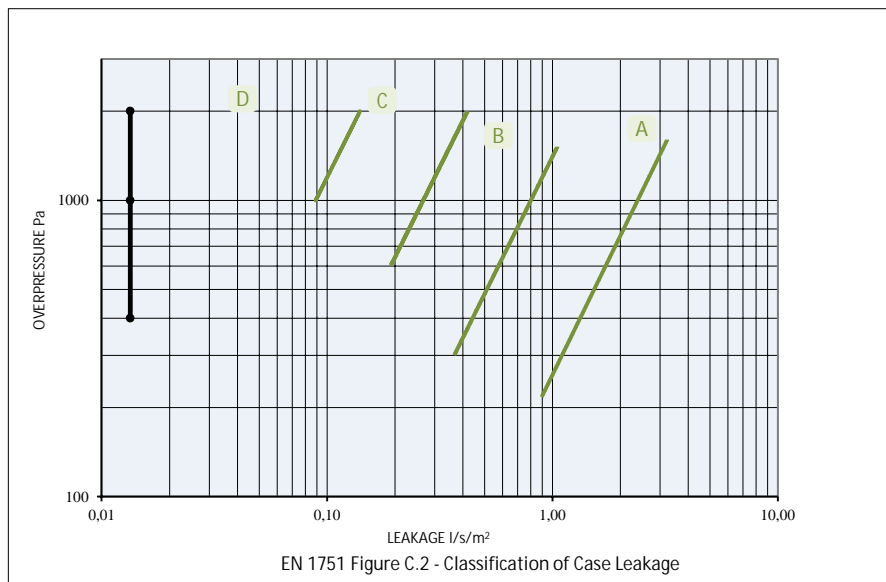


INATHERM
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Reading	Static Pressure (Pa)	Leakage (N l/s)	Rig Leakage (l/s)	Leakage Duct Surface (l/s/m ²)	Corrected	Approximate			
						EN 1751 Class A (l/s/m ²)	EN 1751 Class B (l/s/m ²)	EN 1751 Class C (l/s/m ²)	EN 1751 Class D (l/s/m ²)
1	400	1,08	1,07	0,014	0,013	1,326	0,442	-	-
2	1000	1,75	1,74	0,014	0,013	-	0,802	0,267	0,089
3	2000	2,48	2,47	0,014	0,013	-	-	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 x p ^{0.65}
Medium - Class B	1000	750	20	0.009 x p ^{0.65}
High - Class C	2000	750	40	0.003 x p ^{0.65}



Visual deformation?	No
@ Pa:	x

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

