



Make	Strength	Casing Air Leakage		Filter	"T"	"TB"	Attenuation per Octave Band (dB)							Eurovent Group
		400Pa -ve	700Pa +ve				125	250	500	1000	2000	4000	8000	
Efatar Cold Magic CW-3 (50mm PU)	2A	B	B	F9	T2	TB2	11	14	12	19	26	33	35	04.08.170 / DOUBLE SKIN
Efatar Cold Magic CW-2 (25mm PU)	2A	B	B	F9	T3	TB2	11	13	12	16	23	31	35	04.08.170 / DOUBLE SKIN

Casing Strength

Class	Max Panel mm/m	Total Fan Pressure?	
1	10	No	worst
1A	10	Yes	...
1B	No requirment	Yes	...
2	4	No	...
2A	4	Yes	best

Casing Thermal Bridge "TB"

Class	Kb	
TB1	$0.75 < Kb \leq 1$	best
TB2	$0.6 < Kb \leq 0.75$...
TB3	$0.45 < Kb \leq 0.60$...
TB4	$0.3 < Kb \leq 0.45$...
TB5	No requirement	worst

Casing Air Tightness

Class	Air Leakage at -400Pa (L/s/m)	Air Leakage at +700Pa (L/s/m)	Applicable Filter	
3A	3.96	5.7	G1-4	worst
A	1.32	1.9	F5-7	...
B	0.44	0.63	F8-9	best

Kb = surface - internal temp/air-to-air temp

Casing Thermal Insulation "T"

Class	"U" (W/m ² k)	
T1	< 0.5	best
T2	$0.5 < U < 1$...
T3	$1 < U < 1.4$...
T4	$1.4 < U < 2$...
T5	No requirement	worst

Filter Bank Leakage

Filter Efficiency	G1-4	F5	F6	F7	F8
Leak% at -400Pa	NA	6	4	2	1

INFORMATION CURRENT AS OF JULY 2007