

TECHNICAL DATA



COOL ROOM PANELS - R VALUES

Material	Thickness	Air Gaps Surface 1	Air Gaps Surface 2	K Value	R Value
Outside Air Film		Unreflective and Ventilated			0.04
Metal Skin	0.6				
PIR Core		50		0.0201	2.48
Metal Skin	0.6				
Inside Air Film		Unreflective and Unventilated			0.12
					2.64

Material	Thickness	Air Gaps Surface 1	Air Gaps Surface 2	K Value	R Value
Outside Air Film		Unreflective and Ventilated			0.04
Metal Skin	0.6				
PIR Core		75		0.0201	3.73
Metal Skin	0.6				
Inside Air Film		Unreflective and Unventilated			0.12
					3.89

Material	Thickness	Air Gaps Surface 1	Air Gaps Surface 2	K Value	R Value
Outside Air Film		Unreflective and Ventilated			0.04
Metal Skin	0.6				
PIR Core		100		0.0201	4.9
Metal Skin	0.6				
Inside Air Film		Unreflective and Unventilated			0.12
					5.06

Material	Thickness	Air Gaps Surface 1	Air Gaps Surface 2	K Value	R Value
Outside Air Film		Unreflective and Ventilated			0.04
Metal Skin	0.6				
PIR Core		150		0.0201	7.46
Metal Skin	0.6				
Inside Air Film		Unreflective and Unventilated			0.12
					7.62

Material	Thickness	Air Gaps Surface 1	Air Gaps Surface 2	K Value	R Value
Outside Air Film		Unreflective and Ventilated			0.04
Metal Skin	0.6				
PIR Core		200		0.0201	9.95
Metal Skin	0.6				
Inside Air Film		Unreflective and Unventilated			0.12
					10.11