

**TABLE 2.4 Thermal Resistance of Air Spaces  
(hr·ft<sup>2</sup> °F/Btu)**

Position of Airspace	Direction of Heat Flow	Thickness of Airspace, in.			
		0.5	0.75	1.5	3.5
Horizontal	Up	0.91	0.93	0.97	1.03
45° Slope	Up	1.02	1.00	1.04	1.06
Vertical	Horizontal	1.13	1.18	1.12	1.14
45° Slope	Down	1.15	1.26	1.27	1.27
Horizontal	Down	1.15	1.30	1.49	1.62

Values are listed for 0° mean temperature, 20° temperature difference.

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