

**TABLE 2.5 Surface Conductances (Btu/hr ft<sup>2</sup> °F) and Resistance (hr ft<sup>2</sup> °F/Btu) for Air**

Position of Surface	Direction of Heat Flow	Surface Emittance	
		Nonreflective	
		h	R
<b>Still Air</b>			
Horizontal.....	Upward	1.63	0.61
Sloping—45°	Upward	1.60	0.62
Vertical.....	Horizontal	1.46	0.68
Sloping—45°	Downward	1.32	0.76
Horizontal.....	Downward	1.08	0.92
<b>Moving Air</b>		h	R
(Any position)			
15 mph wind (for winter)	Any	6.00	0.17
7.5 mph wind (for summer)	Any	4.00	0.25

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