

Window Performance

Visible Light Transmittance describes how much natural light the window transmits. Bigger is better

Solar Heat Gain Co-Efficient describes how much radiant heat transfers through the window.

R-Value describes how well the window resists conductive heat transfer, bigger is better.

U-value is the mathematical inverse of R-Value, how much conductive heat flows through the window, lower is better.

Air infiltration is key to reducing drafts and lowering energy bills. The more air-tight the window (and the lower the number), the better.

Multiple panes of glass or film have the biggest single impact on the insulating value of a window.

Inert gases like argon, krypton, and xenon are used to increase the overall insulating value of the window.

Spacers indicate the type of material used to separate the layers of glazing, reducing heat transfer.

Brand	Series	U-Value	R-Value	SHGC	VLT	Air Inf	Glazing	Gas Fill	Spacers	Made In	Contact
Alpen High Performance Products	525 series, low gain	0.21	4.8	0.21	0.37	<0.01	Dual+1	Argon	Steel	Colorado	Dealer: Energetechs, Missoula, 406-721-2741
	725 series, low gain	0.17	5.9	0.23	0.40	<0.01	Dual+1	Krypton	Steel	Colorado	Dealer: Energetechs, Missoula, 406-721-2741
	925 series, low gain	0.15	6.7	0.18	0.31	<0.01	Dual+2	Krypton	Steel	Colorado	Dealer: Energetechs, Missoula, 406-721-2741

www.alpenhpp.com

