

VistaLuxe® Collection WD LINE

Products with Triple Pane Glass and Solar Low-E that meet PHIUS verification in the specified climate zones.

DIVIDED LITES / GAS FILL	Flush Style					Accent Style					Elevation
	Casement (active & picture)	Awning	Direct Set	2-1/8" Inswing Door (active)	2-1/8" Inswing Door (stationary)	Casement (active & picture)	Awning	Direct Set	2-1/8" Inswing Door (active)	2-1/8" Inswing Door (stationary)	
Onelite with argon gas	MS	MS	3, MS	MS	MS	MS	MS	3, MS	-	MS	South Facing
	-	-	-	-	-	-	-	-	-	-	North, East, West Facing
PDL or GIA with argon gas	2E, MS	2E, MS	2E, 3, MS	MS	MS	2E, MS	2E, MS	2E, 3, MS	-	MS	South Facing
	2E, MS	2E, MS	2E, 3, MS	MS	MS	2E, MS	2E, MS	2E, 3, MS	-	MS*	North, East, West Facing

*Grille/bars greater than 1" only

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Onelite with argon gas	2E, MS	2E, MS	2E, 2W, 3, MS	MS	MS	2E, MS	2E, MS	2E, 3, MS	MS	MS	South Facing
	2E, MS	2E, MS	2E, 2W, 3, MS	MS	MS	2E, MS	2E, MS	2E, 3, MS	MS	MS	North, East, West Facing
PDL or GIA with argon gas	2E, MS	2E, MS	2E, 2W, 3, MS	MS	MS	2E, MS	2E, MS	2E, 3, MS	MS	MS	South Facing
	2E, MS	2E, MS	2E, 2W, 3, MS	MS	MS	2E, MS	2E, MS	2E, 3, MS	MS	MS*	North, East, West Facing

Onelite = No Lite Divisions

PDL = Performance Divided Lites (a.k.a. simulated divided lites)

GIA = Grilles-in-the-Airspace (a.k.a. bars-in-glass)

Climate Zones: 2E = 2 East; 2W = 2 West; 3 = 3; MN = Marine North; MS = Marine South

Meeting PHIUS criteria is dependent upon ordering and installing the product as specified, i.e., it must have the Low-E coatings, lite divisions, and other glass features specified. Successfully meeting the passive design goals is also dependent upon placement in the elevation as recommended by PHIUS. Plus, each product is verified for select geographic regions of the United States.

ASHRAE / IECC / DOE North American Climate Zone	Overall installed window U-value Btu / h.ft ² .F	Center-of-Glass U-value Btu / h.ft ² .F	SHGC South	SHGC - North, East, West
8	≤ 0.11	≤ 0.10	≥ 0.50	Any
7	≤ 0.12	≤ 0.11	≥ 0.50	Any
6	≤ 0.13	≤ 0.12	≥ 0.50	Any
5	≤ 0.14	≤ 0.13	≥ 0.50	Any
4	≤ 0.15	≤ 0.14	≥ 0.50	≤ 0.40
Marine North	≤ 0.16	≤ 0.15	≥ 0.50	≤ 0.40
Marine South	≤ 0.22	≤ 0.20	≤ 0.50	≤ 0.30
3	≤ 0.18	≤ 0.16	≤ 0.50	≤ 0.30
2 West	≤ 0.18	≤ 0.16	≤ 0.30	≤ 0.30
2 East	≤ 0.20	≤ 0.18	≤ 0.30	≤ 0.30

Ultra Series

Products with Triple Pane Glass and Solar Low-E that meet PHIUS verification in the specified climate zones.

LITE DIVISION / GAS FILL	Crank-Out XL Casement (active, picture, transom)	Crank-Out XL Awning	Beveled XL Direct Set	Majesta® Double Hung Studio & Transom	2-1/4" Inswing Door (active)	2-1/4" Inswing Door (stationary)	Elevation
Onelite with argon gas	MS	MS	3, MS	MS	-	MS	South Facing
	-	-	-	-	-	-	North, East, West Facing
PDL or GIA with argon gas	2E, MS	2E, MS	2E, 2W, 3, MS	MS	-	MS	South Facing
	2E, MS	2E, MS	2E, 2W, 3, MS	MS	-	MS	North, East, West Facing

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Onelite with argon gas	2E, MS	2E, MS	2E, 2W, 3, MS	2E, MS	MS	MS	South Facing
	2E, MS	2E, MS	2E, 2W, 3, MS	2E, MS	MS	MS	North, East, West Facing
PDL or GIA with argon gas	2E, MS	2E, MS	2E, 2W, 3, MS	2E, MS	MS	MS	South Facing
	2E, MS	2E, MS	2E, 2W, 3, MS	2E, MS	MS	MS	North, East, West Facing

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