

**VistaLuxe®  
Collection**
**Products with Triple Pane Glass, LoE<sup>2</sup>-270 and LoE-180 that meet PHIUS verification in the specified climate zones**
[Passive House in 90 seconds](#)

DIVIDED LITES / GAS FILL	Flush Style					Accent Plus 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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	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	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

**Ultra Series**
**Products with Triple Pane Glass, LoE<sup>2</sup>-270 and LoE-180 that meet PHIUS verification in the specified climate zones**

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

**Ultra Series**
**Products with Triple Pane Glass, LoE<sup>3</sup>-366 and LoE-180 that meet PHIUS verification in the specified climate zones**

LITE DIVISION / GAS FILL	EP Casement (active, picture, transom)	EP Awning	Ogee EP/ Beveled EP Direct Set	Majesta Double Hung Studio & Transom	Tilt Turn & matching Direct Set	2-1/4" Inswing Door (active)	2-1/4" Inswing Door (stationary)	Elevation
	Onelite with argon gas	2E, MS	2E, MS	2E, 2W, 3, MS	2E, MS	2E, MS	MS	
2E, MS		2E, MS	2E, 2W, 3, MS	2E, 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	2E, MS	MS	MS	South Facing
	2E, MS	2E, MS	2E, 2W, 3, MS	2E, MS	2E, 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 LoE 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.

**Teutonic® Series**

 Products with Triple Pane Glass, LoE<sup>2</sup>-270 and LoE-180 that meet PHIUS verification in the specified climate zones

LITE DIVISION / GAS FILL	Fixed Windows	Tilt-Slide Doors	Tilt-Turn Windows	Elevation
Onelite with argon gas	3, MS	MS	MS	South Facing
	-	-	-	North, East, West Facing
PDL or GIA with argon gas	2E, 2W, 3, MS	2E, MS	2E, MS	South Facing
	2E, 2W, 3, MS	2E, MS	2E, MS	North, East, West Facing

**Teutonic® Series**

 Products with Triple Pane Glass, LoE<sup>3</sup>-366 and LoE-180 that meet PHIUS verification in the specified climate zones

LITE DIVISION / GAS FILL	Fixed Windows	Tilt-Slide Doors	Tilt-Turn Windows	Elevation
Onelite with argon gas	2E, 2W, 3, MS	2E, MS	2E, MS	South Facing
	2E, 2W, 3, MS	2E, MS	2E, MS	North, East, West Facing
PDL or GIA with argon gas	2E, 2W, 3, MS	2E, MS	2E, MS	South Facing
	2E, 2W, 3, MS	2E, MS	2E, MS	North, East, West Facing

**Climate Zone Recommendation Criteria**

ASHRAE / IECC / DOE North American Climate Zone	Overall installed window U-value Btu/h.ft <sup>2</sup> .F	Center-of-Glass U-Value Btu/h.ft <sup>2</sup> .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

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**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 LoE 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.