

Technical Data

ENVIROSHIELD					
200 Single Hung					
GLASS TYPE	U-Factor	Condensation Resistance	Solar Heat Gain Coefficient	Visible Transmittance	DP Rating
Plus/Clr	0.34	53	0.34	0.58	40
Max/Clr	0.34	53	0.22	0.52	40
Plus/Clr with Argon	0.31	57	0.33	0.57	40
Max/Clr with Argon	0.31	57	0.22	0.52	40
Plus/030 Lami	0.38	50	0.33	0.56	40
Plus/060 Lami	0.38	50	0.33	0.56	40
Plus/090 Lami	0.38	50	0.33	0.55	50*
Max/030 Lami	0.38	50	0.23	0.50	40
Max/060 Lami	0.38	50	0.23	0.50	40
Max/090 Lami	0.38	50	0.23	0.50	50*
Plus/030 Lami with Argon	0.33	54	0.33	0.56	40
Plus/060 Lami with Argon	0.33	54	0.33	0.56	40
Plus/090 Lami with Argon	0.33	54	0.33	0.55	50*
Max/030 Lami with Argon	0.33	54	0.22	0.50	40
Max/060 Lami with Argon	0.33	54	0.22	0.50	40
Max/090 Lami with Argon	0.33	54	0.22	0.50	50*
ENVIROSHIELD					
800 Double Hung					
GLASS TYPE	U-Factor	Condensation Resistance	Solar Heat Gain Coefficient	Visible Transmittance	DP Rating
Plus/Clr	0.33	53	0.32	0.55	30
Max/Clr	0.33	53	0.22	0.50	30
Plus/Clr with Argon	0.30	56	0.32	0.56	30
Max/Clr with Argon	0.30	56	0.21	0.50	30
Plus/030 Lami	0.37	50	0.32	0.54	30
Plus/060 Lami	0.37	50	0.32	0.54	30
Plus/090 Lami	0.37	50	0.32	0.54	30
Max/030 Lami	0.37	50	0.22	0.49	30
Max/060 Lami	0.37	50	0.22	0.49	30
Max/090 Lami	0.37	50	0.22	0.48	30
Plus/030 Lami with Argon	0.32	54	0.32	0.54	30
Plus/060 Lami with Argon	0.32	54	0.32	0.54	30
Plus/090 Lami with Argon	0.32	54	0.32	0.54	30
Max/030 Lami with Argon	0.32	54	0.22	0.49	30
Max/060 Lami with Argon	0.32	54	0.22	0.49	30
Max/090 Lami with Argon	0.32	54	0.22	0.48	30

ENVIROSHIELD	200 Horizontal Slider				
GLASS TYPE	U-Factor	Condensation Resistance	Solar Heat Gain Coefficient	Visible Transmittance	DP Rating
Plus/Clr	0.34	54	0.32	0.55	55
Max/Clr	0.34	54	0.21	0.50	55
Plus/Clr with Argon	0.31	57	0.32	0.55	55
Max/Clr with Argon	0.31	57	0.21	0.50	55
Plus/030 Lami	0.38	50	0.32	0.54	40
Plus/060 Lami	0.38	50	0.32	0.53	40
Plus/090 Lami	0.38	50	0.32	0.53	50*
Max/030 Lami	0.38	50	0.22	0.48	40
Max/060 Lami	0.38	50	0.22	0.48	40
Max/090 Lami	0.38	50	0.22	0.48	50*
Plus/030 Lami with Argon	0.33	54	0.32	0.54	40
Plus/060 Lami with Argon	0.33	54	0.32	0.53	40
Plus/090 Lami with Argon	0.33	54	0.32	0.53	50*
Max/030 Lami with Argon	0.33	54	0.21	0.48	40
Max/060 Lami with Argon	0.33	54	0.21	0.48	40
Max/090 Lami with Argon	0.33	54	0.21	0.48	50*
ENVIROSHIELD	800 Double Slider				
GLASS TYPE	U-Factor	Condensation Resistance	Solar Heat Gain Coefficient	Visible Transmittance	DP Rating
Plus/Clr	0.33	54	0.32	0.56	-
Max/Clr	0.33	54	0.21	0.50	-
Plus/Clr with Argon	0.30	57	0.32	0.56	-
Max/Clr with Argon	0.30	57	0.21	0.50	-
Plus/030 Lami	0.37	50	0.32	0.54	-
Plus/060 Lami	0.37	50	0.32	0.54	-
Plus/090 Lami	0.37	50	0.32	0.53	-
Max/030 Lami	0.37	50	0.22	0.48	-
Max/060 Lami	0.37	50	0.22	0.48	-
Max/090 Lami	0.37	50	0.22	0.48	-
Plus/030 Lami with Argon	0.32	54	0.32	0.54	-
Plus/060 Lami with Argon	0.32	54	0.32	0.54	-
Plus/090 Lami with Argon	0.32	54	0.32	0.53	-
Max/030 Lami with Argon	0.32	54	0.21	0.48	-
Max/060 Lami with Argon	0.32	54	0.21	0.48	-
Max/090 Lami with Argon	0.32	54	0.21	0.48	-

ENVIROSHIELD	500 Casement				
GLASS TYPE	U-Factor	Condensation Resistance	Solar Heat Gain Coefficient	Visible Transmittance	DP Rating
Plus/Clr	0.31	56	0.28	0.48	-
Max/Clr	0.30	57	0.19	0.43	-
Plus/Clr with Argon	0.28	60	0.28	0.48	-
Max/Clr with Argon	0.27	60	0.18	0.43	-
Plus/030 Lami	0.34	52	0.28	0.46	-
Plus/060 Lami	0.34	52	0.28	0.46	-
Plus/090 Lami	0.34	52	0.28	0.46	60*
Max/030 Lami	0.34	52	0.28	0.46	-
Max/060 Lami	0.34	52	0.28	0.46	-
Max/090 Lami	0.34	52	0.28	0.46	60*
Plus/030 Lami with Argon	0.30	57	0.28	0.46	-
Plus/060 Lami with Argon	0.30	57	0.28	0.46	-
Plus/090 Lami with Argon	0.30	57	0.27	0.46	60*
Max/030 Lami with Argon	0.30	57	0.28	0.46	-
Max/060 Lami with Argon	0.30	57	0.28	0.46	-
Max/090 Lami with Argon	0.30	57	0.27	0.46	60*
ENVIROSHIELD	500 Casement Picture Window				
GLASS TYPE	U-Factor	Condensation Resistance	Solar Heat Gain Coefficient	Visible Transmittance	DP Rating
Plus/Clr	0.31	57	0.33	0.57	50
Max/Clr	0.31	57	0.22	0.51	50
Plus/Clr with Argon	0.28	61	0.33	0.57	50
Max/Clr with Argon	0.27	61	0.22	0.51	50
Plus/030 Lami	0.34	53	0.32	0.55	50
Plus/060 Lami	0.34	53	0.32	0.55	50
Plus/090 Lami	0.34	53	0.32	0.54	50*
Max/030 Lami	0.34	53	0.22	0.49	50
Max/060 Lami	0.34	53	0.22	0.49	50
Max/090 Lami	0.34	53	0.22	0.49	50*
Plus/030 Lami with Argon	0.30	57	0.32	0.55	50
Plus/060 Lami with Argon	0.30	57	0.32	0.55	50
Plus/090 Lami with Argon	0.30	57	0.32	0.54	50*
Max/030 Lami with Argon	0.29	58	0.22	0.49	50
Max/060 Lami with Argon	0.29	58	0.22	0.49	50
Max/090 Lami with Argon	0.29	58	0.22	0.49	50*

ENVIROSHIELD	700 Casement				
GLASS TYPE	U-Factor	Condensation Resistance	Solar Heat Gain Coefficient	Visible Transmittance	DP Rating
Plus/Clr	0.31	58	0.30	0.52	-
Max/Clr	0.31	58	0.20	0.46	-
Plus/Clr with Argon	0.28	61	0.30	0.52	-
Max/Clr with Argon	0.28	61	0.20	0.46	-
ENVIROSHIELD	700 Awning Casement				
GLASS TYPE	U-Factor	Condensation Resistance	Solar Heat Gain Coefficient	Visible Transmittance	DP Rating
Plus/Clr	0.31	56	0.30	0.52	-
Max/Clr	0.31	56	0.20	0.46	-
Plus/Clr with Argon	0.28	60	0.30	0.52	-
Max/Clr with Argon	0.28	60	0.20	0.46	-

ENVIROSHIELD	200 Picture Window				
GLASS TYPE	U-Factor	Condensation Resistance	Solar Heat Gain Coefficient	Visible Transmittance	DP Rating
Plus/Clr	0.33	55	0.35	0.60	55
Max/Clr	0.33	55	0.24	0.54	55
Plus/Clr with Argon	0.29	59	0.35	0.60	55
Max/Clr with Argon	0.29	59	0.23	0.54	55
Plus/030 Lami	0.37	52	0.35	0.59	55
Plus/060 Lami	0.37	52	0.35	0.59	55
Plus/090 Lami	0.37	52	0.35	0.58	60*
Max/030 Lami	0.37	52	0.24	0.53	55
Max/060 Lami	0.37	52	0.24	0.53	55
Max/090 Lami	0.37	52	0.24	0.52	60*
Plus/030 Lami with Argon	0.32	56	0.35	0.59	55
Plus/060 Lami with Argon	0.32	56	0.35	0.59	55
Plus/090 Lami with Argon	0.32	56	0.35	0.58	60*
Max/030 Lami with Argon	0.32	56	0.24	0.53	55
Max/060 Lami with Argon	0.32	56	0.24	0.53	55
Max/090 Lami with Argon	0.32	56	0.23	0.52	60*
ENVIROSHIELD	715 Picture Window				
GLASS TYPE	U-Factor	Condensation Resistance	Solar Heat Gain Coefficient	Visible Transmittance	DP Rating
Plus/Clr	0.31	55	0.34	0.58	55
Max/Clr	0.31	55	0.23	0.52	55
Plus/Clr with Argon	0.27	58	0.34	0.58	55
Max/Clr with Argon	0.27	58	0.22	0.52	55

ENVIROSHIELD	5400 Patio Door				
GLASS TYPE	U-Factor	Condensation Resistance	Solar Heat Gain Coefficient	Visible Transmittance	DP Rating
Plus/Clr	0.36	53	0.31	0.53	50
Max/Clr	0.36	53	0.21	0.47	50
Plus/Clr with Argon	0.33	53	0.31	0.53	50
Max/Clr with Argon	0.33	53	0.20	0.47	50
Plus/030 Lami	0.35	53	0.31	0.51	50
Plus/060 Lami	0.35	53	0.30	0.51	50
Plus/090 Lami	0.35	53	0.30	0.51	50*
Max/030 Lami	0.35	53	0.21	0.46	50
Max/060 Lami	0.35	53	0.20	0.46	50
Max/090 Lami	0.35	53	0.20	0.46	50*
Plus/030 Lami with Argon	0.32	54	0.30	0.51	50
Plus/060 Lami with Argon	0.32	54	0.30	0.51	50
Plus/090 Lami with Argon	0.32	54	0.30	0.51	50*
Max/030 Lami with Argon	0.32	54	0.20	0.46	50
Max/060 Lami with Argon	0.32	54	0.20	0.46	50
Max/090 Lami with Argon	0.32	54	0.20	0.46	50*

 Meets Tax Credit Requirements

* means impact rated

higher CR and VT the better

Lower U-factor and SHGC the better

030 Lami is our Sound Protector

060 Lami is our Intruder Protector

090 Lami is our Storm protector (although only the asterisks are impact tested)