

TEST REPORT FOR EAGON WINDOWS & DOORS CO., LTD.

Report No: L0102.01-116-45 R0

Date: 05/22/20

SECTION 6

SIMULATION RESULTS

TOTAL PRODUCT CALCULATIONS (EWS 75 TT FIX)												
Option Number	Pane Thickness 1 (in)	Gap Width 1 (in)	Pane Thickness 2 (in)	Gap Width 2 (in)	Pane Thickness 3 (in)	Gap Width 3 (in)	Pane Thickness 4 (in)	Gap Fill	Low-e (Surface #)	Tint	Spacer	Grid Type
	U-Factor (Btu/Hr-Ft ² -F)			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)		Condensation Resistance (CR)		
1	EWS 75 TT FIX: E366 / arg90 / i89 (6mm/6mm) - 25mm IG											
	0.224	0.500	0.223					ARG90	0.020(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.23			SHGC (N) 0.24				VT (N) 0.54		CR 50		
2	EWS 75 TT FIX: E270 / arg90 / i89 (6mm/6mm) - 25mm IG											
	0.224	0.500	0.223					ARG90	0.035(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.24			SHGC (N) 0.31				VT (N) 0.58		CR 50		
3	EWS 75 TT FIX: E180 / arg90 / i89 (6mm/6mm) - 25mm IG											
	0.223	0.500	0.223					ARG90	0.068(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.24			SHGC (N) 0.51				VT (N) 0.66		CR 49		
4	EWS 75 TT FIX: E366 / air / i89 (6mm/6mm) - 25mm IG											
	0.224	0.500	0.223					AIR	0.020(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.26			SHGC (N) 0.24				VT (N) 0.54		CR 46		
5	EWS 75 TT FIX: E270 / air / i89 (6mm/6mm) - 25mm IG											
	0.224	0.500	0.223					AIR	0.035(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.26			SHGC (N) 0.31				VT (N) 0.58		CR 46		
6	EWS 75 TT FIX: E366 / arg90 / clr (6mm/6mm) - 25mm IG											
	0.224	0.500	0.224					ARG90	0.020(#2)	CL	SS-D	N
	U-Factor 0.27			SHGC (N) 0.24				VT (N) 0.55		CR 63		
7	EWS 75 TT FIX: E272 / arg90 / clr (6mm/6mm) - 25mm IG											
	0.224	0.500	0.224					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.28			SHGC (N) 0.35				VT (N) 0.61		CR 62		
8	EWS 75 TT FIX: SB60 / arg90 / clr (6mm/6mm) - 25mm IG											
	0.223	0.500	0.223					ARG90	0.035(#2)	CL	TS-D	N
	U-Factor 0.29			SHGC (N) 0.34				VT (N) 0.62		CR 61		
9	EWS 75 TT FIX: SB70 / arg90 / clr (6mm/6mm) - 25mm IG											
	0.223	0.500	0.223					ARG90	0.018(#2)	CL	TS-D	N
	U-Factor 0.28			SHGC (N) 0.24				VT (N) 0.56		CR 61		
10	EWS 75 TT FIX: E272 / air / clr / air / E180 (6mm/6mm/6mm) - 44mm IG											
	0.224	0.500	0.224	0.500	0.223			AIR	0.042(#2) / 0.068(#5)	CL	SS-D	N
	U-Factor 0.20			SHGC (N) 0.31				VT (N) 0.53		CR 71		

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SECTION 6 (Continued)

SIMULATION RESULTS

TOTAL PRODUCT CALCULATIONS (EWS 75 TT FIX)												
Option Number	Pane Thickness 1 (in)	Gap Width 1 (in)	Pane Thickness 2 (in)	Gap Width 2 (in)	Pane Thickness 3 (in)	Gap Width 3 (in)	Pane Thickness 4 (in)	Gap Fill	Low-e (Surface #)	Tint	Spacer	Grid Type
	U-Factor (Btu/Hr-Ft ² -F)			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)		Condensation Resistance (CR)		
11	EWS 75 TT FIX: E366 / arg90 / clr / arg90 / i89 (6mm/6mm/6mm) - 44mm IG											
	0.224	0.500	0.224	0.500	0.223			ARG90	0.020(#2) / 0.149(#6)	CL	SS-D	N
	U-Factor 0.18			SHGC (N) 0.22				VT (N) 0.48		CR 59		
12	EWS 75 TT FIX: SNX 62/27 / arg90 / clr (6mm/6mm) - 25mm IG											
	0.221	0.500	0.221					ARG90	0.020(#2)	CL	ZF-S	N
	U-Factor 0.27			SHGC (N) 0.23				VT (N) 0.54		CR 64		
13	EWS 75 TT FIX: SNX 62/27 / air / clr (6mm/6mm) - 25mm IG											
	0.221	0.500	0.221					AIR	0.020(#2)	CL	ZF-S	N
	U-Factor 0.31			SHGC (N) 0.24				VT (N) 0.54		CR 60		
14	EWS 75 TT FIX: SN68 / arg90 / clr (6mm/6mm) - 25mm IG											
	0.221	0.500	0.221					ARG90	0.039(#2)	CL	ZF-S	N
	U-Factor 0.28			SHGC (N) 0.33				VT (N) 0.59		CR 63		
15	EWS 75 TT FIX: SNX 62/27 / arg90 / IS-20 (6mm/6mm) - 25mm IG											
	0.221	0.500	0.221					ARG90	0.020(#2) / 0.198(#4)	CL	ZF-S	N
	U-Factor 0.23			SHGC (N) 0.23				VT (N) 0.52		CR 52		
16	EWS 75 TT FIX: SN68 / arg90 / IS-20 (6mm/6mm) - 25mm IG											
	0.221	0.500	0.221					ARG90	0.039(#2) / 0.198(#4)	CL	ZF-S	N
	U-Factor 0.24			SHGC (N) 0.32				VT (N) 0.58		CR 52		
17	EWS 75 TT FIX: SNX 51/23 / air / clr (6mm/6mm) - 25mm IG											
	0.221	0.500	0.221					AIR	0.021(#2)	CL	A1-D	N
	U-Factor 0.34			SHGC (N) 0.21				VT (N) 0.45		CR 53		
18	EWS 75 TT FIX: SNX 51/23 / arg90 / clr (6mm/6mm) - 25mm IG											
	0.221	0.500	0.221					ARG90	0.021(#2)	CL	A1-D	N
	U-Factor 0.30			SHGC (N) 0.20				VT (N) 0.45		CR 55		
19	EWS 75 TT FIX: SNX 51/23 / air / IS-20 (6mm/6mm) - 25mm IG											
	0.221	0.500	0.221					AIR	0.021(#2) / 0.198(#4)	CL	A1-D	N
	U-Factor 0.29			SHGC (N) 0.20				VT (N) 0.43		CR 42		
20	EWS 75 TT FIX: SNX 51/23 / arg90 / IS-20 (6mm/6mm) - 25mm IG											
	0.221	0.500	0.221					ARG90	0.021(#2) / 0.198(#4)	CL	A1-D	N
	U-Factor 0.26			SHGC (N) 0.19				VT (N) 0.43		CR 44		