

500 Series DHT

NFRC (USA) U-VALUE, SHGC, VT VALUE

Report # NTCL-110-14166-01b



**ENERGY STAR
PARTNER**



National Fenestration
Rating Council

	Total Product U-Value	Total Product SHGC	Total Product VT
Double glaze, 1 Low E (LOF), Air, S/S Surface # 2	0.37	0.46	0.53
Double glaze, 1 Low E (LOF), Krp, S/S Surface # 2	0.33	0.46	0.53
Double glaze, SC75, Air, A/S	0.34	0.26	0.44
Double glaze TC88, 2 Krp, A/S	0.25	0.37	0.46
Double glaze, 1 Low E (180), Arg, S/S Surface # 2	0.32	0.46	0.55
Double glaze, 1 Low E (272), Arg, S/S Surface # 2	0.32	0.29	0.50
Double glaze, 1 Low E (366), Air, S/S Surface # 2	0.34	0.20	0.45
Double glaze, 1 Low E (366), Arg, S/S Surface # 2	0.31	0.20	0.45
Double glaze, 2 Low E (180+i81), Arg, S/S Surface # 2 & 4	0.28	0.42	0.50
Double glaze, 1 Low E (180), Air, S/S Surface # 2	0.35	0.46	0.55
Double glaze, 1 Low E (272), Air, S/S Surface # 2	0.35	0.30	0.50
Triple glaze, 1 Low E (180), Arg, S/S Surface # 2	0.32	0.42	0.51
Triple glaze, 2 Low E (180), Arg, S/S Surface # 2 & 5	0.28	0.40	0.49
Triple glaze, 2 Low E (272), Arg, S/S Surface # 2 & 5	0.28	0.25	0.40
Triple glaze, 1 Low E (180), Air, S/S Surface # 5	0.35	0.44	0.51
Triple glaze, 2 Low E (272), Air, S/S Surface # 2 & 5	0.31	0.25	0.40
Triple glaze, 2 Low E (272), Krp, S/S Surface # 2 & 5	0.23	0.25	0.40
Triple glaze, 1 Low E (LOF), 2 Arg, S/S Surface # 2	0.32	0.42	0.48
Triple glaze, 1 Low E (LOF), 2 Krp, S/S Surface # 5	0.28	0.45	0.48
Triple glaze, 1 Low E (LOF), 2 Air, S/S Surface # 5	0.35	0.45	0.48
Triple glaze, 2 Low E (LOF), 2 Arg, S/S Surface # 2 & 5	0.29	0.43	0.46



500 Series DHT - C30

ANSI/AAMA/NWDA 101/I.S.2-97

Air infiltration (test pressure = 1.57 psf)		air leakage 0.01 cfm/ft.2
Water Resistance (test pressure =4.5 psf)	DP30	no leakage observed @ 4.50 psf
Uniform Load Structure (test pressure = +45.0 psf to -45.0 psf)	DP30	Residual deflection .019 in. and .021 in.
Forced Entry Resistance		Pass - grade 10



TESTED