



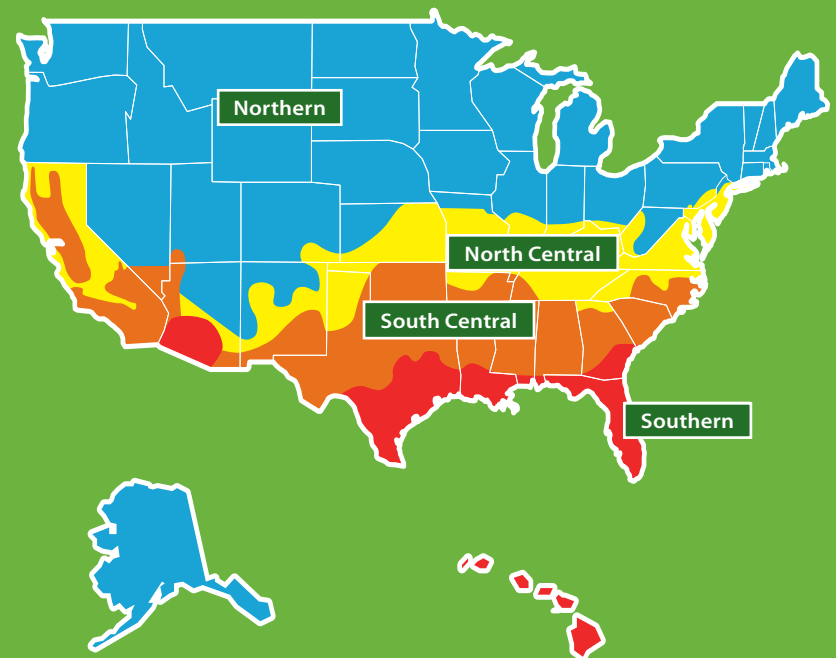
2010 Revised ENERGY STAR Criteria

Envirosealed Windows™ with Duralite®

Envirosealed Windows, made with Duralite spacers, Generic Hollow PVC Frame when compared to other Warm Edge spacers, meet or exceed ENERGY STAR Phase 1 revised draft criteria for 2010 - Northern Zone. Do not settle for less than the best.

	3/4" Doubles with Argon, Generic Hollow PVC Frame and Duralite						
	Glass A	Glass B	Glass C	Glass D	Glass E	Glass F	Glass G
Emissivity	0.018	0.022	0.024	0.034	0.042	0.159	Clear Float
SHGC	0.220	0.220	0.221	0.378	0.339	0.591	0.640
Duralite®	0.293	0.294	0.295	0.299	0.301	0.334	0.455
Foam Spacer	0.301	0.302	0.302	0.305	0.308	0.341	0.460
Duraseal®	0.308	0.309	0.309	0.312	0.315	0.348	0.467
Steel U-Channel Spacer	0.316	0.317	0.317	0.320	0.323	0.356	0.473
Aluminum Spacerbar	0.332	0.334	0.334	0.340	0.339	0.374	0.485

■ Below 2010 Revised Energy Star Phase 1 Criteria
 ■ Meets 2010 Revised Energy Star Phase 1 Criteria



ENERGY STAR Zones	2010 Minimum Requirements			
	ENERGY STAR Phase 1 rev March 2009		ARRA Tax Credit	
	U-value	SHGC	U-value	SHGC
Northern	0.30	NR	<=0.30	<=0.30
	0.31	=>0.35	<=0.30	<=0.30
	0.32	=>0.40	<=0.30	<=0.30
North Central	<=0.32	<=0.40	<=0.30	<=0.30
South Central	<=0.35	<=0.30	<=0.30	<=0.30
Southern	<=0.60	<=0.27	<=0.30	<=0.30

Simulations were performed by Enermodal Engineering Limited using Windows 5.2 and Therm 5.2 as per NFRC 100. This example is a generic PVC hollow frame window modeled with a 3/4" OAT IGU with argon gas fill at 90% and low e on surface #2 or #3. Energy Star Phase 1 criteria is taken from Windows, Doors, and Skylights, Revised Draft Criteria and Report published March 11, 2009