

NFRC 901 vs. ISO 18292

NFRC 901	ISO 18292
Hourly simulation	Choice of hourly, monthly, or seasonal calculation.
User-specific and reference home characteristics and variables defined	House characteristics specified by nationality
TMY2 weather data	Weather data specified by nationality
U, SHGC from ISO 15099	U, SHGC from ISO 15099 or ISO 10077/ISO 13790
Air leakage from NFRC 400, NAFS, or default.	Air leakage from EN 1026 or ISO 6613
Heating and cooling results reported separately	Heating and cooling results reported separately. Nationality may choose to allow combined total.
Annual energy, peak energy, energy cost (optional) reported	Annual energy reported

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Window orientation is either user-specified, or 40/10/40/10% calculated both north/south and east/west.	Window orientation may be user-specific, equally distributed on 4 sides, or as specified by nationality
Surrounding shading not included in reference home. Can be included in list of options for user-specific home.	Surrounding shading may be included, as specified by nationality.
Natural ventilation – calculated both with and without.	Natural ventilation may be included using ISO 13790.

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Exterior shading devices allowed in user-specific home, but not included in reference home.	Exterior shading devices allowed using ISO 13363
Interior shading devices includes one reference blind in reference home; other types may be included in user-specific home.	Interior shading devices allowed using ISO 13363
No daylight potential calculation.	Daylight potential can be calculated, but not part of energy calculation.
Dynamic glazing included.	Dynamic glazing may be included.