

State	Residential	Commercial
Alabama	IECC 2015 with amendments	ASHRAE Standard 90.1-2013
Alaska	None statewide	None statewide
Arizona	Home rule	Home rule
Arkansas	IECC 2009 with amendments	2009 IECC and ASHRAE Standard 90.1-2007
California	2019 Building Efficiency Standards	2022 Building Energy Efficiency Standards
Colorado	Home rule	Home rule
Connecticut	IECC 2021 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
Delaware	IECC 2018	2018 IECC and ASHRAE Standard 90.1-2016
District of Columbia	IECC 2015 with amendments	ASHRAE Standard 90.1-2013
Florida	IECC 2021 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
Georgia	IECC 2015 with amendments	2015 IECC and ASHRAE Standard 90.1-2013
Hawaii	IECC 2018 with amendments	2018 IECC and ASHRAE Standard 90.1-2016
Idaho	IECC 2018 with amendments	2018 IECC and ASHRAE Standard 90.1-2016
Illinois	IECC 2021 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
Indiana	IECC 2018 with amendments	ASHRAE Standard 90.1-2007
Iowa	IECC 2012 with amendments	2012 IECC and ASHRAE Standard 90.1-2010
Kansas	Home rule	Home rule
Kentucky	IECC 2009	2012 IECC and ASHRAE Standard 90.1-2010
Louisiana	IECC 2021 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
Maine	IECC 2015 with amendments	2015 IECC and ASHRAE Standard 90.1-2013
Maryland	IECC 2021 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
Massachusetts	IECC 2021 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
Michigan	IECC 2015 with amendments	2015 IECC and ASHRAE Standard 90.1-2013
Minnesota	IECC 2012 with amendments	ASHRAE Standard 90.1-2019
Mississippi	None statewide	None statewide
Missouri	Home rule	Home rule
Montana	IECC 2021 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
Nebraska	IECC 2018	2018 IECC and ASHRAE Standard 90.1-2016
Nevada	IECC 2018 with amendments	2018 IECC and ASHRAE Standard 90.1-2016
New Hampshire	IECC 2018	2018 IECC and ASHRAE Standard 90.1-2016
New Jersey	IECC 2021	ASHRAE Standard 90.1-2019
New Mexico	IECC 2021 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
New York	IECC 2018	2018 IECC and ASHRAE Standard 90.1-2016
North Carolina	IECC 2015 with amendments	2015 IECC and ASHRAE Standard 90.1-2013
North Dakota	Home rule	Home rule
Ohio	IECC 2018 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
Oklahoma	IECC 2018 with amendments	2006 IECC and ASHRAE Standard 90.1-2004
Oregon	2023 Oregon Residential Specialty Code	ASHRAE Standard 90.1-2019
Pennsylvania	IECC 2018 with amendments	2018 IECC and ASHRAE Standard 90.1-2016
Rhode Island	IECC 2018 with amendments	2018 IECC and ASHRAE Standard 90.1-2016
South Carolina	IECC 2009	2009 IECC and ASHRAE Standard 90.1-2007
South Dakota	Home rule	Home rule
Tennessee	IECC 2018 with amendments	2012 IECC and ASHRAE Standard 90.1-2010
Texas	IECC 2015	2015 IECC and ASHRAE Standard 90.1-2013
Utah	IECC 2021 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
Vermont	IECC 2021 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
Virginia	IECC 2021 with amendments	2021 IECC and ASHRAE Standard 90.1-2019
Washington	2021 Washington State Energy Code	2021 Washington State Energy Code
West Virginia	IECC 2015 with amendments	ASHRAE Standard 90.1-2013
Wisconsin	IECC 2009 with amendments	2015 IECC and ASHRAE Standard 90.1-2013
Wyoming	Home rule	Home rule

Notes:

home rule state is one where codes are adopted and enforced at the local level. Some home rule states will have a mandate that jurisdictions can go above code but also have to meet a certain minimum code.

In general terms, the ideal of home rule is defined as the ability of a local government to act and make policy in all areas that have not been designated to be of statewide interest through general law,

state constitutional provisions, or initiatives and referenda.

Climate Zone	IECC 2006 for Residential Windows		IECC 2006 for Commercial Windows		
	Maximum U-Value (Btu/hr-ft ² -F)	Maximum U-Value (W/(m ² -K))	Fixed Windows	Operable Windows	Skylights
1 & 2 (Hot)	0.6	3.42	0.60 (3.42 W/m ² -K)	0.75 (4.26 W/m ² -K)	0.80 (4.55 W/m ² -K)
3	0.5	2.84	0.50 (2.84 W/m ² -K)	0.60 (3.42 W/m ² -K)	0.75 (4.26 W/m ² -K)
4 & 5	0.4	2.27	0.40 (2.27 W/m ² -K)	0.50 (2.84 W/m ² -K)	0.65 (3.69 W/m ² -K)
6	0.35	1.99	0.35 (1.99 W/m ² -K)	0.45 (2.56 W/m ² -K)	0.60 (3.42 W/m ² -K)
7 & 8 (Cold)	0.3	1.7	0.30 (1.70 W/m ² -K)	0.40 (2.27 W/m ² -K)	0.55 (3.12 W/m ² -K)

Climate Zone	IECC 2009 for Residential Windows		IECC 2009 for Commercial Windows		
	Maximum U-Value (Btu/hr-ft ² -F)	Maximum U-Value (W/(m ² -K))	Fixed Windows	Operable Windows	Skylights
1 & 2 (Hot)	1.2	6.81	1.20 (6.81 W/m ² -K)	1.20 (6.81 W/m ² -K)	0.75 (4.26 W/m ² -K)
3	0.75	4.26	0.75 (4.26 W/m ² -K)	0.75 (4.26 W/m ² -K)	0.75 (4.26 W/m ² -K)
4	0.4	2.27	0.40 (2.27 W/m ² -K)	0.55 (3.12 W/m ² -K)	0.65 (3.69 W/m ² -K)
5	0.35	1.99	0.38 (2.16 W/m ² -K)	0.45 (2.56 W/m ² -K)	0.55 (3.12 W/m ² -K)
6	0.35	1.99	0.36 (2.04 W/m ² -K)	0.40 (2.27 W/m ² -K)	0.55 (3.12 W/m ² -K)
7 & 8 (Cold)	0.32	1.82	0.36 (2.04 W/m ² -K)	0.40 (2.27 W/m ² -K)	0.55 (3.12 W/m ² -K)

Climate Zone	IECC 2012 for Residential Windows		IECC 2012 for Commercial Windows		
	Maximum U-Value (Btu/hr-ft ² -F)	Maximum U-Value (W/(m ² -K))	Fixed Windows	Operable Windows	Skylights
1 & 2 (Hot)	0.4	2.27	0.36 (2.04 W/m ² -K)	0.45 (2.56 W/m ² -K)	0.65 (3.69 W/m ² -K)
3	0.32	1.82	0.32 (1.82 W/m ² -K)	0.40 (2.27 W/m ² -K)	0.55 (3.12 W/m ² -K)
4 & 5	0.3	1.7	0.30 (1.70 W/m ² -K)	0.38 (2.16 W/m ² -K)	0.50 (2.84 W/m ² -K)
6	0.28	1.59	0.28 (1.59 W/m ² -K)	0.36 (2.04 W/m ² -K)	0.50 (2.84 W/m ² -K)
7 & 8 (Cold)	0.26	1.48	0.26 (1.48 W/m ² -K)	0.32 (1.82 W/m ² -K)	0.45 (2.56 W/m ² -K)

Climate Zone	IECC 2015 for Residential Windows		IECC 2015 for Commercial Windows		
	Maximum U-Value (Btu/hr-ft ² -F)	Maximum U-Value (W/(m ² -K))	Fixed Windows	Operable Windows	Skylights
1 & 2 (Hot)	0.5	2.84	0.50 (2.84 W/m ² -K)	0.65 (3.69 W/m ² -K)	0.75 (4.26 W/m ² -K)
3	0.35	1.99	0.38 (2.16 W/m ² -K)	0.45 (2.56 W/m ² -K)	0.65 (3.69 W/m ² -K)
4 & 5	0.32	1.82	0.32 (1.82 W/m ² -K)	0.45 (2.56 W/m ² -K)	0.55 (3.12 W/m ² -K)
6	0.32	1.82	0.36 (2.04 W/m ² -K)	0.40 (2.27 W/m ² -K)	0.55 (3.12 W/m ² -K)
7 & 8 (Cold)	0.3	1.7	0.36 (2.04 W/m ² -K)	0.40 (2.27 W/m ² -K)	0.55 (3.12 W/m ² -K)

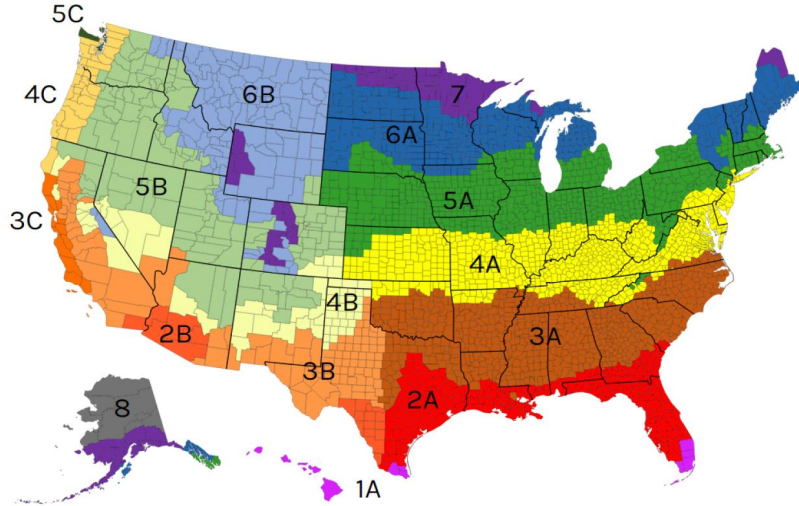
Climate Zone	IECC 2018 for Residential Windows		IECC 2018 for Commercial Windows		
	Maximum U-Value (Btu/hr-ft ² -F)	Maximum U-Value (W/(m ² -K))	Fixed Windows	Operable Windows	Skylights
1 & 2 (Hot)	0.4	2.27	0.36 (2.04 W/m ² -K)	0.45 (2.56 W/m ² -K)	0.65 (3.69 W/m ² -K)
3	0.32	1.82	0.32 (1.82 W/m ² -K)	0.40 (2.27 W/m ² -K)	0.55 (3.12 W/m ² -K)
4 & 5	0.3	1.7	0.30 (1.70 W/m ² -K)	0.38 (2.16 W/m ² -K)	0.50 (2.84 W/m ² -K)
6	0.28	1.59	0.28 (1.59 W/m ² -K)	0.36 (2.04 W/m ² -K)	0.50 (2.84 W/m ² -K)
7 & 8 (Cold)	0.26	1.48	0.26 (1.48 W/m ² -K)	0.32 (1.82 W/m ² -K)	0.45 (2.56 W/m ² -K)

Climate Zone	IECC 2021 for Residential Windows		IECC 2021 for Commercial Windows		
	Maximum U-Value (Btu/hr-ft ² -F)	Maximum U-Value (W/(m ² -K))	Fixed Windows	Operable Windows	Skylights
1 & 2 (Hot)	0.4	2.27	0.36 (2.04 W/m ² -K)	0.45 (2.56 W/m ² -K)	0.65 (3.69 W/m ² -K)
3	0.32	1.82	0.32 (1.82 W/m ² -K)	0.40 (2.27 W/m ² -K)	0.55 (3.12 W/m ² -K)
4 & 5	0.3	1.7	0.30 (1.70 W/m ² -K)	0.38 (2.16 W/m ² -K)	0.50 (2.84 W/m ² -K)

Building Energy Code Program

2025.April Update

Resources: <https://www.enrccodes.gov>



6	0.28	1.59	0.28 (1.59 W/m²·K)	0.36 (2.04 W/m²·K)	0.50 (2.84 W/m²·K)
7 & 8 (Cold)	0.26	1.48	0.26 (1.48 W/m²·K)	0.32 (1.82 W/m²·K)	0.45 (2.56 W/m²·K)

90.1-2004 for Commercial Windows				
Climate Zone	Fixed Windows	Operable Windows	Skylights	
1 & 2	0.65 (3.69 W/m²·K)	0.80 (4.55 W/m²·K)	0.80 (5.11 W/m²·K)	
3	0.55 (3.12 W/m²·K)	0.70 (3.98 W/m²·K)	0.85 (4.83 W/m²·K)	
4	0.45 (2.55 W/m²·K)	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)	
5	0.40 (2.27 W/m²·K)	0.50 (2.84 W/m²·K)	0.65 (3.69 W/m²·K)	
6	0.35 (1.99 W/m²·K)	0.45 (2.56 W/m²·K)	0.60 (3.42 W/m²·K)	
7 & 8	0.30 (1.70 W/m²·K)	0.40 (2.27 W/m²·K)	0.55 (3.12 W/m²·K)	

90.1-2007 for Commercial Windows				
Climate Zone	Fixed Windows	Operable Windows	Skylights	
1 & 2	1.20 (6.81 W/m²·K)	1.20 (6.81 W/m²·K)	0.75 (4.26 W/m²·K)	
3	0.75 (4.26 W/m²·K)	0.75 (4.26 W/m²·K)	0.75 (4.26 W/m²·K)	
4	0.65 (3.69 W/m²·K)	0.65 (3.69 W/m²·K)	0.65 (3.69 W/m²·K)	
5	0.55 (3.12 W/m²·K)	0.55 (3.12 W/m²·K)	0.55 (3.12 W/m²·K)	
6	0.45 (2.56 W/m²·K)	0.45 (2.56 W/m²·K)	0.45 (2.56 W/m²·K)	
7 & 8	0.40 (2.27 W/m²·K)	0.40 (2.27 W/m²·K)	0.55 (3.12 W/m²·K)	

90.1-2010 for Commercial Windows				
Climate Zone	Fixed Windows	Operable Windows	Skylights	
1 & 2	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)	0.80 (4.55 W/m²·K)	
3	0.50 (2.84 W/m²·K)	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)	
4	0.40 (2.27 W/m²·K)	0.50 (2.84 W/m²·K)	0.65 (3.69 W/m²·K)	
5	0.35 (1.99 W/m²·K)	0.45 (2.56 W/m²·K)	0.60 (3.42 W/m²·K)	
6	0.30 (1.70 W/m²·K)	0.40 (2.27 W/m²·K)	0.60 (3.42 W/m²·K)	
7 & 8	0.30 (1.70 W/m²·K)	0.40 (2.27 W/m²·K)	0.60 (3.42 W/m²·K)	

90.1-2013 for Commercial Windows				
Climate Zone	Fixed Windows	Operable Windows	Skylights	
1 & 2	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)	0.80 (4.55 W/m²·K)	
3	0.50 (2.84 W/m²·K)	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)	
4	0.40 (2.27 W/m²·K)	0.50 (2.84 W/m²·K)	0.65 (3.69 W/m²·K)	
5	0.35 (1.99 W/m²·K)	0.45 (2.56 W/m²·K)	0.60 (3.42 W/m²·K)	
6	0.30 (1.70 W/m²·K)	0.40 (2.27 W/m²·K)	0.60 (3.42 W/m²·K)	
7 & 8	0.30 (1.70 W/m²·K)	0.40 (2.27 W/m²·K)	0.60 (3.42 W/m²·K)	

90.1-2016 for Commercial Windows				
Climate Zone	Fixed Windows	Operable Windows	Skylights	
1 & 2	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)	0.80 (4.55 W/m²·K)	
3	0.50 (2.84 W/m²·K)	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)	
4	0.40 (2.27 W/m²·K)	0.50 (2.84 W/m²·K)	0.65 (3.69 W/m²·K)	
5	0.35 (1.99 W/m²·K)	0.45 (2.56 W/m²·K)	0.60 (3.42 W/m²·K)	
6	0.30 (1.70 W/m²·K)	0.40 (2.27 W/m²·K)	0.60 (3.42 W/m²·K)	
7 & 8	0.30 (1.70 W/m²·K)	0.40 (2.27 W/m²·K)	0.60 (3.42 W/m²·K)	

90.1-2019 for Commercial Windows				
Climate Zone	Fixed Windows	Operable Windows	Skylights	
1 & 2	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)	0.80 (4.55 W/m²·K)	
3	0.50 (2.84 W/m²·K)	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)	
4	0.40 (2.27 W/m²·K)	0.50 (2.84 W/m²·K)	0.65 (3.69 W/m²·K)	
5	0.35 (1.99 W/m²·K)	0.45 (2.56 W/m²·K)	0.60 (3.42 W/m²·K)	
6	0.30 (1.70 W/m²·K)	0.40 (2.27 W/m²·K)	0.60 (3.42 W/m²·K)	
7 & 8	0.30 (1.70 W/m²·K)	0.40 (2.27 W/m²·K)	0.60 (3.42 W/m²·K)	

California Title 24 for Residential Windows					
Climate Zone	Maximum U-Value (Btu/hr·ft²·°F)	Maximum U-Value W/(m²·K)	Fixed Windows	Operable Windows	Skylights
1, 2	0.5	2.84	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)	0.80 (4.55 W/m²·K)
3	0.4	2.27	0.50 (2.84 W/m²·K)	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)
4	0.32	1.81	0.40 (2.27 W/m²·K)	0.50 (2.84 W/m²·K)	0.65 (3.69 W/m²·K)
5	0.3	1.7	0.35 (1.99 W/m²·K)	0.45 (2.56 W/m²·K)	0.60 (3.42 W/m²·K)
6, 7	0.3	1.7	0.30 (1.70 W/m²·K)	0.40 (2.27 W/m²·K)	0.55 (3.12 W/m²·K)
8, 9, 10, 11	0.26	1.48	0.26 (1.48 W/m²·K)	0.35 (2.00 W/m²·K)	0.50 (2.84 W/m²·K)
12, 13, 14	0.26	1.48	0.26 (1.48 W/m²·K)	0.35 (2.00 W/m²·K)	0.50 (2.84 W/m²·K)
15, 16	0.25	1.42	0.25 (1.42 W/m²·K)	0.35 (2.00 W/m²·K)	0.50 (2.84 W/m²·K)

2021 Washington State Energy Code for Residential Windows			2021 Washington State Energy Code for Commercial Windows		
Climate Zone	Maximum U-Value (Btu/hr·ft²·°F)	Maximum U-Value W/(m²·K)	Fixed Windows	Operable Windows	Skylights
1 (Coastal)	0.5	2.84	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)	0.80 (4.55 W/m²·K)
2 (Moderate)	0.4	2.27	0.50 (2.84 W/m²·K)	0.60 (3.42 W/m²·K)	0.75 (4.26 W/m²·K)
3 (Cold)	0.3	1.7	0.40 (2.27 W/m²·K)	0.50 (2.84 W/m²·K)	0.65 (3.69 W/m²·K)
4 (Very Cold)	0.3	1.7	0.35 (1.99 W/m²·K)	0.45 (2.56 W/m²·K)	0.60 (3.42 W/m²·K)