

2015 Wood Heater Rule

Wood heater appliance-specific emission limits and compliance deadlines

All new wood heaters must now be U.S. Environmental Protection Agency (EPA)-certified to be sold, manufactured, offered for sale, advertised, distributed, or installed. This table tells the particulate emissions limits that new wood heaters must meet to be certified by the EPA.

If you are selling, advertising, distributing or installing any new wood heater, the model must have been tested and shown to meet the particulate matter emissions limits listed under “Step 1 particulate matter emission limits”. All sell-through periods have expired. Beginning May 16, 2020, all new wood heaters must meet the Step 2 particulate matter emission limits.

	Step 1 compliance dates	Step 1 particulate matter emissions	Step 2 particulate matter emission limits (May 16, 2020 compliance date)
Room heaters that burn firewood (e.g., single-burn rate and adjustable burn rate stoves, fireplace inserts and built-in wood heaters)	May 16, 2015	≤ 4.5 g/hr (weighted average)	≤ 2.0 g/hr tested with crib wood Or ≤ 2.5 g/hr if tested with actual firewood
Room heaters that burn wood pellets	May 16, 2015	≤ 4.5 g/hr (weighted average)	≤ 2.0 g/hr tested with wood pellets
Hydronic heaters (e.g., indoor and outdoor wood boilers and furnaces that use a liquid for heat transfer)	May 16, 2015	≤ 0.32 lb/mmBtu heat output from annual weighted average with maximum 18 g/hr cap each test run	≤ 0.10 lb/mmBtu heat output per each tested burn rate test using crib wood or pellets Or ≤ 0.15 lb/mmBtu heat output per each tested burn rate using actual firewood
Small forced-air furnaces (< 65,000 BTU per hour)	May 16, 2016	≤ 0.93 lb/mmBtu heat output from annual weighted average	≤ 0.15 lb/mmBtu heat output per each tested burn rate
Large forced-air furnaces (≥ 65,000 BTU per hour)	May 16, 2017	≤ 0.93 lb/mmBtu heat output from annual weighted average	≤ 0.15 lb/mmBtu heat output per each tested burn rate

For certification, wood-burning heating appliances covered by the 2015 Wood Heater Rule must have been tested using an approved test method in an EPA-approved laboratory. [Standard laboratory test methods](#) for each wood heater category are specified in the rule. Additional information is available on the [EPA website](#).