

Heat Pump that works at 40 degrees Fahrenheit below zero!

I'd rather date you, Mr. Goodman, and your Goodman Heat Pump with 450 times LESS PM2.5!



Goodman
18,000 BTU ...

Goodman!

I'd rather be a near neighbor of a heating device like a Heat Pump that has near zero emissions, or a natural gas furnace that emits 450 to 465 times less particulates than any wood burning device (including Ecodesign Wood Stove or a U S Certified Wood Stove or a Caveman's fire!)



U K

U S

Generic

PurpleAir PM2.5 monitor!



PurpleAir Classic Air Quality Monitor

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<https://rawsepresidents.wordpress.com> NEW YORK (AP) Instead of inserting Heimlich maneuver instructions into packaging, Trader Joe's is recalling two cookie products because they may contain rocks, the grocery chain announced Friday. The recall impacts Trader Joe's Almond Windmill Cookies with "sell by" dates by 10/2023. According to Trader Joe's, the recalled cookies have been removed from store shelves and destroyed, but the company is urging consumers to check their cabinets and get a refund. RAWSEP View: What if indoor residential wood burning stoves emitted PM2.5 and CO2 at unsafe levels, above emissions of coal burning and emitted PM2.5 at 450 times the level of natural gas burning? Those are the true emission levels of indoor residential wood burning stoves. Would the U S Environmental Protection Agency (E P A) recall those unsafe wood burning stoves, or would the E P A simply put instruction on websites to use a different kind or moisture content of wood to burn? What if Biomass (wood burning) plants emitted PM2.5 and CO2 at unsafe levels, above emissions from the coal burning plants that they replaced? Would the EPA shut down those polluting wood burning plants, but hold out the empty promise of carbon capture after the fact from those wood burning plants? When cookies may contain rocks, the cookies are recalled. Heimlich maneuver instructions aren't added to the cookie packaging instead. Indoor residential wood stoves could be recalled, and replaced by truly clean, low or no pollution emitting methods of home heating, such as Heat Pumps that work at temperatures down to 40 degrees below zero Fahrenheit, powered by a smart electric grid that extends even to all rural areas, and powered by wind, solar, geothermal, and hydro power. Right now there are exchanges of wood stoves for Heat Pumps, or subsidies for Heat Pumps. This is being done on too small a scale right now. And there is no recall of polluting wood stoves. London, England's Mayor Sadiq Khan rescinded his 2018 approval of the cleanest, safest wood burning stove in the United Kingdom (U K), the Ecodesign Stove, on 7/22/2023, citing the health effect of wood burning stove emissions, and their effect on climate change. The rescinding of approval of the stoves wasn't quite a recall, but was a first step. PM2.5 from indoor residential wood burning in London, and other parts of the U K now exceeds that of PM2.5 pollution from traffic. PM2.5 is particulate matter of 2.5 micrometer size, the perfect size to infiltrate the human lung, setting off a cascade of human health problems and early deaths. PM2.5 also contributes to climate change. Instead of recalling highly polluting indoor residential wood stoves and shutting down highly polluting Biomass (wood) burning plants, the U S subsidizes Biomass (wood) burning plants (pays plant owners to stay in business even when they are losing money), and the U S subsidizes Carbon Capture "research" which has been going on for decades and has not be applied successfully at any Biomass (wood) burning power plant in the United States (pays Carbon Capture researchers for their extremely expensive research, even if researchers have not been successful in capturing carbon after the fact, after it has been emitted from wood burning plants). The Ask: Please Contact 13 Assistant Attorneys General about an August 2023 suit versus E P A asking for "certainty" for wood stove users. RAWSEP asks for a complaint based system based on PM2.5 monitor data exceeding E P A PM2.5 "safe" limits, using fenceline measurements at yards of near neighbors. Dear 13 Assistant Attorneys General suing the EPA to provide clarity to indoor residential wood stove owners on certification of their currently used, and currently polluting, appliances The states involved are Alaska, Illinois, Maryland, Massachusetts, Minnesota, New Jersey, New York, Oregon, Vermont, and Washington, as well as the Puget Sound Clean Air Agency. PDF letters & emails of website of 3 NIH or NIAID officials about antibiotic resistance from PM2.5 and to 13 Assistant Attorney Generals. <https://rawsepresidents.wordpress.com>

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