



Pennsylvania Phasing in Ban of **Invasive Japanese Barberry**

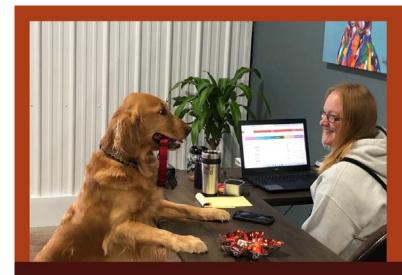
By DCNR

HARRISBURG - The Pennsylvania Department of Agriculture added Japanese Barberry to a list of noxious weeds -- plants that cannot be legally sold or cultivated in the state and is currently banned for sale and cultivation.

The popular, non-native, ornamental shrub forms dense, prickly thickets that crowd out plants and disrupt native ecosystems. It is also thought to harbor black-legged ticks that spread Lyme disease.

Enforcement of the ban will be phased in over two years to allow time for nurseries to eliminate it from their stock, find non-harmful alternatives, and develop seedless, sterile varieties that pose less threat to the environment and agriculture.

The department also added garlic mustard and Japanese stiltgrass to the noxious weed list. Find more information about noxious, controlled, and poisonous plants in Pennsylvania at the Department of Agriculture website https://t.e2ma.net/click/mprgbk/ 2ddo0k/mtakm8b.



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FOUNDATION SKILLS

EPA Qualified Outdoor Wood Furnaces A new generation of clean

^rhen John Hanley built his 4,000 square foot log home in a small Ohio township 17 years ago, he chose propane for heat and domestic hot water because it was an economical choice

But, when propane prices increased and his annual fuel bill reached \$6000, he dropped the thermostat to 63°F to manage his costs. His wife, however, suffered with severe arthritis and lowering the ambient temperature caused her discomfort.

He began looking for a more affordable home heating solution. His research led him to outdoor wood furnaces.

Today's outdoor wood furnaces, also called wood boilers or wood-fired hydronic heaters are a clean, costeffective alternative to the safety, mess and health concerns of indoor wood burning, while also providing a ready supply of domestic hot water.

The outdoor furnace heats water in an insulated water jacket surrounding the firebox. The heated water circulates through underground pipes to a forcedair furnace, boiler or radiant floor heating system that distributes even, adjustable and comfortable heat.

Hanley knew some townships placed restrictions on the installation of outdoor wood furnaces to address smoke emission issues. It was important for him to set a good example in his own community

by choosing a unit that was EPA qualified. Central Boiler, an American- to go. You can't beat it," owned company in business since 1984, helped create the EPA Hydronic Heater Program, Their E-Classic was the first outdoor wood furnace meeting Phase 2 of the program.

Central Boiler's new E-Classic models utilize a three-stage gasification technology and a self-regulating thermostatically controlled system that burns wood so completely that combustion efficiencies approach 100%. This means the owner burns less wood, with very little residual ash and virtually no smoke. By minimizing the emissions, this cleaner generation of outdoor furnaces is the optimum choice for people concerned with the environment.

Hanley chose an E-Classic to heat a 2,500 square foot barn/garage in addition to his home and hot water. Now, Hanley's wife keeps the ambient house temperature at 76°F. 'She's happy and she has endless hot water for her whirlpool bath,"he savs.

Company reliability was also a factor in his choice. "Central Boiler stands behind their products and this sort of warranty service is really important to me.

Finally, because he cuts his own wood, he has eliminated his home heating costs enabling him to redirect the money saved to their children's university educations.



"This furnace is the way

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NOVEMBER 30, 2021