



Tim Ojala built this removable hot water booster for his indoor wood stove. Three rows of U-shaped, 3/4-in. brass pipes heat the water.

## Home-Built Booster Heats Water In Wood Stove

Tim Ojala has come up with a simple method to heat hot water with a wood stove. He uses a removable hot water booster he built for his indoor wood stove. He says the 3 rows of U-shaped, 3/4-in. brass pipes heat water fast. The New Ipswich, N.H., woodshop owner, attached the booster to a frame he made of 1/4 by 2 1/2-in. steel flat stock. The frame fits the stove's opening without making any alterations to the stove. When he needs hot water, he removes the stove's door, slips on the booster frame and replaces the door on the frame.

Cold water enters from the bottom through a flexible truck-type heater hose into a brass pipe at the bottom of the frame connected to three brass pipes that go inside the stove. The hot water returns through a similar setup at the top of the frame.

"To make water circulate properly, the top line should run level or upgrade as thermo siphon action is a gravitational force," Ojala says. "This water heater booster can be connected to any standard electric, gas, oil-fired or indirect water heater tank or stand alone water storage tank that will take normal residential or commercial working water pressure."

Ojala emphasizes that no shut-off valves should be installed on the water lines unless there is a relief valve, that a licensed plumber must approve all work, and that it's wise to check local codes.

Ojala is willing to answer questions.

Contact: FARM SHOW Followup, Tim Ojala, 185 Thayer Rd., New Ipswich, N.H. 03071 (ph 603 878-2024 – no Sunday calls).



To prevent it from burning out, Ojala removes the booster from the stove whenever it isn't needed.



Face mask is made of neoprene with a replaceable carbon filter.

## "Farming Face Mask For Clean Breathing"

RZ Mask is excited to unveil its new Mesh Mask for 2015. The RZ Mesh Mask is the first edition of a series of RZ Masks that provide advanced protection during high dust activities while providing low breathing resistance.

The RZ Mask is a lightweight mesh face mask equipped with an active carbon filter that has been laboratory tested to filtrate up to 99.9% of dust, allergens and pollution. The mask covers the nose and mouth of its user and straps around the back of the neck. With two elastic sections providing precision fit, the mask can be worn for extended periods of time with comfort.

The RZ Mask was originally developed to provide a comfortable, filtered solution to prevent the inhalation of dust while riding dirt bikes and ATVs. Following its launch in 2010, the RZ Mask exploded in popularity amongst farmers around the world. The RZ Mask has since expanded its usage to provide protection to over 40 different industries such as construction workers, hunters and bicyclists.

"Farmers feed the world," says RZ Mask



Masks are hand washable.

Founder Steve Torbenson. "The RZ Mesh Mask offers farmers a comfortable solution to provide protection for grain bin cleaning, haying, handling livestock and numerous other tasks." Torbenson continued, "We are looking forward to continuing our growth and presence within the farming industry in the coming year and will strive to offer unrivaled dust protection for all situations."

The RZ Mask can be purchased on RZ-Mask.com for \$29.95 and comes with 2 replaceable filters. It is hand washable and comes in over 20 colors and styles.

Contact: FARM SHOW Followup, RZ Mask LLC (ph 888 777-9422; sales@rzmask.com; www.rzmask.com).

**Reader Inquiry No 141**



## Low-Priced Parts For Garden Tractors

J & D Lawn Tractor specializes in Deere equipment, new and used Kohler engine parts. Typically they carry around 100 tractors for parts and another 100 for resale or trade. Delivery averages three days after orders are received.

You can find a good selection of complete tractors, attachments, used engines, transax-

les, manuals new and used Kohler engine parts and much more.

Contact: FARM SHOW Followup, J & D Lawn Tractor, 1254 N. 2150th Ave., Mendon, Ill. 62351 (ph 217 440-8365; admin@jndlawnttractor.com; www.jndlawnttractor.com).

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