

The logo for nyle Dry Kilns, featuring the word "nyle" in a large, white, lowercase sans-serif font with a red shadow effect, and "Dry Kilns" in a smaller, white, sans-serif font below it, all set against a red background.

**nyle**  
Dry Kilns

**Efficiency. Quality. Speed. Performance. Outcome.**

Rev 2022.02

## Heat Recovery Vent

**Starting at \$26,995**

Nyle's focus has always been to support all Kiln owners and improve efficiency and productivity in lumber drying.

Heat loss through venting is one of the most notable downfalls of a conventional kiln. With venting necessary to remove the excess moisture, you are stuck with a considerable energy expenditure. This heat expenditure can significantly decrease your efficiency, increase your energy costs, and decrease degrade.

Our dynamic heat exchangers help recover energy lost during the drying process by transferring a large portion of the outgoing vented air's energy to the incoming air. This process utilizes energy that would otherwise be wasted, minimizing the need for "reheating" and reducing overall fuel consumption by a minimum of 15%.



[www.nyle.com](http://www.nyle.com) - [kilnsales@nyle.com](mailto:kilnsales@nyle.com) - (800) 777-6953



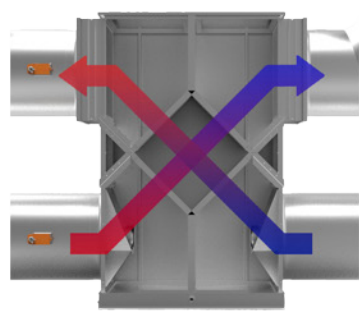
Rev 2022.02



# Specifications

Unit	HRV 5000
Venting Capacity	5,000 CFM
Estimated Energy Savings	Saves up to 80% of lost heat
"Winter" Capacity (55°, 70% RH ambient)	305,502 BTU/hr
"Summer" Capacity (95°, 47% RH ambient)	116,568 BTU/hr
Intake/Exhaust Fan HP (at 1,800 RPM)	6 HP total with VFD
Static Pressure	2" (at 5,000 CFM)
Power Requirements	480V three phase, 30A
Venting BF Capacity (slow drying hardwoods)	60 MBF
Venting BF Capacity (mid-grade hardwoods)	40 MBF
Venting BF Capacity (fast drying softwoods)	20 MBF

**For new installations or retrofit to any kiln!**



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