



HRV

Heat Recovery Vent

Starting at
\$26,995

About The HRV

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 efficiency, increase energy costs, and cause degradation.

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 the energy that would otherwise be wasted, minimizing the need for "reheating" and reducing overall fuel consumption by a minimum of 15%.



Learn More:



12 Stevens Road
Brewer, ME 04412



(800) 777-6953



kilnsales@nyle.com
www.nyledrykilns.com

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 (55°, 70% RH ambient)	116,568 BTU/ hr.	
Intake/Exhaust Fan HP (@ 1,800 RPM)	6 HP total with VFD	
Static Pressure (@ 5,000 CFM)	2"	
Venting BF Capacity	Slow Drying Hardwoods	60 MBF
	Mid-Grade Hardwoods	40 MBF
	Fast Drying Softwoods	20 MBF
Power Requirements	480 V three phase, 30A	

