

# Spray System

*High Pressure Atomizing*

**nyle**  
Dry Kilns



*Starting at*  
**\$8,500.00**



## KEY FEATURES

- ✓ *Precision Humidity Control*  
The high pressure spray system ensures accurate humidity levels within the kiln chamber, preventing rapid moisture removal that could harm the wood.
- ✓ *Enhances Wood Conditioning*  
Adds moisture back to the wood surface at the end of the drying process, relieving stresses and improving the quality of the final product.
- ✓ *Reduces Boiler Dependence*  
By increasing the wet bulb temperature, the system reduces the demand for boilers, cutting down on the need for boiler chemicals and water.
- ✓ *Maintains Drying Efficiency*  
Optimizes moisture and temperature control, allowing for consistent and efficient drying cycles while preserving wood integrity.

## About The High Pressure Spray System

Nyle's High Pressure Spray System is designed to add precise amounts of humidity to a kiln chamber, ensuring optimal wood drying conditions. By controlling the moisture levels during the drying cycle, the system helps prevent over-drying, which can damage the wood. Additionally, it plays a key role in wood conditioning by reintroducing moisture to the surface of the wood at the end of the drying process, reducing stress & improving wood quality. The high-pressure system also minimizes reliance on boilers and reduces the need for boiler chemicals and water.

# TECHNICAL DATA SPECIFICATION



Water Flow Rate	3.5 GPH (Per nozzle @ 500 PSI)
Number of Nozzles	5-10 Nozzles per Kiln Bay
Unit Kiln Capacity	Each system serves 2 Kilns
Motor HP	3 HP
Dimensions	40" W x 24" D x 38" H
Weight	150 lbs
Power Requirements	480V Three Phase, 60 Hz, Dedicated 15A Required



## Contact Us

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