

HT-Series

High-Temp Dehumidification Kilns

nyle
Dry Kilns

KEY FEATURES

- ✓ **High-Temperature Capabilities**
Capable of reaching temperatures up to 160°F, making it suitable for a wide range of demanding drying applications.
- ✓ **Energy-Efficient Dehumidification**
Designed with advanced technology, the system retains heat while removing moisture, reducing energy consumption and drying times.
- ✓ **Heavy-Duty Construction**
Engineered for demanding environments, the HT-Series features durable construction for reliable, long-term operation under intense heat conditions.
- ✓ **Sophisticated Control System**
The advanced controls offer real-time monitoring, precision settings, & automated data logging, making it easier to track performance, meet regulatory standards, and adapt to future operational needs.



Starting at
\$45,995.00



About The HT-Series

Nyle's HT-Series makes drying lumber simple, allowing even inexperienced operators to produce high-quality lumber. Operating at up to 160° F, these units match the drying speeds of conventional kilns. Each unit comes standard with; corrosion-resistant aluminum cabinets, coated dehumidification coils, stainless steel cold coils, and Nyle's easy-to-use precision control systems.

Each Kiln is made to order and can be fitted to your existing chamber or built with a new chamber to suit your operation.

TECHNICAL DATA SPECIFICATION

	HT8	HT18	HT35
Load Capacity*	4,000-15,000 BF	10,000-35,000 BF	15,000-50,000 BF
Nominal Water Removal Rate	720 lbs. (327 kg)	1,800 lbs (817 kg)	3,500 lbs (1,588 kg)
Drying Time	4/4 Green Pine -80% to 8% in approximately 8 days. 4/4 Green Oak -68% to 6% in approximately 28 days.		
Drying Temperature Range	80° -160° F (26° -71° C)		
Heat Treating Capabilities	Yes, Up to 160° F (71° C)		
Compressor Nominal HP	5 HP	15 HP	25 HP
Internal Blower Motor HP	1.5 HP	3 HP	7.5 HP
Auxiliary Heat	12 kW	48 kW	96 kW
Circulating Fans**	Six 24", 1/2 HP	Four 30", 2 HP	Seven 36", 5 HP
Over Temperature Vents	Four (14" x 16")	Four (14" x 16")	Four (20" x 20")

* Units can be combined for additional capacity

** Other fan sizes may be available upon request, speak with a sales rep for more info

HT54	HT84	HT108	HT162
24,000-80,000 BF	38,000-120,000 BF	49,000-150,000 BF	73,000-225,000 BF
5,400 lbs (2,450 kg)	8,400 lbs (3,810 kg)	10,800 lbs (4,899 kg)	16,200 lbs (7,348 kg)
4/4 Green Pine -80% to 8% in approximately 8 days. 4/4 Green Oak -68% to 6% in approximately 28 days.			
80° -160° F (26° -71° C)			
Yes, Up to 160° F (71° C)			
40 HP	2 x 30 HP	2 x 40 HP	3 x 40 HP
10 HP	2 x 7.5 HP	2 x 10 HP	2 x 15 HP
96 kW	96-192 kW	96-192 kW	96-192 kW
Eight 36", 5 HP	Eight 36", 5 HP	Nine 36", 5 HP	Nine 36", 5 HP
Eight (20" x 20")			

Contact Us

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