

## Our most popular large size system!



NYLE has focused on constant improvement in this technology to assure years of reliable and efficient operation. Our kilns come with reliability features such as corrosion resistant aluminum cabinets, dehumidification coils that are specially coated to withstand the acids and harsh atmosphere in a kiln, stainless steel cold coils and tubing, and many other features that make your system last longer and perform better are included in a Nyle system.

### HT Benefits

- Designed for loads of 15,000 to 350,000 BF
- Operates at up to 160°F to matching the speed of most conventional kilns.
- Nyle's easy to use precision control systems
- Achieves top quality results with short drying times and incredible efficiency.

These units pull almost 20,000 pounds of water daily and are so efficient they dry for pennies per square foot. Our HT Systems make drying simple and allow even inexperienced operators to produce the highest quality lumber and improve yields. All while running the most environmentally green system available. You Just can't lose with a Nyle HT System!

### What makes Nyle the world leader in lumber drying?

- Our heat pump technology maximizes energy efficiency: Using 40% - 60% less energy than conventional kilns
- We use corrosion resistant aluminum cabinets and specially coated dehumidification coils giving our machines an extra long life.
- Our precision control systems
- The famed Nyle customer support

### Nyle's HT Series

More than thirty years ago, NYLE invented the high temperature dehumidification lumber drying system. Our patented XDH system, a breakthrough in dehumidification drying, constantly monitors and regulates the airflow within the dehumidifier. This for the first time enabled dehumidification kilns to operate at up to 160°F (72°C) and match the drying speeds of most conventional kilns as well as allowing easy pitch setting and sterilization, all this with greater energy efficiency than any other system in the world.

### Which model is right for you?

HT kilns are made to order. Our expert sales representatives will select a base model and together with you, we will specify fans, dehumidifier and vents to suit your lumber drying needs.

Our systems can even fit your existing chamber or if you need we can build you a new chamber to suit your operation. HT Series kilns are all about customizing. We want to make sure that you have the system that works best for you, now and for years to come.

## Features & Specifications

Model	HT35	HT42	HT54	HT70	HT84	HT108	HT126	HT162
<b>Load Capacity BF (Pine-Oak)</b>	15,000-50,000	19,000-60,000	24,000-80,000	30,000-100,000	38,000-120,000	49,000-150,000	57,000-180,000	73,000-225,000
<b>Nominal Water Removal (lbs/day)</b>	3,500	4,200	5,400	7,000	8,400	10,800	12,600	16,200
<b>Drying Time</b>	4/4 Green Pine 68% to 6% in approximately 5 days.							
	4/4 Green Oak 68% to 6% in approximately 28 days.							
<b>Operating Costs</b>	Green Pine 90% to 12%, approximately 350 kWh per 1,000 BF.							
	Green Oak 68% to 6% in approximately 450 kWh per 1,000 BF.							
<b>Operating Temp Range</b>	80°F - 160°F (27°C - 71°C)							
<b>Pitch Setting Capabilities</b>	Auxiliary heater can be used to set the pitch, sterilize the load (kill bugs) and for preheating.							
<b>Compressor Nominal HP</b>	25	30	40	2x 25	2x 30	2x 40	3x 30	3x 40
<b>Internal Blower Motors HP</b>	7.5	7.5	10	2x 7.5	2x 7.5	2x 10	2x 10	2x 15
<b>Auxiliary Heat</b>	96 KW	96 KW	96 KW	96 - 192 KW	96 - 192 KW	96 - 192 KW	144 - 288 KW	144- 288 KW
<b>Circulating Fans<sup>1</sup></b>	Standard sizes of 36" & 48" fans available for HT Series, with motor sizes of 3, 5 & 7.5 HP							
<b>Over Temp Vents</b>	2x 20"x 20"	2x 20"x 20"	4x 20"x 20"	4x 20"x 20"	4x 20"x 20"	4x 20"x 20"	4x 20"x 20"	4x 20"x 20"
<b>Power Requirements<sup>2</sup></b>	230V - 460V							
<b>Shipping Weight (lbs)</b>	< 4,500	< 5,500	< 6,500	< 9,000	< 11,000	< 13,000	< 16,500	< 19,500
<b>Warranty</b>	One year on material and workmanship. Contact Nyle for full copy of the Warranty.							
<b>Dimensions</b>	9'6"(W) 6'4"(D) 6'6"(H)	9'6"(W) 6'4"(D) 6'6"(H)	10'10"(W) 6'4"(D) 6'6"(H)	16'(W) 6'4"(D) 6'6"(H)	18'(W) 6'4"(D) 6'6"(H)	21'(W) 6'4"(D) 6'6"(H)	27'(W) 6'4"(D) 6'6"(H)	31'(W) 6'4"(D) 6'6"(H)

1: Number and spec of circulating fans depends upon chamber size and drying application

2: Amperage draw depends upon quantity and spec of both preheaters and circulation fans, contact Nyle for an estimate based on your application

Questions? Call the Nyle experts for straight answers!

Nyle Systems continues to be the largest manufacturer of dehumidification drying systems in North America. Our dedicated sales and service representatives are committed to giving you the answers you need, whether you are looking into a new unit or if you have been operating a Nyle kiln for years. So, call or email us today and see what real customer service is all about.

Notes:

**Note:** In view of ongoing product improvements, design and specification are subject to change without notice. Nyle Systems can accept no responsibility for possible errors in catalogs, brochures or any other printed material.