Camden Kilns: Small and Medium Sized Lumber Dry Kilns

Dehumidification or Indirect Gas Fired

Small and medium sized kiln operations now have a better option. Nyle, has created a set of competitively priced, easy to assemble kiln packages. They include a chamber with either a dehumidifier that is sized to meet your lumber drying needs; or a gas heating package for safe (indirect gas fired) drying and heat treating.

The chambers come in 5 sizes between 4,000BF to 16,000BF. They are all aluminum, well-insulated chambers that are rugged and will give you usage for a long time.

They are designed to the same standards as our large custom kilns.

No boiler needed! They can be matched with either our well-known energy efficient L-Series Lumber Dehumidifiers or if you dry using natural gas or propane, they can be outfitted with our indirect gas fired furnaces for high temperature drying and heat treating.

Matched to one of our L-Series Dehumidifiers they can handle whichever species you are drying, fast drying softwoods to slow drying hardwoods. These well-know dehumidifiers have been among our bestselling products for the past 20 years. They are easy to use and give you precision control over your drying. You can achieve top-quality results with incredible efficiency. For example, if you dry 7,500BF of fast drying Pine, you'd select the 8MBF chamber with the L1200 Dehumidifier, while if you dry 9,500BF of slower drying Oak, you'd use the 10MBF chamber with the L500 Dehumidifier.

Outfitted with our indirect fired gas heating packages, you have a chamber that you can use for drying as well as heat treating. We use indirect fired heating rather than direct fired, for efficiency, more accurate temperature control, and safety. Gas has become a low cost alternative to heat your kiln. In some areas with high electric rates even more economical than our DH kilns. What is the most economical kiln will depend on the price and availability of natural gas and electric at your location.

What do I need to do to build one? These units are semi-assembled packages that can be easily erected on your site. You'll need a concrete pad and we will supply plans for that. All the equipment (dehumidifier or gas heating system; doors, fan truss, vents, etc.) is preassembled. Depending on the size of the chamber, you'll need a two-three man crew for about 5 days to put together the frame, wall and roof panels and install the equipment. The crew will need a fork lift and a scissor lift. We can help with the assembly if desired.

nyle systems

For more information please visit:
www.nyle.com
email: info@nyle.com
phone: 800-777-6953

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Chamber Specifications

	Camden-4	Camden-5	Camden-8	Camden-10	Camden-16
Dimensions (inside) WxDxH	8 x 40 x 8	19 x 14 x 10	19 x 21 x10	19 x 28 x 10	19 x 28 x 14
Loading Capacity (85% Efficiency)	4760 BF	5440 BF	8160 BF	10878 BF	16320 BF
DH Options	L200, L300, L500	L300, L500	L500, L1200	L500, L1200	L1200
Furnace Options	N/A	300,000 BTU	400,000 BTU	600,000 BTU	800,000 BTU
Track / Fork-lift	Track	Fork-lift	Fork-lift	Fork-lift	Fork-lift
Number of vents	DH: 2	DH: 2 Gas: 4	DH: 2 Gas: 4	DH: 2 Gas: 4	DH: 2 Gas : 4
Number of Fans	5	4	4	4	4

For chamber dimensions different or larger than these, please call us as 800-777-6953 or go online to www.nyle.com

What is the right size Dehumidifier for your chamber?

			Green to 8%		Air Dried 30% to 8 %	
Model	Wood Group	Load Size BF Examples	Drying Days	Energy per MBF	Drying Days	Energy per MBF
L200 (1,500-4,000BF)	1 2 3	1,500 3,000 4,000	12 22 35	443 kWh 412 kWh 443 kWh	3 8 16	116 kWh 156 kWh 192 kWh
L300 (2,000-8,000BF)	1 2 3	2,000 6,000 8,000	9 19 30	442 kWh 330 kWh 386 kWh	3 11 15	132 kWh 183 kWh 192 kWh
L500 (3,000-12,000BF)	1 2 3	3,000 8,000 12,000	8 22 30	432 kWh 452 kWh 461 kWh	3 11 15	167 kWh 171 kWh 196 kWh
L1200 (10,000-24,000BF)	1 2 3	10,000 12,000 16,000	9 12 24	418 kWh 503 kWh 513 kWh	3 5 12	147 kWh 185 kWh 193 kWh

Notes: Drying times are based on 4/4 lumber. For more detail on the L-Series Dehumidifiers, see our L-series Spec Sheets.

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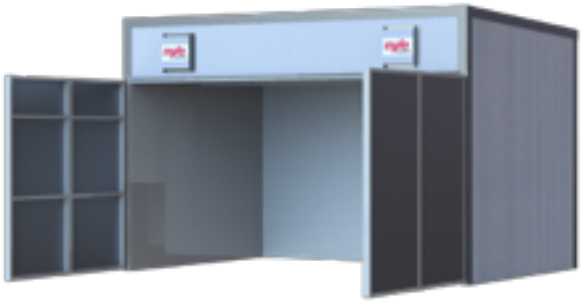
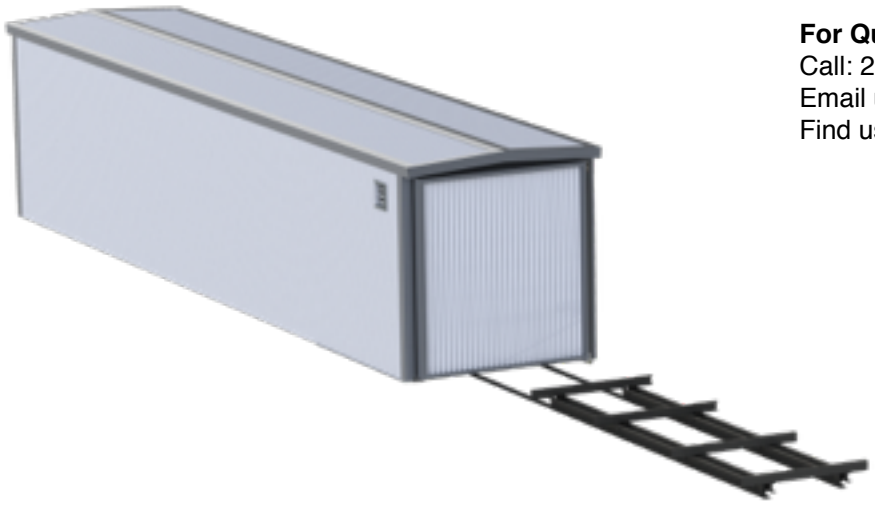
Alternatively, the right size Gas Heating System

	300,000 BTU Unit	400,000 BTU Unit	600,000 BTU	800,000 BTU Unit
Drying Capacity (BF) **- Softwood** **- Hardwood**	 4500 6000	 6000 8000	 9000 12000	 12000 16000
Drying Time	Pine 3-5 Days Oak-22-35 Days	Pine 3-5 Days Oak-22-35 Days	Pine 3-5 Days Oak-22-35 Days	Pine 3-5 Days Oak-22-35 Days
Operating Costs **- Softwood** **- Hardwood**	Propane: 65-70 Gallons/1000 BF, Electric Costs: 225 KWH/1000 BF Propane: 60-65 Gallons/1000 BF, Electric Costs: 250 KWH/1000 BF			
Operating Temp Range	80F-180F	80F-180F	80F-180F	80F-180F

Questions? Call the Nyle experts for straight answers!
At Nyle Systems, you get the straight answers you need from the same professionals that design and build your systems. We'll give you information on drying methods, answer your questions about servicing and maintaining the equipment, and provide expert advice in designing and building your kiln chamber. When you talk to a Nyle Systems expert, you're talking to someone who knows lumber drying and dehumidification systems from the ground up, someone who really understands the business. We are dedicated to giving you the answers you need, whether it is your first call or if you have owned your system for 20 years. So call us today and find out what real customer service is all about. Dial (207) 989 4335 or toll free: (800) 777 6953; or look us up at www.nyle.com.





For Questions or to Place an Order:
Call: 207-989-4335 or Toll Free: 1-800-777-6953
Email us at info@nyle.com
Find us on the web at www.nyle.com