



CD-SERIES

Continuous Dehydrator

Call Us Today
FOR A QUOTE

ABOUT THE CD-SERIES

The Nyle CD-Series Continuous Dehydrators offer an unmatched combination of precision, power, and flexibility for a wide range of industrial drying needs. Whether you are in the food, pet food/treat, pharmaceutical, or other industrial processing industries, Nyle's CD-Series delivers superior drying capabilities tailored to high-volume operations that require efficiency and consistent results.

Designed with scalability & reliability in mind, the CD-Series offers the ultimate solution for businesses seeking to optimize production, reduce labor requirements while maintaining exceptional product quality.

APPLICATIONS



WHY CHOOSE NYLE



Precision Control

Our systems provide complete control of temperature, humidity, & airflow as well as flexible scheduling software.



Remote Access

Users can remotely and securely access their system's controls using a smartphone, tablet, or computer.

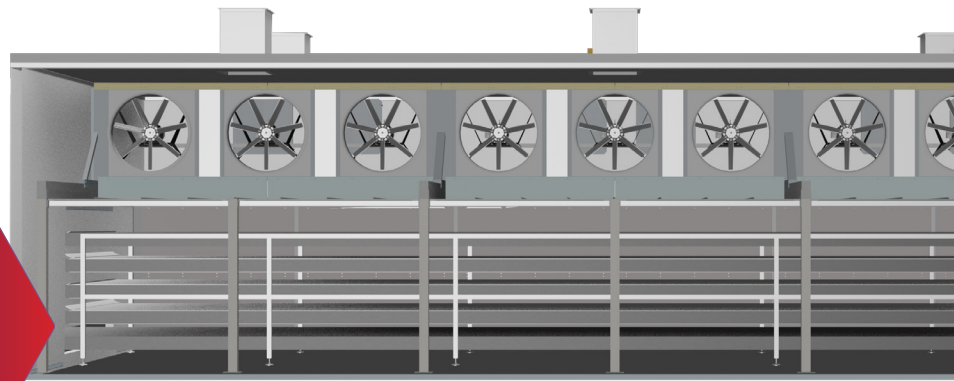


Consistent Results

Our systems provide superior Energy Efficiency while achieving proper shelf stability and food safety standards.



SPECIFICATIONS



		CD210	CD220	CD230	CD240
Load Capacity*		420-840 Sq Ft	840 - 1680 Sq Ft	1260 - 2520 Sq Ft	1680 - 3360 Sq Ft
Total Footprint	Depth	21' 4"	21' 4"	21' 4"	21' 4"
	Length	15' 0"	29' 0"	43' 0"	57' 0"
	Height	12' 0"	12' 0"	12' 0"	12' 0"
Chamber Equipment	Fans	3	6	9	12
	Vents	2	4	6	8
	Sensors	2	4	6	8

Conveyor

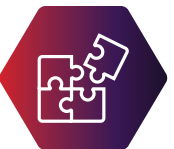


Seamless Integration:

The conveyor system integrates seamlessly into the drying chamber, ensuring that products are dried consistently as they move through the process. The result is a streamlined drying solution that saves both time and labor costs.



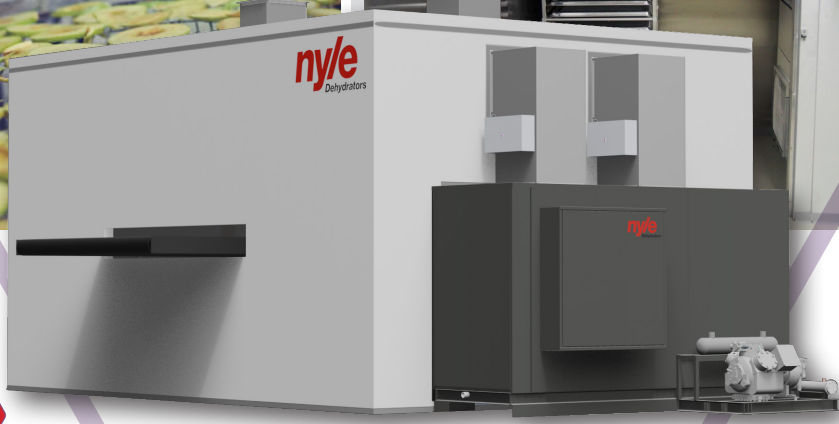
Flexible Belt Configuration: Each unit comes equipped with multiple layers of Forbo Clean Drive belts, offering extensive drying surface areas that can be customized to meet your production needs. The belts are adjustable, allowing operators to control the speed and duration of the drying process for different products.



Effortless Operation & Maintenance: The conveyor system is constructed with stainless steel frames and UHMW wear strips for easy cleaning and reduced friction. The belts are powered by reliable motors & gear reducers, ensuring smooth, uninterrupted operation with minimal downtime.



ENERGY OPTIONS



High Efficiency Heat Pump



Water Removal Rate:*

DH-145

145 lbs/hr

DH-225

225 lbs/hr

Drying Temperature:

80°- 160°F (26°- 71°C)

Auxiliary Heat :
(Validation Step)

160°- 180°F (71°- 82°C)

Power Options:

480V Three Phase, 50 Hz
480V Three Phase, 60 Hz

Indirect Gas-Fired Burner



Energy Output:

GHV-16

1,600,000 Btu/h

Drying Temperature:




80°- 220°F (26°- 104°C)

Power Options:


480V Three Phase, 50 Hz
480V Three Phase, 60 Hz

*Water removal rate is calculated using air conditions of approximately 115°F dry bulb temperature and 70% relative humidity.

CONTACT US:

-  (800) 777-6953
-  dehydrators@nyle.com
-  www.nyledehydrators.com

OUR LOCATION:

-  12 Stevens Road
Brewer, Maine 04412

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