



MD-SERIES

Modular Dehydrator

Starting at:

\$248,995 USD
Includes Installation

ABOUT THE MD-SERIES

Flexibility and performance for a variety of drying needs. Whether you're looking to expand capacity or optimize energy usage, the Modular Series delivers superior drying results every time.

The 100-Series features a narrower 8' wide loading area, while the 200-Series offers a larger 16' wide loading area and double doors for increased accessibility and product loading.

Both models come with multiple heating options, including the FD145 heat pump, FD225 heat pump, and indirect gas. These heating systems provide energy-efficient drying with precise control over temperature and humidity, giving you the flexibility to choose the best fit for your operation.

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.



100-Series

		MD110	MD120	MD130	MD140
Load Capacity*	Racks	24	48	72	96
	Trays	480	960	1,440	1,920
	Wet lbs	2,400 - 4,800	4,800 - 9,600	7,200 - 14,400	9,600 - 19,200
Loading Space	Depth	8' 0"	8' 0"	8' 0"	8' 0"
	Length	14' 0"	28' 0"	42' 0"	56' 0"
	Height	6' 0"	6' 0"	6' 0"	6' 0"
Total Footprint	Depth	13' 4"	13' 4"	13' 4"	13' 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

200-Series

		MD210	MD220	MD230	MD240
Load Capacity*	Racks	48	96	144	192
	Trays	960	1,920	2,880	3,840
	Wet lbs	4,800 - 9,600	9,600 - 19,200	14,400 - 28,800	19,200 - 38,400
Loading Space	Depth	16' 0"	16' 0"	16' 0"	16' 0"
	Length	14' 0"	28' 0"	42' 0"	56' 0"
	Height	6' 0"	6' 0"	6' 0"	6' 0"
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



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:

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