



# DRYER

## Model 123H



U.S.A.

ISO 9001:2015 Certified  
(Quality Management System)

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# DRYER MODEL 123H

Braun's 123H dryer offers capacity up to 425 lbs. and is favored among linen suppliers, healthcare, hospitality and industrial plants where 400 lb. loads are the standard. Special features include longer heat travel for most uniform heat input in the industry and a easy changeable track-type basket seal.

## STANDARD FEATURES

### EFFICIENCY AND ECONOMY

- Inverter driven basket offers bi-directional cylinder operation, useful when drying large items that may rope together. It also minimizes wear and tear on drive components.
- Automatic temperature-based moisture sensing control prevents restarts and over-drying.
- Ring design burner assures uniform heat distribution with lint-free design and no moving parts.
- Heavy 11-gauge burner duct system evenly mixes incoming air to prevent hot spots.
- Damper system accelerates heat transfer into load, lowering exhaust volume and temperature.
- Self-cleaning positive air flow blowers draw controlled air volume through load, regardless of size. Non-clog design prevents lint accumulation.

### PLUG AND PLAY WIRE HARNESS

If a component should need replacement, simply loosen the harness collar and pull to free the connection. Installation is just as simple. Swing-out control box and large doors provide easy access to all harnesses and internal components. Other manufacturers use hard wired connections that require time-consuming disconnect and reconnect procedures.

### DURABILITY AND EASE OF MAINTENANCE

- Convenient front access electrical panel for easy maintenance.
- Welded 10-gauge, steel trunnion shaft mounted basket anchored to heat-treated steel shaft provides years of dependable service.

### EASE OF USE

- Touch screen controls are intuitive and easy to use. They feature user friendly visual displays and a conveniently located USB flash drive to simplify program loading and backup.
- Large door opening, hydraulic tilt system (back tilt of 20° or more, forward tilt up to 18°) and basket jog switch facilitate fast and efficient loading and unloading.



### NOTABLE FEATURES

- Optional basket panel coatings available
- Machine can be easily disassembled into smaller pieces to fit into tight locations.



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### SAFETY

- Split panel control box is an exceptional safety feature which separates the high voltage from low voltage components.
- Complete flame safety protection system.
- Door and tilt switches prevent startup unless machine is in proper running position with door closed.
- Individual motor starters provide protection for each motor. Interlocks assure instantaneous burner lockout.
- Pressure type safety switch prevents burner ignition without exhaust and combustion blowers operating.
- Adjustable high limit temperature control cuts burner fuel supply (basket and blower remain operational to cool load).
- Shaft safety system shuts off fuel supply to burner if basket stops rotating (blower remains operational to cool load).
- Automatic fire suppression system is standard on all Braun dryers.



Split Panel Control Box

### DRYER STEAM MODEL

- Steam model features 3 steam coils to provide maximum heat transfer to the inlet air which minimizes dry times



123H Dryer Steam Model

### SPECIFICATIONS

Nominal capacity, dry weight	400 lb	Discharge height, bottom of door	29"
Maximum capacity*	425 lb	Machine height, operating position	106 1/4"
Minimum automatic operation capacity**	250 lb	Machine height at full tilt	132"
Main blower	20 hp	Machine width overall	116"
Exhaust volume	7,100 cfm	Machine depth, operating position	101"
Basket volume	123 cu ft	Total machine weight	7,500 lb
Door diameter	48"		
Maximum back tilt for loading	20°		
Loading height, bottom of door	38 1/2"		
Maximum forward tilt for discharge	18°		

\* Varies with type of material being dried.  
\*\*Efficiency increases as load weight approaches nominal capacity.  
Complete dimensional, supply and ductwork specifications on request.



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