

**On-Premises  
Drying Tumblers**

**UniMac**<sup>®</sup>

**120 lb (54.4 kg) Tumbler  
170 lb (77.1 kg) Tumbler**



***Expert Solutions from the Laundry Experts***

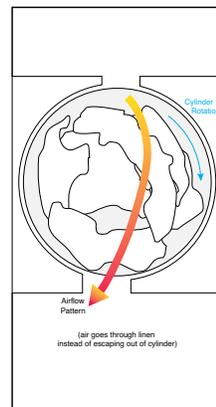


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*ake a moment and step into the world of high tech product engineering where UniMac drying tumblers are designed with innovative features that command top performance, and durable steel construction that will stand the test of time. At UniMac, drying tumblers are considered more than just laundry equipment. They are key players in the success of commercial laundry facilities and as such must continuously achieve high levels of efficiency, quality and durability. UniMac has always maintained a standard of excellence in drying tumbler manufacturing that is recognized around the world. With over 80 years of engineering expertise you can be assured that you are getting the best drying tumblers on the market that will meet your needs now and in the future.*

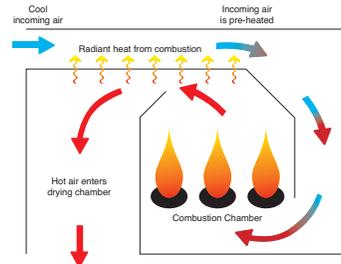
## Energy-Efficient Design

UniMac has achieved a perfect balance between drying temperature, airflow pattern and useable cylinder space to provide maximum energy efficiency while thoroughly drying linens. Our special equipment design pulls air through linens at the precise point where they fall freely to the bottom of the cylinder during the tumbling process. This enables linens to dry quickly and evenly, which can shorten overall drying time, thereby reducing utility and labor costs.



## Special Encapsulated Heat System

UniMac's enclosed heat system captures intake air and preheats it, utilizing radiant heat from the stove top, before air enters the combustion chamber. The results are increased energy efficiency, faster drying times and a comfortable operating environment. For your convenience, UniMac's stove top and burners are removable to fit through a standard door opening.



## C.A.R.E.™ System\*

**(Combustion Auto Response Equipped)**

Our C.A.R.E. drying tumblers provide some peace of mind in the unlikely event of a laundry fire within the cylinder. This feature senses an abnormally high temperature within the cylinder of the dryer. If a laundry fire should start within the cylinder, water is sprayed on the linens from a multi-port manifold to saturate the load. If the system is activated, a warning signal can be sent to a remote location. The externally mounted C.A.R.E. system features multiple sensors and two water valves to assure accurate performance.



\* Option available on 120 & 170 lb models.

## Steel Door Construction

UniMac incorporates only the finest quality materials into each drying tumbler, right down to the loading door and hinges! Constructed of high-grade steel, UniMac's heavy-duty door and hinges will stand up to the toughest laundry conditions. In addition, our circular door glass is sealed with a 7/8" rubber gasket to secure it in place while providing greater strength and rigidity.



## Triple-Belt Drive



UniMac tumblers feature an all-belt drive system with easy adjusting tension idler, cast iron pulleys and permanently sealed ball bearings for quiet, low maintenance operation. As an added benefit, UniMac incorporates a solid-state electronic timer that is designed to automatically reverse the tumble action if you choose. This feature can be easily selected and aids in preventing the tangling of linens.

## Microprocessor Control

UniMac's new state-of-the-art 120 lb and 170 lb microprocessor controlled tumblers offer flexibility in drying laundry loads. Variables such as time, temperature and dryness level can be programmed to meet the exact needs of your laundry operation. And it's very easy for employees of any skill level to operate.



## Cart Bumper and Kick Plate

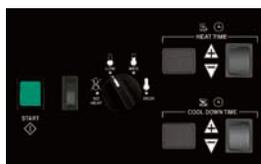
UniMac incorporates a durable cart bumper and kick plate to protect tumbler fronts from possible scratches and dents incurred during the laundering process.



## CSA Star and CSA Flame and cCSA<sub>US</sub> Marked

Tested and approved by CSA International, Danish Institute of Fire Information Technology, and Australian Gas Association. UniMac gas tumblers continuously receive high ratings in the area of performance and safety.

## Dual Digital Timer Control



UniMac's variable temperature controls offer 0 to 60 minutes of drying and 1 to 15 minutes cool down to thoroughly dry garments. The dual digital timer feature allows the operator to

select the ideal temperature, heating time and cooling time for any type of fabric before activating the tumbler. The time remaining is displayed for better workflow efficiency. An anti-wrinkle mode is provided at the end of each cycle until the door is opened or 60 minutes has expired. Single-touch start is convenient when the next load is identical to the previous.

## Ergonomic Engineering

UniMac tumblers are engineered with the laundry operator in mind. Features such as our large door opening placed approximately 32" from floor make loading and unloading easier for employees.

- Efficient multiple burner heat system provides the desired temperature quickly, while distributing heat evenly.
- An innovative paint system provides excellent corrosion resistance.
- Galvanized pre-coated steel cylinder won't corrode, chip, crack or pit under normal use.
- Large baffles tumble loads efficiently to maximize airflow movement through linens.
- Instant electronic ignition reduces drying time, which saves energy.
- Modular electrical system provides for greater reliability and convenient servicing.
- Reversing cylinder helps eliminate tangling of linens during the drying cycle.
- Drive and blower motors contain over-load protection feature.

## Three-Year Warranty\*\*

UniMac offers a three-year limited warranty for any part of the drying tumbler which fails as a result of a defect in material or workmanship during the first three years (36 months), after the date of original installation.

\*\* Parts only, labor not included. See UniMac Warranty Bond for specifics.

# Specifications

	120 lb Tumbler	170 lb Tumbler
Dry Weight Capacity - lb (kg)	120 (54.4)	170 (77.1)
Cylinder Size - in (mm) (diameter x depth)	44" x 41" (1118 x 1041)	50 3/4" x 42 1/2" (1289 x 1080)
Cylinder Volume - cu. ft. (liters)	36.1 (1021)	49.7 (1408)
Width - in (mm)	46 3/4" (1178)	53 1/8" (1349)
Depth - in (mm)	Door Closed 67 15/16" (1725) Door Open 90° 96 1/2" (2451)	68 7/8" (1749) 97 5/8" (2480)
Height - in (mm)	85 11/16" (2177)	94" (2388)
Motor - Hp	Fan 1 Cylinder 3/4	3 3/4
Air Outlet Diameter - in (mm)	10" (254)	12" (305)
Airflow, cfm (liters/sec.)	1600 (755)	2450 (1156)
Water Inlet Size (C.A.R.E. System)	(1) 3/4"-11 1/2" NH Hose Connection	(1) 3/4"-11 1/2" NH Hose Connection
Utility Connection	<b>Gas Models</b> - 3/4" NPT <b>Steam Models</b> - 3/4" NPT	<b>Gas Models</b> - 1" NPT <b>Steam Models</b> - 3/4" NPT
Energy Data	<b>Gas Models</b> - 300,000 Btu/hr (75,570 kcal/hr) <b>Steam Models</b> - At 100 psi (6.9 bar): 11.7 BHP 405,000 Btu/hr (118.5 kW) At 15 psi (1.0 bar): 7.9 BHP 272,000 Btu/hr (79.7 kW)	<b>Gas Models</b> - 395,000 Btu/hr (99,500 kcal/hr) <b>Steam Model</b> - At 100 psi (6.9 bar): 18.8 BHP 648,000 Btu/hr (189.7 kW) At 15 psi (1.0 bar): 12.6 BHP 433,000 Btu/hr (126.9 kW)
Electrical Specifications	<b>Gas and Steam Models</b> - Amps 200-208/240/60/3 7.7 380/400-415/50/3 3.8 460-480/60/3 3.9	<b>Gas and Steam Models</b> - Amps 200-208/240/60/3 13.5 380/400-415/50/3 6.9 460-480/60/3 6.7
Net Weight (approx.) - lb (kg)	<b>Gas Models</b> - 1275 (578) <b>Steam Models</b> - 1375 (624)	<b>Gas Models</b> - 1575 (714) <b>Steam Models</b> - 1675 (760)
Shipping Wt. (approx.) - lb (kg) Standard	<b>Gas Models</b> - 1338 (607) <b>Steam Models</b> - 1446 (656)	<b>Gas Models</b> - 1667 (756) <b>Steam Models</b> - 1776 (806)
Shipping Wt. (approx.) - lb (kg) Slat Crate	<b>Gas Models</b> - 1447 (656) <b>Steam Models</b> - 1547 (702)	<b>Gas Models</b> - 1791 (812) <b>Steam Models</b> - 1891 (858)
Shipping Dimensions - in (mm) Standard	W 48 1/2" (1232) D 72" (1829) H 90" (2286)	58" (1473) 74 1/2" (1892) 99" (2515)
Shipping Dimensions - in (mm) Slat Crate	W 51 1/2" (1308) D 74" (1880) H 90 3/4" (2305)	61" (1549) 76 1/2" (1943) 99 3/4" (2534)
Agency Approvals	<b>Gas Models</b> - CSA Star, CSA Flame, cCSA <sub>US</sub> , CE, Australia Gas <b>Steam Models</b> - cCSA <sub>US</sub> , CE	<b>Gas Models</b> - CSA Star, CSA Flame, cCSA <sub>US</sub> , CE, Australia Gas <b>Steam Models</b> - cCSA <sub>US</sub> , CE

Tumbler models are made to suit a variety of electrical service characteristics. See your UniMac Distributor for specifications. Features and certifications may vary by model. For further details on installation, refer to Installation, Operation and Maintenance Instructions supplied with the tumbler.

For the most accurate information the installation guide should be used for all design and construction purposes. Due to continuous product improvements, design and specifications are subject to change without notice. The quality management system of Alliance Laundry Systems' Ripon facility has been registered to ISO 9001:2000.

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