

**On-Premises  
Drying Tumblers**

**UniMac**®

- 25 lb (11.3 kg) Tumbler**
- 30 lb (13.6 kg) Tumbler**
- 35 lb (15.9 kg) Tumbler**
- 50 lb (22.0 kg) Tumbler**
- 75 lb (33.9 kg) Tumbler**



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

# UniMac

**T**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**.

## Reversible Steel Door\*

For the ultimate in workflow convenience, our tumbler door can be reversed to **open right or left**. In less than 15 minutes, you can reverse the door open direction and customize the optimum workflow for your laundry. Combined with our large door opening for ease of loading and unloading, you can count on UniMac drying tumblers to assist you with the **lowest laundry operating costs**. Constructed of high-grade steel, UniMac's heavy-duty door and hinges will stand up to the toughest laundry conditions time and time again. 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.



\* Standard on 50 & 75 lb models only.

## 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 for 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 50 & 75 lb models.

## Self-Cleaning Lint Filter

UniMac's fine mesh lint screen **cleans itself automatically** by depositing lint into a large storage area for easy removal. This eliminates the need to manually clean the filter after each use.

## Microprocessor Control

UniMac's new state-of-the-art microprocessor-controlled tumblers include an anti-wrinkle, end of cycle mode that **reduces wrinkling** caused by a static cylinder. It also offers variables such as time, temperature and dryness level which 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.



## Manual Timers

UniMac's infinitely variable temperature controls offer 0 to 60 minutes of drying, 0 to 15 minutes of cool down and a heat range of 120° to 190° Fahrenheit (49°C to 88°C) to thoroughly dry garments while minimizing wrinkles. Manual timer feature allows the operator to select the ideal temperature, heating time and cooling time for any type of fabric before activating tumbler.



## 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.



## Ergonomic Engineering

UniMac tumblers are engineered with the laundry operator in mind. After careful research, features such as our large door opening placed approximately 32" from floor can make loading and **unloading easier** for employees.

## Interchangeable Components

UniMac has engineered its drying tumbler to provide for quick trouble-shooting and ease of service.

*Features:*

- Efficient Multiple Burner Heat System provides desired temperature quickly while distributing heat evenly.
- **Superior Finish.** Our innovative paint system electrostatically applies paint for superior bonding and corrosion resistance. The paint is baked on the equipment inside and out to provide a tough and durable finish.
- 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.
- **Embossed Steel Front and Side Panels** are easy to clean and provide long-lasting beauty.
- Instant Electronic Ignition reduces drying time which saves energy.
- Modular Electrical System provides for greater reliability and convenient servicing.
- Reversing Cylinder Option helps eliminate tangling of linens during the drying cycle.
- Motors contain overload protection feature.
- Solid steel cap over top of dryer protects internal components.

## Three-Year Limited 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

	25 lb Tumbler	30 lb Tumbler	35 lb Tumbler	50 lb Tumbler	75 lb Tumbler
Dry Wt. Capacity - lb (kg)	25 (11.3)	30 (13.6)	35 (15.9)	50 (23)	75 (34)
Cylinder Size - in (mm) (dia. x depth)	26 1/2" x 24" (673 x 610)	26 1/2" x 30" (673 x 762)	30" x 30" (762 x 762)	37" x 30" (939 x 762)	37" x 36" (937 x 914)
Cylinder Volume - cu. ft. (liters)	7.66 (217)	9.57 (271)	12.27 (347)	18.67 (528.8)	22.40 (634.4)
Width - in (mm)	28" (711)	28" (711)	31 1/2" (800)	38 5/8" (981)	38 5/8" (981)
Depth - in (mm)	38 7/8" (987)	44 7/8" (1140)	44 7/8" (1140)	47" (1194)	53" (1346)
Height - in (mm)	63 7/8" (1622)*	63 7/8" (1622)*	63 7/8" (1622)*	76 5/8" (1946)	76 5/8" (1946)
Motor - HP (W)	1/4 (187)	1/4 (187)	1/4 (187)	1/2 (373)	3/4 (559)
Air Outlet Diameter - in (mm)	6" (152)	6" (152)	8" (203)	8" (203)	8" (203)
Airflow, CFM	60 Hz: 450 CFM (212 liters/sec.) 50 Hz: 410 CFM (194 liters/sec.)	60 Hz: 450 CFM (212 liters/sec.) 50 Hz: 410 CFM (194 liters/sec.)	60 Hz: 520 CFM (245 liters/sec.) 50 Hz: 470 CFM (222 liters/sec.)	750 CFM (354 liters/sec.)	<b>Gas and Steam 60 Hz Models</b> 920 CFM (434 liters/sec.) <b>Electric and 50 Hz Gas and Steam</b> 750 CFM (354 liters/sec.)
Water Inlet Size (C.A.R.E. System)	N/A	N/A	N/A	(1) 3/4" Hose Connection	(1) 3/4" Hose Connection
Plumbing Connection - in (mm)	<b>Gas Models</b> - 1/2" NPT (13) <b>Steam Models</b> - 3/4" NPT (19)	<b>Gas Models</b> - 1/2" NPT (13) <b>Steam Models</b> - 3/4" NPT (19)	<b>Gas Models</b> - 1/2" NPT (13) <b>Steam Models</b> - 3/4" NPT (19)	<b>Gas Models</b> - 1/2" NPT (13) <b>Steam Models</b> - 3/4" NPT (19)	<b>Gas Models</b> - 1/2" NPT (13) <b>Steam Models</b> - 3/4" NPT (19)
Energy Data Gas: Btu/hr (kW) Steam: At psig (bar) BHP Btu/hr (kW) Electric: kW	<b>Gas Models</b> - 64,000 (18.8) <b>Steam Models</b> - At 100 (6.9): 3.5, 121,285 (35.5) At 15 (1.0): 2.4, 81,220 (23.8) <b>Electric Models</b> - 12	<b>Gas Models</b> - 73,000 (21.4) <b>Steam Models</b> - At 100 (6.9): 3.5, 121,285 (35.5) At 15 (1.0): 2.4, 81,220 (23.8) <b>Electric Models</b> - 21	<b>Gas Models</b> - 90,000 (26.4) <b>Steam Models</b> - At 100 (6.9): 4.0, 137,345 (40.2) At 15 (1.0): 2.8, 95,000 (27.8) <b>Electric Models</b> - 24	<b>Gas Models</b> - 120,000 (35.1) <b>Steam Models</b> - At 100 (6.9): 5.1, 177,500 (52) At 15(1.0): 3.4, 118,800 (34.8) <b>Electric Models</b> - See Below	<b>Gas Models</b> - 165,000 (48.3) <b>Steam Models</b> - At 100 (6.9): 6.1, 210,346 (61.6) At 15 (1.0): 4.1, 140,810 (41.2) <b>Electric Models</b> - See Below
Electrical Specifications	<b>Gas and Steam Models</b> - Amps 100/200-220/60/1 11/5.8 120/208-240/60/1 12/6.7 200-208/240/60/3 3.2/3.2 460-480/60/3 1.6 100/200/50/1 12.1/7.5 230-240/50/1 7.5 200/50/3 2.9 230-240/50/3 3.5 380/400-415/50/3 1.5/1.6 <b>Electric Models</b> - 208/60/1 64 240/60/1 57 200/60/1 64 200-208/60/3 37 240/60/3 33 460-480/60/3 16 200/50/1 63 230-240/50/1 58 200/5/3 36 230-240/50/3 33 380/50/3 20 400-415/50/3 18	<b>Gas and Steam Models</b> - Amps 100/200-220/60/1 11/5.8 120/208-240/60/1 12/6.7 200-208/240/60/3 3.2/3.2 460-480/60/3 1.6 100/200/50/1 12.1/7.5 230-240/50/1 7.5 200/50/3 2.9 230-240/50/3 3.5 380/400-415/50/3 1.5/1.6 <b>Electric Models</b> - 208/60/1 108 240/60/1 94 200/60/1 108 200-208/60/3 62 240/60/3 54 460-480/60/3 27 200/50/1 105 230-240/50/1 95 200/5/3 60 230-240/50/3 55 380/50/3 33 400-415/50/3 31	<b>Gas and Steam Models</b> - Amps 100/200-220/60/1 11/5.8 120/208-240/60/1 12/6.7 200-208/240/60/3 3.2/3.2 460-480/60/3 1.6 100/200/50/1 12.1/7.5 230-240/50/1 7.5 200/50/3 2.9 230-240/50/3 3.5 380/400-415/50/3 1.5/1.6 <b>Electric Models</b> - 208/60/1 122 240/60/1 107 200/60/1 122 200-208/60/3 71 240/60/3 62 460-480/60/3 31 200/50/1 119 230-240/50/1 108 200/5/3 65 230-240/50/3 62 380/50/3 38 400-415/50/3 35	<b>Gas and Steam Models</b> - Amps 120/60/1 9.3 200-208/240/60/1 5.1 200-208/240/60/3 2.8 460-480/60/3 1.4 230-240/50/1 6.3 200/50/3 3.3 230-240/50/3 3.1 380/400-415/50/3 1.6 <b>Steam Only</b> - 440/60/3 1.4 <b>Electric Models</b> - 30 kw 89 200-208/60/3 79 480/60/3 38 200/50/3 84 230/50/3 73 240/50/3 79 380/50/3 47 400-415/50/3 43 440/60/3 41 <b>Electric Models</b> - 21 kw 93 240/50/1 95	<b>Gas and Steam Models</b> - Amps 120/60/1 13.8 200-208/240/60/1 7.6 200-208/240/60/3 3.8 460-480/60/3 1.9 230-240/50/1 6.7 200/50/3 3.5 230-240/50/3 3.5 380/400-415/50/3 1.8 <b>Steam Only</b> - 440/60/3 1.9 <b>Electric Models</b> - 30 kw 88 200-208/60/3 79 480/60/3 38 200/50/3 84 230/50/3 73 240/50/3 79 380/50/3 47 400-415/50/3 43 440/60/3 41
Net Wt. (approx) - lb (kg)	299 (136)	331 (150)	361 (164)	545 (247)	615 (279)
Shipping Wt. - lb (kg)	332 (151)	364 (165)	394 (179)	602 (273)	677 (281)
Agency Approvals	<b>Gas Models</b> - CSA Star, CSA Flame, cCSA <sub>US</sub> , CE <b>Elec. and Steam Models</b> - cUL <sub>US</sub> , CE	<b>Gas Models</b> - CSA Star, CSA Flame, cCSA <sub>US</sub> , CE <b>Electric and Steam Models</b> - cUL <sub>US</sub> , CE	<b>Gas Models</b> - CSA Star, CSA Flame, cCSA <sub>US</sub> , CE <b>Electric and Steam Models</b> - cUL <sub>US</sub> , CE	<b>Gas Models</b> - CSA Star, CSA Flame, cCSA <sub>US</sub> , CE <b>Electric and Steam Models</b> - cCSA <sub>US</sub> , CE	<b>Gas Models</b> - CSA Star, CSA Flame, cCSA <sub>US</sub> , CE <b>Electric and Steam Models</b> - cCSA <sub>US</sub> , CE

\* Also available in optional heights of 72 1/4" (1835 mm) and 76 1/4" (1937 mm).

Tumbler models are made to suit a variety of electrical service characteristics. See your UniMac distributor for specifications. For further details on installation refer to Installation, Operation and Maintenance instructions supplied with the tumbler.

Due to continuous product improvements, design and specifications are subject to change without notice. Features and certifications may vary by model. The quality management systems at all Alliance Laundry Systems manufacturing facilities are registered as ISO 9001:2000 compliant.

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**AU05-201**

Also complies with international Electro-Magnetic Compatibility (EMC) Standards.

**www.uniwash.com**

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