

CONTINENTAL
GIRBAU INC.
CG75-85



Pro-Series II Dryers are engineered for the ultimate in efficiency, programmability and ease of use. Complete with properly balanced airflow, heat input and cylinder volume, the Pro-Series II line delivers high quality results and features that can dramatically increase laundry production.

LINT COMPARTMENT MUST BE CLEANED ONLY

PRO|SERIES II

- CG20-30
- CG30-40
- CG55-65
- CG50-60
- CG75-85
- CG115-25
- CG165-75

CONTINENTAL
GIRBAU INC.

PRO-SERIES II DRYING TUMBLERS

PRODUCTIVITY AND EFFICIENCY REDEFINED.

Pro-Series II Drying Tumblers are designed with quality components, easy-to-use programmable microprocessor controls and a multitude of features that dramatically increase laundry production and energy-efficiency. Properly balanced airflow, heat input and basket volume allows maximum production when matched with Continental Washer-Extractors.

Durability Unmatched

Durability characterizes Pro-Series II. The tumblers feature rugged cylinders; dual motors with overload protection; steel front, side and top panels coated inside and out with electrostatically applied, baked-on paint for superior bonding and corrosion resistance; an all-belt drive system with cast iron pulleys and permanently sealed bearings for quiet, low-maintenance operation; and durable kick-plates and cart bumpers to protect tumblers from nicks and scrapes. An exclusive annealed stainless steel backplate (available on all models except CG115-25 and CG165-75) is a standard feature that contributes to longer machine life and also reduces friction against tumbling laundry—extending linen life. No wonder Pro-Series II Tumblers are backed by an industry-leading factory warranty!

Ergonomic & Easy to Maintain

Ergonomic and easy to maintain, Pro-Series II dryers feature self-cleaning lint screens that support maximum airflow. Further contributing to ease of maintenance are conveniently accessible components and an automatic backdraft damper to prevent outside air from entering the laundry room. Because ergonomics matter, the tumblers feature oversized steel doors with reinforced metal door bars and hinges—simplifying loading and unloading and protecting the tumbler from outside impacts!

Energy-Efficiency

Several key features contribute to heightened energy-efficiency on Pro-Series II tumblers, including instant electronic ignition; a modular electrical system for added reliability and easy servicing; and a multiple burner heat system to efficiently and quickly reach desired temperatures. Pro-Series II delivers quick drying thanks to carefully balanced heat energy input and airflow. Perfectly balanced airflow prevents extra wear on fabrics and cuts drying time. The enclosed heat system captures intake air and preheats it before entering the tumbler—reducing energy costs without increasing drying time.

Pro-Series Microprocessor Control

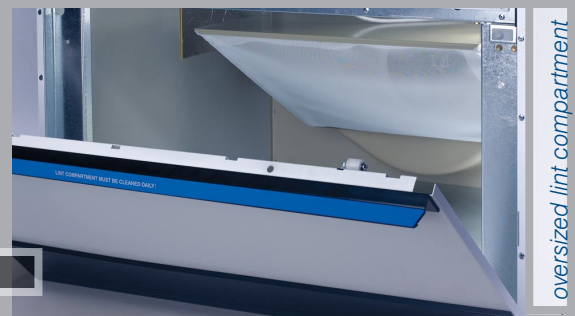
Pro-Series II Dryers feature a simple to use yet highly advanced control to make laundries more productive. Equipped with a multitude of features, the control offers four time-dry or auto-dry cycles and a no-heat cycle—making for simple operation. An auto-dry feature reduces over drying and the resulting risk of fire by automatically cooling the load once the predetermined dryness level is reached. An anti-wrinkle feature reduces the occurrence of wrinkles by initiating an unheated airflow and tumble action after the end-of-cycle signal.



dual motors



heavy-duty door bars



oversized lint compartment



flexible control



Compact Design of CG55-65

The Pro-Series II compact CG55-65 tumbler fits through a standard 36-inch doorway, takes up less space than most 50-pound capacity drying tumblers and offers more drying capacity—up to 65 pounds! Its smaller footprint and dimensions make it an appealing replacement machine for laundries looking to improve basket capacity and productivity per square foot. At 34.5 inches in width, the CG55-65 tumbler is super-slim so it fits into smaller spaces. Yet, thanks to innovative engineering, it also offers big capacity and productivity!

Axial Airflow for Small-Load Efficiency

CG20-30, CG30-40, CG55-65 Models

Pro-Series II small-capacity dryers feature axial airflow, a system that directs heated air through the load from back to front. Perforated cylinders and lifting ribs on the inside of the drum maximize airflow and tumbling action while also preventing tangling. The result is fast and efficient drying—exactly what on-premise laundries want!

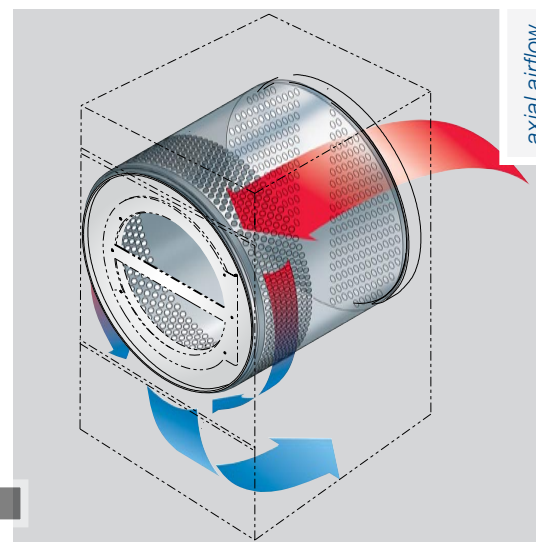
Radial Airflow for Larger Loads

CG50-60, CG75-85, CG115-25, CG165-75 Models

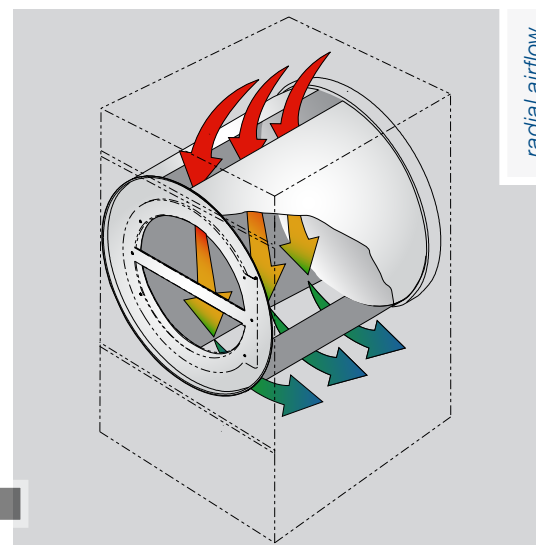
Pro-Series II large-capacity drying tumblers are designed with radial airflow—a system that captures heated intake air and distributes it evenly throughout the cylinder. Radial airflow ensures maximum load separation for big loads and bulky items and utilizes the tumbler's complete capacity for quick, even drying. As heated air is released from the top of the basket, linens, which are rotated from the bottom to the top, fall and separate throughout the entire cylinder. Simultaneously, heated air is pushed through and around the load—eliminating hot spots and expediting the drying process.

ISS Fire Sensing & Extinguishing

Continental understands the importance of safety. That's why we've equipped Pro-Series II dryers with an optional Integrated Sprinkler System (ISS), a sensing and extinguishing device that squelches dryer fires before they get out of control. ISS, which is available on CG50-60, CG75-85, CG115-25 and CG165-75, ensures laundries are better protected from the hazards and damage caused by dryer fires. ISS is always active—even after a load is complete—offering laundries added protection when a laundry is unattended. If ISS sensors detect a fire inside the dryer drum, the drum rotates and distributes water vapor—saturating laundry and extinguishing the fire. ISS continues to monitor the condition of the dryer and restarts if fire is again detected.



axial airflow



radial airflow



fire extinguishing system

DIMENSIONS & WEIGHTS

| | CG20-30 | CG30-40 | CG55-65 | CG50-60 | CG75-85 | CG115-25 | CG165-75 |
|--|---------------------------------|---------------------------------|-----------------------------------|--------------------------------------|--------------------------------------|------------------------------------|------------------------------------|
| Capacity <i>lbs (kg)</i> | up to 30 (12) | up to 40 (16) | up to 65 (26) | up to 60 (24) | up to 85 (34) | up to 125 (50) | up to 175 (70) |
| Airflow Type | Axial | Axial | Axial | Radial | Radial | Radial | Radial |
| Cylinder Diameter <i>inch (mm)</i> | 26.5 (673) | 30 (762) | 33 (838) | 37 (940) | 37 (940) | 44 (1118) | 50.75 (1289) |
| Cylinder Depth <i>inch (mm)</i> | 24 (610) | 30 (762) | 35 (889) | 30 (762) | 36 (914) | 41 (1041) | 42.5 (1080) |
| Cylinder Volume <i>cu. ft (m³)</i> | 7.7 (0.218) | 12.3 (0.35) | 17.3 (0.49) | 18.6 (0.53) | 22.4 (0.63) | 36.1 (1.02) | 49.7 (1.41) |
| Net Weight <i>lbs. (kg)</i> | | | | | | | |
| Gas/Electric | 300 (137) | 360 (163) | 435 (197) | 545 (247) | 615 (279) | 1275 (580) | 1575 (716) |
| Steam | 300 (137) | 360 (163) | 435 (197) | 545 (247) | 615 (279) | 1375 (625) | 1675 (761) |
| Crated Weight <i>lbs. (kg)</i> | | | | | | | |
| Gas/Electric | 332 (151) | 394 (179) | 476 (216) | 602 (273) | 677 (307) | 1338 (607) | 1667 (756) |
| Steam | 332 (151) | 394 (179) | 476 (216) | 602 (273) | 677 (307) | 1446 (656) | 1776 (806) |
| Machine Width <i>inch (mm)</i> | 28 (711) | 31.5 (800) | 34.5 (876) | 38.62 (981) | 38.62 (981) | 46.38 (1178) | 53.12 (1349) |
| Machine Depth <i>inch (mm)</i> | 40.87 (1038) | 46.87 (1191) | 53.62 (1362) | 47 (1194) | 53 (1346) | 67.92 (1725) | 68.85 (1749) |
| Machine Height <i>inch (mm)</i> | | | | | | | |
| Gas/Electric | 63.87 (1622) | 63.87 (1622) | 66.72 (1695) | 76.62 (1946) | 76.62 (1946) | 85.7 (2177) | 94 (2388) |
| Steam | 63.87 (1622) | 63.87 (1622) | 66.72 (1695) | 80 (2032) | 80 (2032) | 83.5 (2121) | 94 (2388) |
| Door Opening <i>inch (mm)</i> | 22.68 (576) | 22.68 (576) | 26.89 (683) | 26.89 (683) | 26.89 (683) | 26.89 (683) | 26.89 (683) |
| Floor to Door <i>inch (mm)</i> | 27.5 (699) | 27.5 (699) | 26.87 (682) | 30.75 (781) | 30.75 (781) | 31.38 (797) | 33.86 (860) |
| Shipping Dimensions <i>in. (mm)</i> (WxDxH) | 30 x 43 x 69 (762x1092x1753) | 33 x 49 x 69 (838x1245x1753) | 35.5 x 59 x 72 (902x1499x1829) | 41.5 x 52.1 x 81 (1054x1323x2057) | 41.5 x 56.4 x 81 (1054x1433x2057) | 48.5 x 72 x 90 (1232x1829x2286) | 58 x 74.5 x 99 (1473x1892x2515) |
| Motor Power <i>HP (kW)</i> | 2 @ 1/4 (0.19) | 2 @ 1/4 (0.19) | 2 @ 1/2 (0.37) | 2 @ 1/2 (0.37) | 2 @ 3/4 (0.56) | — | — |
| Reversing Motor Power <i>HP(kW)</i> | | | | | | | |
| Cylinder | — | — | — | 1/3 (0.25) | 1/3 (0.25) | 3/4 (0.56) | 3/4 (0.56) |
| Fan | — | — | — | 1/3 (0.25) | 1/3 (0.25) | 1 (0.75) | 3 (2.24) |

CONNECTIONS

| | | | | | | | |
|-----------------------------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Exhaust Diameter <i>inch (mm)</i> | 6 (152) | 8 (203) | 8 (203) | 8 (203) | 8 (203) | 10 (254) | 10 (254) |
| Exhaust Air Flow <i>cfm (l/s)</i> | | | | | | | |
| 60 Hz | 500 (236) | 650 (307) | 700 (330) | 750 (354) | 920 (434) | 1600 (755) | 2450 (1156) |
| 50 Hz | 430 (203) | 550 (260) | 600 (283) | 750 (354) | 750 (354) | 1600 (755) | 2450 (1156) |
| Electric Heating <i>kW</i> | 12 | 24 | 27 | 30 | 30 | — | — |
| Gas Connection <i>inch</i> | 1/2 N.P.T. | 1/2 N.P.T. | 1/2 N.P.T. | 1/2 N.P.T. | 1/2 N.P.T. | 3/4 N.P.T. | 1 N.P.T. |
| Gas Heating <i>BTU/h (Kcal/h)</i> | 64,000 (16120) | 90,000 (22670) | 112,000 (28230) | 120,000 (30240) | 165,000 (41580) | 300,000 (75570) | 395,000 (99500) |
| Steam Connection <i>inch</i> | 3/4 N.P.T. | 3/4 N.P.T. | — | 3/4 N.P.T. | 3/4 N.P.T. | 3/4 N.P.T. | 3/4 N.P.T. |
| Steam Heating <i>BTU/h (kW)</i> | | | | | | | |
| at 100 PSI (6.9 bar) | 134,700 (39.6) | 166,000 (48.6) | — | 177,500 (52) | 210,000 (61.6) | 405,000 (118.5) | 648,000 (189.7) |
| at 15 PSI (1.0 bar) | 89,940 (26.4) | 129,000 (37.8) | — | 119,000 (34.8) | 141,000 (41.2) | 272,000 (79.7) | 433,000 (126.9) |
| BHP Consumption <i>BHP</i> | | | | | | | |
| at 100 PSI (6.9 bar) | 3.9 | 4.8 | — | 5.1 | 6.1 | 11.7 | 18.8 |
| at 15 PSI (1.0 bar) | 2.6 | 3.7 | — | 3.4 | 4.1 | 7.9 | 12.6 |

AVAILABLE VOLTAGES

| | | | | | | | |
|--------------------------------|---------|---------|---------|-------------------|-------------------|-------|--------|
| Gas/Steam <i>Amp (Rev Amp)</i> | | | | | | | |
| 120/60/1 | 12 | 12 | 9.2 | 9.3 | 13.8 | — | — |
| 100/200-220/60/1 | 11/5.8 | 11/5.8 | 9.8/4.9 | — | — | — | — |
| 208-240/60/1 | 6.7 | 6.7 | 6.5 | — | — | — | — |
| 200-208/240/60/1 | — | — | — | 5.1/5.1 | 7.6/7.6 | — | — |
| 200-208/240/60/3 | 3.2/3.2 | 3.2/3.2 | 4.0/3.9 | 2.8/2.8 (4.0/4.0) | 3.8/3.8 (4.3/4.3) | — | — |
| 208-230/60/3 | — | — | — | — | — | (7.7) | (13.5) |
| 380/60/3 | 1.5 | 1.5 | — | 1.6/2.0 | 1.8/2.1 | — | — |
| 440/60/3 | — | — | — | 1.4 (1.9) | 1.9 (2.1) | (3.8) | (6.4) |
| 460-480/60/3 | 1.6 | 1.6 | — | 1.4 (1.9) | 1.4 (1.9) | (3.9) | (6.7) |
| 100/50/1 | 12.1 | 12.1 | 9.8 | — | — | — | — |
| 200/50/1 | 7.5 | 7.5 | — | — | — | — | — |
| 230-240/50/1 | 7.5 | 7.5 | — | 6.3 (6.9) | 6.7 (7.0) | — | — |
| 200/50/3 | 2.9 | 2.9 | — | 3.3 (4.2) | 3.5 (4.5) | — | — |
| 230-240/50/3 | 3.5 | 3.5 | — | 3.1 (4.3) | 3.5 (4.9) | — | — |
| 380/400-415/50/3 | 1.5/1.6 | 1.5/1.6 | — | 1.6/1.6 (2.0/2.0) | 1.8/1.8 (2.1/2.1) | (3.8) | (6.9) |
| Electric <i>Amp (Rev Amp)</i> | | | | | | | |
| 200/60/1 | — | 122 | 122 | — | — | — | — |
| 208/60/1 | 64 | 122 | 129 | — | — | — | — |
| 240/60/1 | 57 | 107 | 115 | — | — | — | — |
| 200-208/60/3 | 37 | 71 | 79 | 89 (88) | 89 (88) | — | — |
| 240/60/3 | 33 | 62 | 65 | 79 (78) | 79 (78) | — | — |
| 380/60/3 | 20 | 38 | — | 47 (48) | 47 (48) | — | — |
| 440/60/3 | — | — | — | 41 (41) | — | — | — |
| 460-480/60/3 | 16 | 31 | — | — | — | — | — |
| 480/60/3 | — | — | — | 38 (38) | 38 (38) | — | — |
| 200/50/1 | 63 | 119 | — | — | — | — | — |
| 230-240/50/1 | 58 | 108 | — | — | — | — | — |
| 240/50/1 | — | — | — | 93 (95) | — | — | — |
| 200/50/3 | 36 | 65 | — | 84 (85) | 84 (85) | — | — |
| 230/50/3 | — | — | — | 73 (75) | 73 (75) | — | — |
| 240/50/3 | — | — | — | 79 (78) | 79 (78) | — | — |
| 230-240/50/3 | 33 | 62 | — | — | — | — | — |
| 380/50/3 | 20 | 38 | — | 47 (48) | 47 (48) | — | — |
| 400-415/50/3 | 18 | 35 | — | 43 (44) | 43 (44) | — | — |

* Product specifications are subject to change without notice. For the most current product specifications including CAD details, technical specifications and warranty, please visit www.continentalgirbau.com.

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