



# E-SERIES HIGH PERFORMANCE 20-POUND CAPACITY WASHER-EXTRACTOR

Designed to drive down gas, water and electrical costs while improving productivity, Continental E-Series High-Performance Washer-Extractors deliver high-speed extract, an easy-to-install freestanding design, unmatched durability and the ultimate in programmability!

## INNOVATIVE TECHNOLOGY

### CONTINENTAL'S MOST FLEXIBLE CONTROL EVER

The highly flexible Logi Pro Control offers 25 individually modifiable programs—each with up to 11 baths including multiple pre-wash, wash and rinse cycles. Variables within each bath—including wash temperature, six water levels, cycle times, rotation and G-force extract speeds—can be individually programmed for maximum efficiency given the load type. E-Series Washers can also be programmed for automatic chemical injection—ensuring a consistent clean with every wash and eliminating the possibility of chemical overuse and resulting damage to fabric.



### STINGY ON WATER

E-Series technology allows for superior wash quality using considerably less water than most toploads on the market. A sump-less design, exclusive AquaFall™ system and a highly programmable control combine to slash water usage and ensure excellent wash quality. Compared with most top-load washers, which consume 31-40 gallons of water per load, E-Series uses as little as 13.4\* gallons per load! Less water used equates to less water heated and additional savings in gas and electricity. No wonder it's ENERGY STAR® qualified as a top tier industrial washer for efficiency!



AquaFall™ System



Sumpless Design

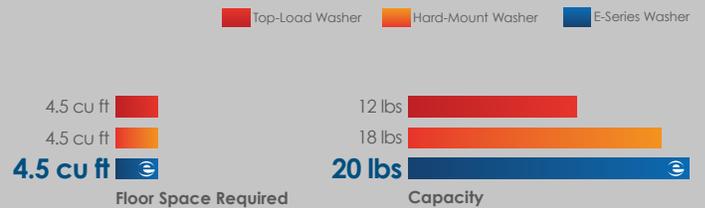


Oversized Door

## E-SERIES WASHER-EXTRACTORS DELIVER MORE USING LESS

### SMALLER MACHINE – GREATER OUTPUT

E-Series Washers fit into the same space as most top-load washers, yet offer 40% greater capacity. Larger loads equate to increased productivity. E-Series Washers use the same power requirements as top-load washers and as a result are an easy replacement for these less efficient models.



### MORE EFFICIENCY – DECREASED UTILITY COSTS

E-Series Washers use up to 57 percent less water per load! This translates into significant savings of water usage and water-heating costs. The high-speed extract of E-Series' further reduces utility costs by decreasing the gas or electricity used to dry a load.



### THE BOTTOM LINE—BOOSTED PRODUCTIVITY

How can E-Series Washers produce more laundry per hour when compared to larger, lower-performance machines? The answer lies in wash and dry throughput. E-Series Washers reach much higher extraction speeds—resulting in greater moisture removal, shortened dry time and boosted productivity. E-Series Washers move soiled laundry through the wash and dry process faster. This boosts productivity, reduces labor costs and extends linen life by minimizing exposure to dryer heat and tumbling.

\* Models Used in Comparison: Continental JWB20 top-load washer; Continental L1018 3-phase hard-mount washer; Continental EH020 1-phase E-Series Washer

## UNIQUE DESIGN

### HIGH-SPEED EXTRACT & FREESTANDING DESIGN

A 20-pound capacity washer, E-Series features a freestanding design that allows for extraction speeds of up to 300 G-force, about 200 G-force more than most top-load washers and 100-150 G-force more than most similarly sized hard-mount washers. The super-speed extract removes more water from each load—slashing dry time and resulting gas consumption by up to 50%! Production, in turn, is significantly enhanced using less labor and utilities. And, unlike hard-mount machines that must be bolted to concrete foundations, the freestanding design of E-Series Washers allows them to be easily installed and moved—using the same footprint as most top-load washers. To further facilitate easy installation, E-Series Washers use single-phase power which is easily available at most on-premise locations.



### PROVEN CONSTRUCTION, DURABILITY & LONGEVITY

E-Series Washers feature inner and outer drums of durable AISI-304 stainless steel, oversized bearings and bearing housings and a quality sealing system. They are engineered using as few welds as possible to attain unmatched strength. The oversized door, which allows for easy loading and unloading, is equipped with heavy-duty, bolt-style door hinges to withstand the rigors of constant use.

### EASE OF MAINTENANCE

Nearly all components are accessible via the front or top cover of the washer, which is easily removed without interfering with detergent dispensers. Bearings are lubricated for a lifetime, the poly-v belt needn't be tightened, and bearings and seals are easily replaced without removing the washer drum. Everything about E-Series mandates ease of maintenance and component accessibility. Choose from standard gravity drain, or optional pump drain.



### ENERGY STAR QUALIFIED

Continental E-Series Washers offer unrivaled efficiency for on-premise laundries looking for a small-load commercial washer-extractor. E-Series Washers boast a superior 2.21 MEF (Modified Energy Factor) and 5.03 WCF (water consumption factor); use just 13.4 gallons of water per load; and offer high-speed extract for shortened dry times and improved productivity. Energy Star qualified, E-Series Washers often qualify for local utility rebates.



### BACKED BY A COMMERCIAL WARRANTY

Engineered to withstand the rigors of constant use, E-Series Washers offer an industry-leading commercial warranty.

**CONTINENTALCARE™**  
BUY WITH COMPLETE CONFIDENCE

3-YR LIMITED PARTS WARRANTY  
5-YR KEY COMPONENT WARRANTY

# E-SERIES HIGH PERFORMANCE 25-POUND CAPACITY DRYING TUMBLER

Equipped with an oversized door, dryer window and cylinder light, E-Series Drying Tumblers are not only easy to use, they are incredibly efficient! With up to 25 pounds of capacity and gas or electric heat, E-Series Dryers are the right choice for any on-premise laundry with small load requirements. Loaded with industrial-grade features that ensure durability and simplify maintenance, E-Series Dryers are built to last.

## COMPACT DRYING TUMBLER

### INDUSTRIAL-GRADE EFFICIENCY AND DURABILITY

Featuring AISI-304 stainless steel top, front and side panels, the E-Series Drying Tumbler echos the efficiency and durability of the E-Series Washer-Extractor. The robust 7.0 cu. ft. cylinder and 1/3 HP motor are a perfect match in capacity and power to the E-Series Washer. In addition, E-Series Dryers boast efficient axial airflow that maximizes water removal. Laundry dries faster—resulting in a significant savings in labor and utility costs.

### ERGONOMIC DESIGN

Utilizing a sensible ergonomic design with an oversized door, cylinder light, unique dryer window, and optional elevation base, the E-Series Dryer makes loading and unloading a snap. The large door—with a left or right swing—features heavy-duty hinges to withstand the rigors of constant use.



### FLEXIBLE CONTROL

The dryer control, which mirrors the look of the E-Series Washer control, offers four temperature settings including high, medium, low and delicate. It couldn't be simpler to operate thanks to easy-to-understand icons that show operating instructions and a digital display that illuminates machine cycle status.

### EASY TO INSTALL, SERVICE & MAINTAIN

E-Series Dryers share the same dimensions and utility connections as most home-style dryers, and as a result, are an smart replacement for

these less efficient models. Designed for minimal maintenance and simplified serviceability, the drying tumbler features a lint filter that's easy to reach and clean, but doesn't get in the way of users. When service is necessary, most components are accessible from the front—eliminating the need to move the machine. The motor, blower, heating element, gas valve and thermostats are serviceable through a lower front panel without having to disconnect the door switch.

### GAS OR ELECTRIC

Underwriters Laboratories (UL) and CSA International listed, E-Series Dryers are available in gas or electric heat.



Door Window



Large Cylinder



### BACKED BY A COMMERCIAL WARRANTY

Constructed for longevity in the most demanding environments, E-Series Drying Tumblers are backed by an industry-leading commercial warranty.

**CONTINENTALCARE™**  
BUY WITH COMPLETE CONFIDENCE

3-YR LIMITED PARTS WARRANTY



# ADVANCED ENGINEERING FOR UNRIVALLED EFFICIENCY

|                      |  | EH020                                 |  |
|----------------------|--|---------------------------------------|--|
| DIMENSIONS & WEIGHTS | Capacity lbs (kg)                        | 20 (8)                                |  |
|                      | Cylinder Diameter inch (mm)              | 21.1 (536)                            |  |
|                      | Cylinder Depth inch (mm)                 | 13.8 (351)                            |  |
|                      | Cylinder Volume cu ft (dm <sup>3</sup> ) | 2.8 (79.2)                            |  |
|                      | Net Weight lbs (kg)                      | 279 (127)                             |  |
|                      | Crated Weight lbs (kg)                   | 301 (137)                             |  |
|                      | Machine Width inch (mm)                  | 27 (685)                              |  |
|                      | Machine Depth inch (mm)                  | 27.6 (700)                            |  |
|                      | Machine Height inch (mm)                 | 42.5 (1080)                           |  |
|                      | Door Opening inch (mm)                   | 12.7 (322)                            |  |
| GENERAL              | Floor to Door inch (mm)                  | 15.4 (390)                            |  |
|                      | Shipping Dimensions inch (mm) (WxDxH)    | 28.3 x 29.1 x 47.7 (720 x 740 x 1212) |  |
|                      | Control Options                          | Logi Pro                              |  |
|                      | Washing Speeds rpm                       | 50                                    |  |
|                      | Spin Speeds rpm                          | 50/100/580/690/780/970                |  |
|                      | G-force                                  | 0.75/3/101/143/183/300                |  |
|                      | Modified Energy Factor (MEF)*            | 2.21                                  |  |
|                      | Water Consumption Factor (WCF)*          | 5.03                                  |  |
|                      | Drain Diameter inch (mm)                 | 1 (25.4)                              |  |
|                      |  | pump<br>gravity<br>2 (51)             |  |
| CONNECTIONS          | Water Inlets inch (mm)                   | 3/4 (19)                              |  |
|                      | Recommended Water Pressure PSI (bar)     | 30-60 (2-4)                           |  |
|                      | Water Flow gal/min (l/min)               | 8 (30)                                |  |
|                      | Motor Power kW                           | 0.8                                   |  |

|  |                                     | KFE/KFG             |  |
|--|-------------------------------------|---------------------|--|
| Capacity lbs (kg)                        | up to 25 (10)                       |                     |  |
| Cylinder Volume cu ft (dm <sup>3</sup> ) | 7 (199)                             |                     |  |
| Net Weight lbs (kg)                      | Electric / Gas                      | 150 (68) / 155 (70) |  |
| Crated Weight lbs (kg)                   | Electric / Gas                      | 160 (73) / 165 (75) |  |
| Machine Width inch (mm)                  | 26.88 (683)                         |                     |  |
| Machine Depth inch (mm)                  | 28 (711)                            |                     |  |
| Machine Height inch (mm)                 | 40.75 (1035)                        |                     |  |
| Door Opening inch (mm)                   | 20.5 (521)                          |                     |  |
| Shipping Dimensions inch (mm) (WxDxH)    | 29.5 x 30.5 x 45 (749 x 775 x 1143) |                     |  |
| Exhaust Diameter inch (mm)               | 4 (102)                             |                     |  |
| Exhaust Air Flow cfm (m <sup>3</sup> /h) | 220 (374)                           |                     |  |
| Cylinder Motor Power Hp                  | 1/3                                 |                     |  |
| Gas Heating BTU/h (Kcal/h)               | 25,000 (6300)                       |                     |  |
| Gas Inlet Diameter inch                  | 3/8 NPT                             |                     |  |



EH020



KFE/KFG



Stack Option

\* Modified Energy Factor (MEF) measured in cubic feet per kilowatt-hour per cycle. Water Consumption Factor (WCF) measured in gallons per cycle per cylinder cubic feet. MEF and WCF statistics are according to Department of Energy (DOE) testing standards report by Intertek, an independent testing laboratory.  
 \*\* Product specifications and details are subject to change without notice. For the most current and complete technical specifications, architectural line drawings and warranty information, please visit [www.continentalgirbau.com](http://www.continentalgirbau.com). E-Series Washer-Extractors are available in 20- to 255-pound capacities.

# CONTINENTAL GIRBAU INC. & GIRBAU GROUP

Continental Girbau Inc. (Continental) was established in 1995 as the North American subsidiary of the commercial laundry equipment manufacturer, Girbau Group, headquartered in Vic, Spain. Family owned, Girbau employs more than 600 people throughout its corporate headquarters in Vic and 14 subsidiaries throughout the world. It markets its industrial and commercial laundry products to more than 90 countries worldwide.

## THE TOTAL LAUNDRY SOLUTION

Continental delivers the total laundry solution to vended, on-premise and industrial laundries throughout North America. As the provider of highly-efficient batch tunnel washers, washer-extractors, drying tumblers, feeders, ironers, folders and related machinery, Continental serves the complete laundry production and efficiency needs of virtually any application. Proven durable and reliable, Continental laundry systems are engineered for unrivaled productivity, efficiency and ease of use.

## OUR MISSION: YOUR SUCCESS

Continental's mantra – "Our Mission: Your Success" – reflects the company's commitment to its distributors and customers. We offer robust laundry systems backed by unrivaled customer care.

## WARRANTY

Backed by an industry-leading ContinentalCare™ warranty E-Series Washer-Extractors and Drying Tumblers are built to last.

## SIZING & CONFIGURATION

Every laundry operation is unique, with a distinctive set of production and efficiency goals. Uniquely, E-Series Washer-Extractors and Drying Tumblers offer the flexibility and programmability to meet any need—boosting production and lowering labor, water and energy usage. Continental's team of experts work closely with facilities to properly size equipment for improved laundry room efficiency and productivity.

## FINANCING

Financing allows you to retain full ownership of your business and its assets while helping to preserve your cash, liquidity and revolving lines of credit for emergency use, working capital and other investments. Through CustomSelect™ Financing, Continental Girbau offers flexible financing and competitive fixed rates to all qualifying applicants.

## ENVIRONMENTALLY FRIENDLY

Continental laundry products meet rigorous environmental and safety standards established by the International Organization for Standardization (ISO). Ever focused on laundry efficiency, Continental Girbau is a member of the U.S. Green Building Council (USGBC), a 501(c)(3) nonprofit that developed the Leadership in Energy and Environmental Design (LEED) Green Building Rating System.



**CONTINENTALCARE™**  
BUY WITH COMPLETE CONFIDENCE  
INDUSTRY-LEADING FACTORY WARRANTY



**DISTRIBUTED BY:**



**CONTINENTAL**  
GIRBAU®

Do not allow children to operate machine.



**DOOR IS EQUIPPED WITH INTERLOCK SAFETY DEVICE**

- Never try to open the door if:
  - Cycle has not finished
  - Drain has not completely stopped
  - Water has not been completely drained.

**INTELLI CONTROL**



The control panel features a digital display showing '12 min' and various icons. Below the display is a numeric keypad (1-9, 0, C) and a red 'STOP' button. The 'CONTINENTAL GIRBAU INC' logo is printed below the keypad.



**eSERIES®**

HIGH-PERFORMANCE SOFT-MOUNT  
WASHER-EXTRACTORS FOR ON-PREMISE LAUNDRIES  
EH030 | EH040 | EH060

E-Series Washers, in 30-, 40- and 60-pound capacities, offer an easy-to-install freestanding design, highly programmable controls and superior energy efficiency. Designed to reach extract speeds up to 400 G-force, E-Series Washers remove more water from every load, cutting dry time and catapulting laundry productivity. Simple to use, E-Series Washers properly clean virtually any fabric type in considerably less time, using less labor. Robustly engineered, E-Series Washers are backed by an industry-leading 5/3-year ContinentalCare Warranty.

## ZERO-IMPACT INSTALLATION

The freestanding design of E-Series allows for quick installation and same-day operation. Unlike hard-mount washers, there is no need to bolt E-Series Washers to concrete foundations. The machines are constructed using a Multi-Directional Springs (MDS) system that absorbs 95 percent of all vibrations during the wash process. This allows installation in unconventional locations, including rooms with in-floor heat and second-story laundries—all with little or no floor preparation or cost. Moreover, the freestanding design allows laundries to easily relocate E-Series Washers with zero impact on the facility, resulting in very low residual moisture levels.

## PROVEN CONSTRUCTION, DURABILITY & LONGEVITY

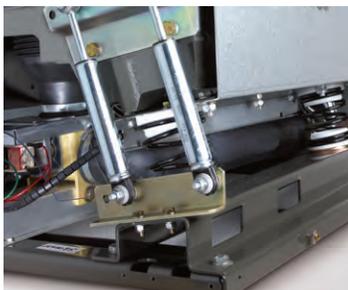
E-Series Washers feature durable AISI-304 stainless steel inner and outer drums designed for constant use. The front, side and top panels are constructed of steel and coated with Continental's unique Titan Steel Finish® for superior appearance and corrosion resistance. Each component is engineered with as few welds as possible for unmatched strength. The oversized door, which allows for easy loading and unloading, is also equipped with a heavy-duty, bolt-style hinge to withstand the rigors of constant use. Rounded cabinet corners, oversized bearings and a quality sealing system ensure years of trouble-free use.

## EASE OF MAINTENANCE

We've simplified maintenance requirements on our E-Series line, and simultaneously, ensured accessibility of components. The top panel of the washer is easily removed without interfering with chemical dispensers. The drain is easily accessible via the removal of the front panel. Bearings are lubricated for a lifetime, the poly-v belt needn't be tightened and bearings and seals are easily replaced without removing the washer drum.

## SMOOTH TOUCH

This system of deep-punched holes, without sharp edges, ensures that the linen is treated delicately. SmoothTouch aids the evacuation of water during the final spin, resulting in very low residual moisture levels.



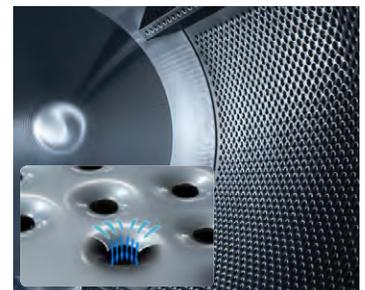
MDS SYSTEM



COMPONENT ACCESSIBILITY



NO WELDS



SMOOTH TOUCH STAINLESS STEEL CONSTRUCTION

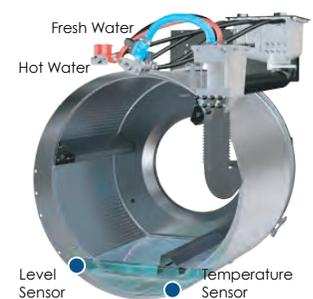
## SUPERIOR WASH QUALITY

E-Series technology allows for superior wash quality using considerably less water than many competitive washers. E-Series Washers are designed without a sump – a water containment area at the base of the washer. This saves up to 3 gallons of water with each fill when compared to machines equipped with an outer tub sump. Less water used equates to lower water-heating costs and reduced chemical usage.

Advanced engineering also allows E-Series Washers to conserve even more water via the exclusive AquaFall™ system. With AquaFall, water is released into the load through holes in the drum lifters. As the drum turns, the lifters release water from above for better saturation and rinsing using less water and time. Less water used equates to considerable savings in water usage and water heating costs!



Continental's AquaMixer™ system further improves wash action by mixing hot and cold water to achieve precise bath temperatures—saving energy while minimizing hot water consumption and reducing wash time.

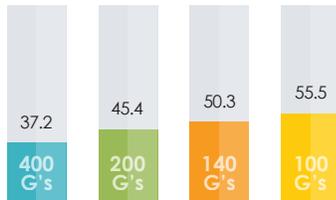


# DELIVER MORE USING LESS

Whether your replacing or buying new, highly efficient laundry equipment may seem like a big investment up front, but the monetary investment will pay for itself in no time through utility efficiencies and increased staff productivity.



## LESS WATER REMAINING AFTER EXTRACT



### Pounds of Water Retained – 60lb Load

The freestanding design of E-Series enables extraction speeds up to 400 G-force. The high-speed extract removes significantly more water from each load—decreasing dry time. With less moisture in the linen upon completion of the wash cycle, the time and utilities required to dry a load are significantly reduced and sometimes eliminated. Linen can then be directly transferred from the washer to a flatwork ironer.

Assumptions: 100% load saturation; moisture retention: 62% – 400Gs, 76% – 200Gs, 84% – 140Gs, 92% – 100Gs.



## LESS DRY TIME



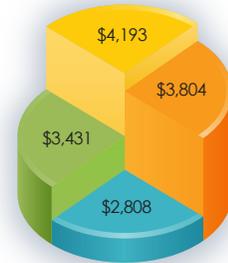
### Minutes of Dry Time – 75lb Dryer

Because less water is retained in linen, dry time is reduced and linen is exposed to less mechanical action and heat—reducing linen wear. Dryer operating time is also reduced—extending equipment life and slashing gas consumption.

Assumptions: Water removal rate of 1.2 lbs/minute.



## LESS DRYER GAS USAGE



### Annual Gas Costs – 75lb Dryer

Reducing dry time can cut the gas consumed to dry a load by more than 33 percent! In turn, on-premise laundries will significantly decrease associated gas costs.

Assumptions: 11 loads/day, 2103 BTUs evaporates 1lb of water, \$0.895/therm (U.S. Feb 2016 National Average)

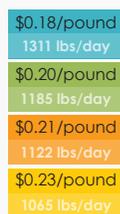
## THE BOTTOM LINE? BOOSTED PRODUCTIVITY!

How can E-Series Washers produce more laundry per hour when compared to lower-performance machines? The answer lies in wash and dry throughput. E-Series Washers reach much higher extraction speeds—resulting in greater moisture removal, shortened dry time and boosted productivity. This boosts productivity, reduces labor costs and extends linen life by minimizing exposure to dryer heat and tumbling.

### Reduced Cost per Pound

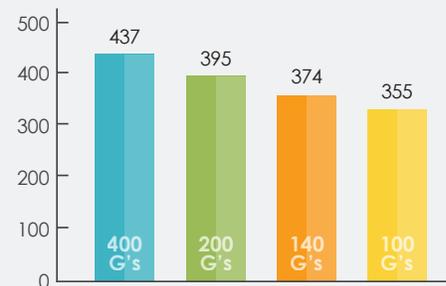
The two most important factors that impact the day-to-day laundry operation are equipment and labor. On average, labor accounts for 60 percent of the laundry room budget. By installing high-extract washers one full time employee can process more pounds of soiled laundry per hour—reducing your cost to process laundry per pound.

Assumptions: 1 FTE at \$10/hour operating 3 60lb washers and 3 75lb dryers 8 hours a day 365 days per year.



### Increased Laundry Throughput 60lb Washer & 75lb Dryer

Pounds Processed / 8-hour Shift  
Soiled Laundry → Wash → Dry → Ready to Fold!



KEY ● 400 Gs ● 200 Gs ● 140 Gs ● 100 Gs

Load Assumptions: 60lb 100% cotton soiled load (60lb washer & 75lb dryer; 35 minute wash cycle time. All calculations have been derived from engineering information available to Continental Girbau Inc. (CGI) at the time this brochure was produced. CGI makes no guarantee of actual results as conditions may vary.



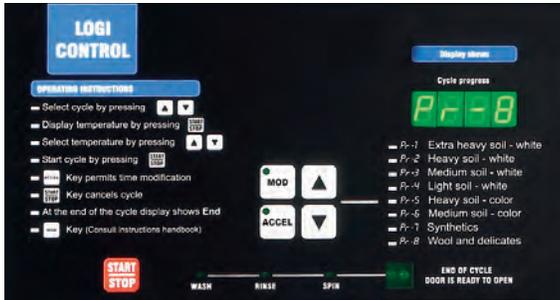
## SAME DAY OPERATION WE'RE DONE ... THEY'RE STILL DIGGING.

The freestanding, soft-mount design of E-Series Washer-Extractors remove the variables associated with installation that can potentially cause problems in machine performance. Because there is no need to bolt the machines to the floor, concrete preparation, curing, grouting, hole drilling and foundation anchoring are eliminated. Continental's soft-mount design allows for fast installation and maintenance. One the machine is leveled and connected to utilities, it is ready for use! In addition, if your laundry has outgrown its space, or is in need of additional equipment, your soft-mount washer can be moved with zero impact on the existing space.

# INNOVATIVE TECHNOLOGY

## CONTROL FLEXIBILITY

E-Series offers two programmable controls—the Logic and Intelligent. Both offer unrivaled flexibility by allowing programmability of nearly every variable of the wash process. In doing so, E-Series Washers can be programmed to maximize productivity and water savings, while meeting the cleaning specifications of a wide variety of fabric types. Automatic chemical injection ensures items are properly cleaned every time, eliminating fabric damage due to chemical overuse. Despite their advanced technology, the controls couldn't be easier to use. Once the programs are set, operators simply select a program number and push start.



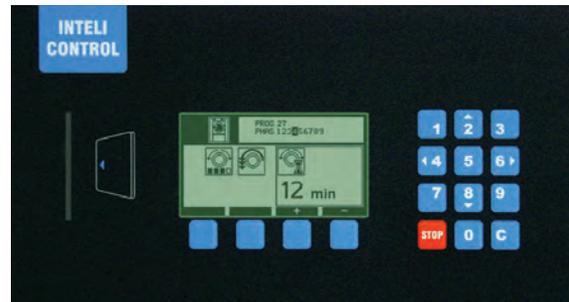
### LOGIC (LOGI) CONTROL

The highly flexible Logi Control, available on EH030, EH040 and EH060 models, offers eight individually modifiable programs – each with up to nine baths including multiple pre-wash, wash and rinse cycles. Variables within each bath – wash temperature, water levels, cycle times, rotation and G-force extract speeds – can be individually programmed for maximum efficiency given the load type. E-Series Washers can also be programmed for automatic chemical injection, which ensures a consistent clean and eliminates chemical overuse and fabric damage.

- 8 modifiable programs
- Up to 9 phases per program
- 4 selectable water levels
- Connection to an external dosing system
- Failure check and alarm messages
- Test program
- Rinse Hold – soak option
- Crease-guard thermal cool down
- Programmable for delayed start
- Gradual cool down

### INTELLIGENT (INTELI) CONTROL

Continental's most flexible and dynamic control ever, the Inteli allows complete control of every conditional aspect of the wash process! Featuring an LCD display with easy-to-understand icons that indicate cycle and programming status, the control can be programmed manually or by using a memory card. With 20 preprogrammed cycles and up to 79 individually modifiable cycles, users can control water temperature (by degree), wash rotation speed and duration, five on/off wash rotation combinations, multiple water levels, bath cool-down (by degree) and six programmable extract speeds. The Inteli is so flexible, it can be programmed for a wash cycle of as little as three minutes up to an extended program lasting hours or days. An auxiliary heat option allows bath water temperatures to be increased by degree.



E-Series 30- and 40-pound capacity models feature four standard (12 optional) chemical injection signals with programmable time dosing and flush. The 60-pound capacity E-Series Washers feature 12 standard chemical injection signals. The Inteli also supports independent flush control of its four compartment chemical hopper. Optional overnight soak and delayed start are also standard features.

- 99 programs (20 preprogrammed & 79 modifiable)
- Unlimited number of phases per program
- 6 selectable water levels
- Connection to an external dosing system
- Adjustable dosing signal length
- Simultaneous dosing of two products
- Failure check and alarm messages
- Test program
- Can manually adjust parameters during wash cycle
- Load Sensing – adjusts water and detergent according to load
- Rinse Hold – soak option
- Crease-guard thermal cool down
- Programmable for delayed start
- Individual cycle and program counter
- Gradual cool down

### DUAL SAFETY FEATURES

E-Series washers have dual safety features. The washer is only active if a closed door and locked door signal have been validated. In each washing cycle, the system checks the status (open/closed) of the safety controls.



### GDRIVE

An exclusive management and communication system – between the inverter, motor and microprocessor – ensures that the whole assembly is properly balanced for a longer life. GDrive works to save energy while reducing noise, vibration and component fatigue.



|                         | EH030                                    | EH040                                    | EH060                                   |  |                  |
|-------------------------|--|--|---|--|------------------|
| DIMENSIONS & WEIGHTS    | Capacity lbs (kg)                        | 30 (14)                                  | 40 (19)                                 | 60 (27.2)                                  |                  |
|                         | Cylinder Diameter inch (mm)              | 24.4 (620)                               | 27.6 (700)                              | 30.1 (765)                                 |                  |
|                         | Cylinder Depth inch (mm)                 | 16.4 (416)                               | 17.7 (450)                              | 20.5 (520)                                 |                  |
|                         | Cylinder Volume cu ft (dm <sup>3</sup> ) | 4.4 (126)                                | 6.1 (173)                               | 8.4 (239)                                  |                  |
|                         | Net Weight lbs (kg)                      | 758 (344)                                | 1049 (476)                              | 1289 (584)                                 |                  |
|                         | Crated Weight lbs (kg)                   | 820 (372)                                | 1102 (500)                              | 1338 (607)                                 |                  |
|                         | Machine Width inch (mm)                  | 31.3 (796)                               | 34.2 (868)                              | 38.4 (975)                                 |                  |
|                         | Machine Depth inch (mm)                  | 34.9 (887)                               | 37.9 (962)                              | 48.2 (1225)                                |                  |
|                         | Machine Height inch (mm)                 | 52.2 (1325)                              | 55.3 (1404)                             | 58.1 (1477)                                |                  |
|                         | Door Opening inch (mm)                   | 12.9 (327)                               | 16.8 (426)                              | 15.7 (400)                                 |                  |
| Floor to Door inch (mm) | 20 (509)                                 | 20.3 (515)                               | 22.9 (581)                              |  |                  |
| GENERAL                 | Shipping Dimensions inch (mm)<br>(WxDxH) | 32.4 x 37.2 x 58.8<br>(823 x 945 x 1494) | 35.3 x 40 x 61.6<br>(897 x 1017 x 1565) | 39.4 X 49.6 X 64.2<br>(1002 X 1260 X 1630) |                  |
|                         | Control Options                          | Logic or Intelligent                     | Logic or Intelligent                    | Logic or Intelligent                       |                  |
|                         | Washing Speeds rpm                       | Logic Control<br>Intelligent Control     | 48<br>13/27/36/43/48                    | 45<br>13/25/34/40/45                       | —<br>22/27/36/42 |
|                         | Spin Speeds rpm                          | 99/400/600/800/1005                      | 99/350/550/750/950                      | 86/350/550/725/966                         |                  |
|                         | G-force                                  | 0.75/3/56/125/222/351                    | 0.75/4/48/119/221/354                   | 3.15/52/130/225/400                        |                  |
| CONNECTIONS             | Drain Diameter inch (mm)                 | 3 (76)                                   | 3 (76)                                  | 3 (76)                                     |                  |
|                         | Water Inlets inch (mm)                   | 3/4 (19)                                 | 3/4 (19)                                | 2 @ 3/4 (19)                               |                  |
|                         | Recommended Water Pressure PSI (bar)     | 30-60 (2-4)                              | 30-60 (2-4)                             | 30-60 (2-4)                                |                  |
|                         | Water Flow gal/min (l/min)               | 16 (60)                                  | 16 (60)                                 | 16 (60)                                    |                  |
|                         | Total Power kW                           | 0.87                                     | 1.6                                     | 1.88                                       |                  |



\* Product specifications and details are subject to change without notice. For the most current and complete technical specifications, architectural line drawings and warranty information, please visit [www.continentalgirbau.com](http://www.continentalgirbau.com). E-Series Washer-Extractors are available in 20- to 255-pound capacities.

# CONTINENTAL GIRBAU INC. & GIRBAU GROUP

Continental Girbau Inc. (Continental) was established in 1995 as the North American subsidiary of the commercial laundry equipment manufacturer, Girbau Group, headquartered in Vic, Spain. Family owned, Girbau employs more than 600 people throughout its corporate headquarters in Vic and 15 subsidiaries throughout the world. It markets its industrial and commercial laundry products to more than 90 countries worldwide.

## THE TOTAL LAUNDRY SOLUTION

Continental delivers the total laundry solution to vended, on-premise and industrial laundries throughout North America. As the provider of highly efficient batch tunnel washers, washer-extractors, drying tumblers, feeders, ironers, folders and related machinery, Continental serves the complete laundry production and efficiency needs of virtually any application. Proven durable and reliable, Continental laundry systems are engineered for unrivaled productivity, efficiency and ease of use.

## OUR MISSION: YOUR SUCCESS

Continental's mantra – "Our Mission: Your Success" – reflects the company's commitment to its distributors and customers. We offer robust laundry systems backed by unrivaled customer care.

## WARRANTY

E-Series Washer-Extractors are backed by an industry-leading 5/3-year ContinentalCare warranty.

## SIZING & CONFIGURATION

Every laundry operation is unique, with a distinctive set of production and efficiency goals. Uniquely, E-Series Washer-Extractors offer the flexibility and programmability to meet any need—boosting production and lowering labor, water and energy usage. Continental's team of experts work closely with facilities to properly size equipment for improved laundry room efficiency and productivity.

## FINANCING

Financing allows you to retain full ownership of your business and its assets while helping to preserve your cash, liquidity and revolving lines of credit for emergency use, working capital and other investments. Through CustomSelect™ Financing, Continental Girbau offers flexible financing and competitive fixed rates to all qualifying applicants.

## ENVIRONMENTALLY FRIENDLY

Continental laundry products meet rigorous environmental and safety standards established by the International Organization for Standardization (ISO) ISO), including ISO9001 and ISO14001. Ever focused on laundry efficiency, Continental Girbau is a member of the U.S. Green Building Council (USGBC), a 501(c)(3) nonprofit that developed the Leadership in Energy and Environmental Design (LEED) Green Building Rating System.



**CONTINENTALCARE**  
BUY WITH COMPLETE CONFIDENCE

3-YR LIMITED PARTS WARRANTY  
5-YR KEY COMPONENT WARRANTY

## DISTRIBUTED BY:





Designed to drive down water, electrical and gas costs while improving productivity, E-Series large capacity washer-extractors deliver high-speed extract, an easy-to-install, freestanding design, unmatched durability and the ultimate in programmability!

EH090  
EH130  
EH255

**CONTINENTAL**  
GIRBAU®



## E-SERIES HIGH-PERFORMANCE WASHER-EXTRACTORS MAXIMIZING ENERGY EFFICIENCY & PRODUCTIVITY

*Designed to drive down utility costs while improving productivity, E-Series large-capacity, open-pocket washer-extractors in 90-, 130- and 255-pound capacities deliver high-speed extract, an easy-to-install, freestanding design, unmatched durability and the ultimate in programmability!*

### ZERO-IMPACT INSTALLATION

Constructed using a Multi-Directional Springs (MDS) system that absorbs 95 percent of all vibrations, E-Series Washers can be installed in unconventional locations, including areas with in-floor heat and above ground-level laundries—all with little or no floor preparation or facility improvement or waiting time for operation. Moreover, the freestanding design allows laundries to easily relocate these machines with zero impact on the facility.

### SUPER-SPEED EXTRACT

E-Series Washers quietly and gently reach extract speeds up to 387 G-force, about 250 G-force more than most hard-mount washers. The high-speed extraction removes more water from each load—reducing dry time, operating time, utility consumption and labor expense. By cutting dry time, damaging heat exposure and mechanical action are also reduced, resulting in less linen wear. Linen lasts longer and so do your dryers, which run fewer hours per day.

### EFFICIENCY UNCOMPROMISED

E-Series technology allows for superior wash quality using considerably less water than many competitive washers. E-Series are designed without a sump – a water containment area at the base of the washer. This saves up to 3 gallons of water with each fill when compared to machines equipped with an outer tub sump. Less water used equates to lower water-heating costs and reduced chemical usage. E-Series' AquaFall™ system further enhances efficiency. Water enters the washer drum via holes in the drum lifters. As the drum turns, lifters release water from above, enabling superior load saturation, chemical penetration and rinsing. Continental's Aqua-Mixer™ system also improves wash action by mixing hot and cold water to achieve precise bath temperatures—minimizing hot water consumption.

### PROVEN CONSTRUCTION, DURABILITY & LONGEVITY

E-Series Washers feature durable AISI-304 stainless steel inner and outer drums designed for constant use. The front, side and top panels are constructed of steel and coated with Continental's Titan Steel Finish™ for superior appearance and corrosion resistance. The sealing system, consisting of one axial and one radial seal fitted on a chromed bushing with a large moisture drainage chamber between, is guaranteed for years of constant use. No wonder E-Series are backed by a solid manufacturer's warranty!

### ERGONOMIC AND EASY TO MAINTAIN

Ergonomics and safety were driving factors in the design of E-Series Washers. An optional tilting system is available to assist operators in the loading/unloading process. The machines also feature rounded corners to avoid operator bumps and bruises and to make the machine easier to clean. To reduce maintenance time and associated costs, all components requiring regular maintenance are easily accessible. The top panel of the washer can be quickly removed, the drain is easily accessible and the transmission system can be serviced by simply removing the rear panel of the washer. Bearings are lubricated for a lifetime, the poly-v belt needn't be tightened and bearings and seals are easily replaced without removing the washer drum.





### OPTIMUM DOSING FOR THE BEST WASH RESULTS

To guarantee optimum cleaning for every type of load, E-Series Washers feature 12 standard chemical injection signals with programmable time dosing and flush flexibility. Chemicals are diluted with water before being introduced into the washer drum—preventing direct chemical-to-linen contact that can result in linen damage. The Intelli Control also supports independent flush control of its side-mounted 4-compartment chemical hopper and signal delay for central chemical supply systems.

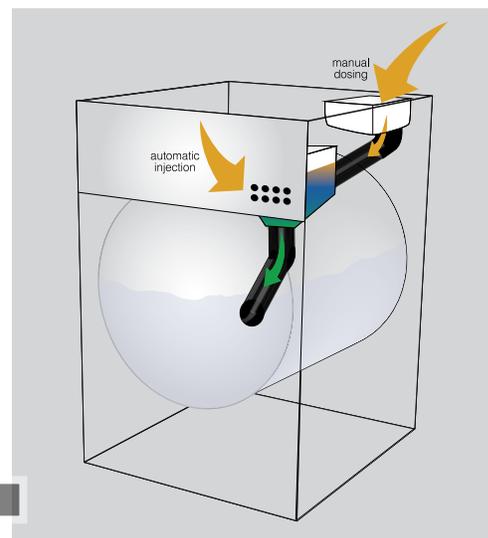
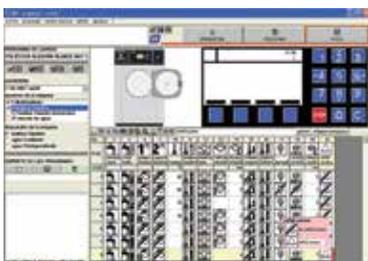
### INTELLIGENT (INTELI) CONTROL—REDEFINING FLEXIBILITY

Continental's most flexible and dynamic control ever, the Intelli allows complete control of every conditional aspect of the wash process! With 20 pre-programmed cycles and up to 79 individually modifiable cycles, users can control water temperature (by degree), wash rotation speed and duration, five on/off wash rotation combinations, multiple water levels, bath cool-down (by degree) and six programmable extract speeds. The Intelli is so flexible, it can be programmed for a wash cycle of as little as three minutes up to an extended program lasting for hours or days. Optional overnight soak and delayed start are also standard features

Despite advanced technology, the control couldn't be simpler to use. Once the programs are set, operators simply select a program and push start for the optimum wash variables given the load type. The LCD display gives users a visual status of the cycle and current bath temperatures using universally-understood icons that reduce problems associated with language barriers.

### INTELI MANAGER TOOL

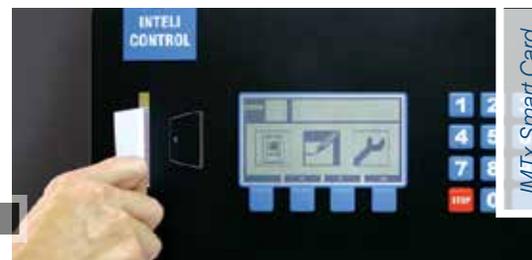
The control can be programmed manually on the washer or using Continental's exclusive Intelli Manager Tool (IMTx). IMTx is a software system that gives users the ability to program their washer via a personal computer. IMTx saves valuable time when configuring multiple programs on one machine or when programming multiple machines. Users can view multiple programs simultaneously using IMTx, so it is easy to compare, copy and modify each of the parameters within separate programs. Once saved, the programs can be downloaded to the IMTx Smart Card, which can then be applied to one machine or a series of machines in a laundry using the smart-card interface. In addition, the programs can be shared electronically with other IMTx users, making programming easy regardless of the washers geographic location. IMTx also allows users to reverse the process by uploading a single machine's programming parameters onto a smart card. That information can then be used to program other machines, or it can be downloaded onto the IMTx and e-mailed to another account. Finally, the IMTx also features a programming simulator, perfect for control operation training with staff.



dosing system



Inteli Control



IMTx Smart Card

**DIMENSIONS & WEIGHTS**

|  | <b>EH090</b>                               | <b>EH130 stat</b>                        | <b>EH130 tilt</b>                        | <b>EH255 stat</b>                          | <b>EH255 tilt</b>                          |
|--|--|--|--|--|--|
| Capacity <i>lbs (kg)</i>                                   | 90 (39.5)                                  | 130 (57)                                 | 130 (57)                                 | 255 (110)                                  | 255 (110)                                  |
| Cylinder Diameter <i>inch (mm)</i>                         | 35.4 (900)                                 | 42.5 (1080)                              | 42.5 (1080)                              | 51.6 (1310)                                | 51.6 (1310)                                |
| Cylinder Depth <i>inch (mm)</i>                            | 24.4 (621)                                 | 24.4 (621)                               | 24.4 (621)                               | 32.1 (816)                                 | 32.1 (816)                                 |
| Cylinder Volume <i>cu ft (dm<sup>3</sup>)</i>              | 13.9 (395)                                 | 20.1 (569)                               | 20.1 (569)                               | 38.8 (1100)                                | 38.8 (1100)                                |
| Net Weight <i>lbs (kg)</i>                                 | 3106 (1409)                                | 4260 (1932)                              | 4965 (2252)                              | 8566 (3885)                                | 9343 (4238)                                |
| Crated Weight <i>lbs (kg)</i>                              | 3405 (1544)                                | 4636 (2103)                              | 5549 (2517)                              | 9056 (4108)                                | 10098 (4580)                               |
| Crated Weight—Tilt Assembly <i>lbs (kg)</i>                | —  | —  | 913 (414)                                | —  | 1042 (472)                                 |
| Machine Width <i>inch (mm)</i>                             | 54.7 (1390)                                | 61.8 (1570)                              | 65 (1650)                                | 69.7 (1770)                                | 72.4 (1838)                                |
| Machine Depth <i>inch (mm)</i>                             | 57.3 (1455)                                | 58.8 (1493)                              | 63.5 (1613)                              | 76.3 (1939)                                | 81 (2058)                                  |
| Machine Height <i>inch (mm)</i>                            | 70.6 (1794)                                | 75.8 (1925)                              | 83.3 (2115)                              | 81.4 (2068)                                | 88.8 (2256)                                |
| Door Opening <i>inch (mm)</i>                              | 22 (558)                                   | 22 (558)                                 | 22 (558)                                 | 26.9 (684)                                 | 26.9 (684)                                 |
| Floor to Door <i>inch (mm)</i>                             | 25.8 (655)                                 | 32 (812)                                 | 39.4 (1002)                              | 31.8 (807)                                 | 39.2 (995)                                 |
| Shipping Dimensions <i>inch (mm) (WxDxH)</i>               | 59.8 x 62.2 x 79.9<br>(1520 x 1580 x 2030) | 66.5 x 64.8 x 85<br>(1690 x 1646 x 2160) | 66.5 x 64.8 x 85<br>(1690 x 1646 x 2160) | 76.8 x 83.5 x 88.4<br>(1950 x 2120 x 2245) | 76.8 x 83.5 x 88.4<br>(1950 x 2120 x 2245) |
| Shipping Dimensions—Tilt Assembly <i>inch (mm) (WxDxH)</i> | —  | —  | 42.5 x 78 x 27.6<br>(1080 x 1980 x 700)  | —  | 42.5 x 78 x 27.6<br>(1080 x 1980 x 700)    |

**GENERAL**

|                          |                              |                              |                              |                             |                             |
|--------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|
| Washing Speed <i>rpm</i> | 19/26/33/40                  | 18/24/30/36                  | 18/24/30/36                  | 17/22/27/32                 | 17/22/27/32                 |
| Spin Speed <i>rpm</i>    | 40/79/300/490/680/870        | 36/72/275/450/625/800        | 36/72/275/450/625/800        | 32/66/250/405/565/725       | 32/66/250/405/565/725       |
| G-force                  | 0.81/3.15/45/121/<br>233/381 | 0.78/3.14/46/122/<br>236/387 | 0.78/3.14/46/122/<br>236/387 | 0.75/3.2/46/120/<br>234/386 | 0.75/3.2/46/120/<br>234/386 |

**CONNECTIONS**

|   |                      |              |              |             |             |
|---|----------------------|--------------|--------------|-------------|-------------|
| Drain Diameter <i>inch (mm)</i>             | 3 (76)               | 3 (76)       | 3 (76)       | 5 (125)     | 5 (125)     |
| Water Inlets <i>inch (mm)</i>               | 1 (25.4)             | 1 (25.4)     | 1 (25.4)     | 2 (51)      | 2 (51)      |
| Recommended Water Pressure <i>PSI (bar)</i> | 30-60 (2-4)          | 30-60 (2-4)  | 30-60 (2-4)  | 30-60 (2-4) | 30-60 (2-4) |
| Water Flow <i>gal/min (l/min)</i>           | 26 (100)             | 26 (100)     | 26 (100)     | 58 (220)    | 58 (220)    |
| Steam Connection <i>inch (mm)</i>           | 3/4 (19)             | 3/4 (19)     | 3/4 (19)     | 1 (25.4)    | 1 (25.4)    |
| Steam Pressure <i>PSI (bar)</i>             | 29-87 (2-6)          | 29-87 (2-6)  | 29-87 (2-6)  | 29-60 (2-4) | 29-60 (2-4) |
| Steam Flow <i>lbs/h (kg/h)</i>              | 397 (180)            | 397 (180)    | 397 (180)    | 397 (180)   | 397 (180)   |
| Motor Power <i>kW</i>                       | 4.8                  | 7.3          | 7.3          | 11          | 11          |
| Electric Heating Power <i>kW (optional)</i> | 208/60/3<br>240/60/3 | 18.6<br>24.2 | 27.9<br>35.8 | —           | —           |

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**ENVIRONMENTALLY FRIENDLY**

Girbau S.A. laundry products meet rigorous environmental and safety standards established by the International Organization for Standardization (ISO), including ISO9001 and ISO14001. With the utmost concern for the environment, the E-Series Washer-extractors were designed to conserve the earth's natural resources. Not only do they use less water, they reduce gas and electricity usage by utilizing high-speed extraction to remove significantly more water from each load during extract—slashing dry time and resulting gas consumption. Developed to reduce noise pollution as well, E-Series Washers are extremely quiet thanks to inverter-controlled motors.

Ever focused on laundry efficiency, Continental Girbau Inc., the North American subsidiary of Girbau S.A., is a member of the U.S. Green Building Council (USGBC), a 501(c)(3) nonprofit that developed the Leadership in Energy and Environmental Design (LEED) Green Building Rating System.



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