



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

EH020
EH030
EH040
EH055

CONTINENTAL
GIRBAU®



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

E-Series Washers, in 20-, 30-, 40- and 55-pound capacities, bring together unique engineering elements, including a freestanding and sump-less design, programmable high-speed extract, exclusive features and superior programmability to cut utility and labor costs, and boost productivity.

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 enables installation in unconventional locations, including laundry rooms with in-floor heat and above ground-level 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.

SUPER-SPEED EXTRACT

E-Series Washers quietly and gently reach extract speeds up to 354 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, load 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.

STINGY ON WATER

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.

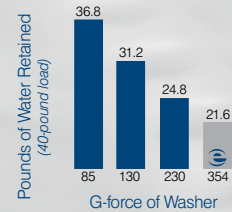
PROVEN CONSTRUCTION, DURABILITY & LONGEVITY

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 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. From the rounded cabinet corners to the oversized bearings and quality sealing system, no details were overlooked. No wonder E-Series is backed by a solid manufacturer's warranty!

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, and 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.

E-SERIES GIVES YOU MORE USING



* Assumes 100 percent moisture retention at saturation with 6 minute extract.

Minutes of Dry Time
(50 pound dryer)*

Less Water Retained After Extract

The freestanding design of E-Series enables extraction speeds of up to 354 G-force, about 250 G-force more than most hard-mount washers. The high-speed extract removes significantly more water from each load—decreasing dry-time.

Less Dry

With less water reduced. The action and high operating temperature life and



MDS system – 20/30/40



MDS system – 55

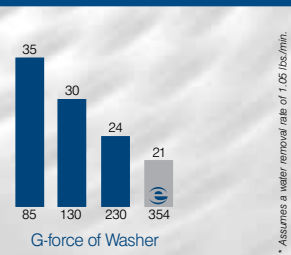


AquaFall™ system



sump-less design

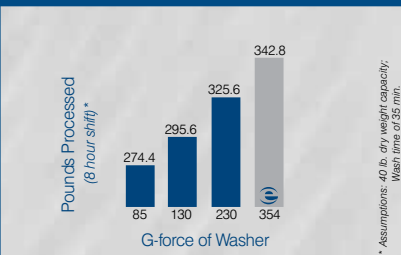
LESS



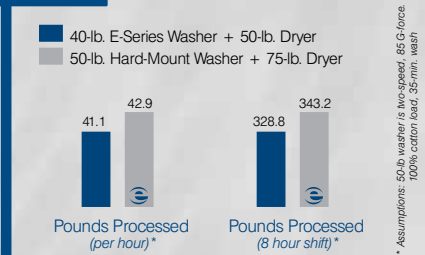
* Assumes a water removal rate of 1.05 lbs./min.



* Assumptions: 11 loads/day, \$1.10/BTU



* Assumptions: 40-lb. dry weight capacity; Main time of 35 min.



* Assumptions: 50-lb. washer is two-speed, 85 G-force, 100% cotton load, 35-min. wash

Time
Linen retained in linen, dry time is less. Linen is exposed to less mechanical wear—resulting in less linen wear. Dryer time is also reduced—extending equipment life and slashing gas consumption.

Less Dryer Gas Usage
Reducing dry time can cut the gas consumed to dry a load by over 40 percent! This savings in gas usage can save an on-premise laundry significantly in associated gas costs.

More Productivity
The high-speed extract and flexible controls of E-Series can decrease the time required to wash and dry a load by up to 20 percent. This increases the amount of laundry a facility can process daily while decreasing the size of the machine required.

Smaller Machine—Greater Output
E-Series' high-speed extract and programmable controls decrease the time required to process laundry. On-premise laundries can do more in less time while maintaining quality results and realizing operational savings!

Disclaimer: All calculations have been derived from engineering information available to Continental Girbau (CGI) at the time this brochure was produced. CGI makes no guarantee of actual results as conditions may vary.

CONTROL FLEXIBILITY

E-Series offers two programmable controls—the Logic and Intelligent. The controls are key to increasing on-premise laundry productivity. Why? By customizing programs according to specific load type, the control shortens the time required to process a load—boosting productivity. Fixed-timer washers don't allow this flexibility, and subsequently have longer cycle times and lower productivity. In addition, the control flexibility of E-Series provides protection from costly linen damage due to unnecessary processing and chemical damage. Despite their advanced technology, the controls couldn't be simpler to use. Once the programs are set, operators simply select a program number and push start.

LOGIC (LOGI) CONTROL

The highly flexible Logi Control offers eight individually modifiable programs—each with up to nine baths including multiple pre-wash, wash and rinse cycles. Variables within each bath—including 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—ensuring a consistent clean with every wash and eliminating fabric damage by chemical overuse.

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 using a memory card. 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 Inteli 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. An auxiliary heat option enables 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 55-pound capacity E-Series feature 12 standard chemical injection signals. The Inteli also supports independent flush control of its 4-compartment chemical hopper. Optional overnight soak and delayed start are also standard features.

THE BOTTOM LINE—BOOSTED PRODUCTIVITY

How can E-Series Washers produce more laundry per hour when compared to a larger, lower-performance machine? The answer lies in wash and dry throughput. E-Series reach much higher extraction speeds—resulting in greater moisture removal, shortened dry-time and boosted productivity. E-Series moves soiled laundry through the wash and dry process faster. Not only does this positively impact production, it reduces costly labor hours and extends linen life by minimizing exposure to dryer heat and tumbling.



minimal welding



Logi Control



Inteli Control



automatic injection



component accessibility

	EH020	EH030	EH040	EH055			
DIMENSIONS & WEIGHTS	Capacity <i>lbs (kg)</i>	20 (8)	30 (12.6)	40 (17.3)	55 (22.8)		
	Cylinder Diameter <i>inch (mm)</i>	21.1 (536)	24.4 (620)	27.6 (700)	29.1 (739)		
	Cylinder Depth <i>inch (mm)</i>	13.8 (351)	16.4 (416)	17.7 (450)	21 (530)		
	Cylinder Volume <i>cu. ft (dm³)</i>	2.8 (79.2)	4.4 (126)	6.1 (173)	8.1 (228)		
	Net Weight <i>lbs. (kg)</i>	279 (127)	758 (344)	1049 (476)	1601 (726)		
	Crated Weight <i>lbs.(kg)</i>	301 (137)	820 (372)	1091 (495)	1687 (765)		
	Machine Width <i>inch (mm)</i>	27 (685)	31.3 (796)	34.2 (868)	39.4 (1000)		
	Machine Depth <i>inch (mm)</i>	27.6 (700)	34.9 (887)	37.9 (962)	48.8 (1240)		
	Machine Height <i>inch (mm)</i>	42.5 (1080)	52.2 (1325)	55.3 (1404)	57.9 (1470)		
	Door Opening <i>inch (mm)</i>	12.7 (322)	12.9 (327)	16.8 (426)	15.7 (400)		
	Floor to Door <i>inch (mm)</i>	15.4 (390)	20 (509)	20.3 (515)	21.1 (535)		
	Shipping Dimensions <i>inch (mm)</i> (WxDxH)	28.3 x 29.1 x 47.7 (720 x 740 x 1212)	32.4 x 37.2 x 58.5 (823 x 945 x 1485)	35.3 x 40 x 61.6 (897 x 1017 x 1565)	40.4 x 49.4 x 65 (1025 x 1255 x 1650)		
	GENERAL	Control Options	Logic	Logic or Intelligent	Logic or Intelligent	Intelligent	
		Washing Speeds <i>rpm</i>	Logic Control 50 Intelligent Control —	46.5 27/36/43/46.5	44 25/34/40/44	— 22/29/36/43	— 22/29/36/43
		Spin Speeds <i>rpm</i>	50/100/580/690/780/970	46.5/100/400/600/800/1005	44/100/351/550/750/950	43/87/330/525/725/920	43/87/330/525/725/920
G-force		0.75/3/101/143/183/300	0.75/3/56/125/222/351	0.75/4/48/119/221/354	0.77/3.14/45/114/218/351	0.77/3.14/45/114/218/351	
Modified Energy Factor (MEF)*		2.21	2.08	1.96	2.34		
Water Consumption Factor (WCF)*		5.03	4.68	5.04	4.09		
CONNECTIONS		Drain Diameter <i>inch (mm)</i>	Pump Drain 1 (25.4) Gravity Drain 2 (51)	— 3 (80)	— 3 (80)	— 3 (80)	
		Water Inlets <i>inch (mm)</i>	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	
		Recommended Water Pressure <i>PSI (bar)</i>	30-60 (2-4)	30-60 (2-4)	30-60 (2-4)	30-60 (2-4)	
		Water Flow <i>gall/min (l/min)</i>	8 (30)	16 (60)	16 (60)	16 (60)	
	Steam Connection <i>inch (mm)</i>	—	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)		
	Steam Pressure (optional) <i>PSI (bar)</i>	—	29-87 (2-6)	29-87 (2-6)	29-87 (2-6)		
	Steam Flow (optional) <i>lbs/h (kg/h)</i>	—	176 (80)	176 (80)	176 (80)		
	Motor Power <i>kW</i>	0.8	0.87	1.6	1.75		
	Electric Heating Power <i>kW</i>	Single Phase 4.3 Three Phase 6.3	8.4 12.4	10.6 15.6	— 20.3		



* 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. The report for EH020, EH030 and EH040 is dated February 27, 2007 (report no. 3109575CRT-002). The report for EH055 is dated August 12, 2009 (report no. 3184405CRT-001a)
 ** Product specifications 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.

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