



ExpressWash

CONTINENTAL
GIRBAU

EH020
EH030
EH040
EH055

Continental E-Series ExpressWash Washer-Extractors deliver unmatched energy efficiency to return dollars to your bottom line. Advanced engineering brings high-speed performance, a simple-to-install freestanding design, exclusive features and the ultimate in programmability to vended laundries.

CONTINENTAL
GIRBAU®

BLOWING THE DOORS OFF PERFORMANCE! EFFICIENCY REDEFINED.

The average vended laundry dedicates more than 26 percent of its gross revenue to utilities, according to a Coin Laundry Association industry survey*. No wonder 83 percent of the storeowners surveyed say skyrocketing utility costs are their primary concern. E-Series High-Performance Washer-Extractors are designed to alleviate rising operational costs. They curb gas, water and electricity usage while increasing a store's capacity and improving the customer's experience. How? E-Series brings together a number of unique engineering elements, including a freestanding and sump-less design, high-speed G-force extract, exclusive AquaFall™ and AquaMixer™ systems, and superior owner programmability to cut utility costs, increase customer turnover, and save customers' time.

Thanks to high-speed technology, E-Series allow customers to complete their laundry in 60 minutes or less—leaving machines open for another paying customer. This timesaving convenience is a powerful way to differentiate a store from its competition. E-Series delivers more washing capacity from a smaller footprint laundry—reducing profit-guzzling costs such as rent, which accounts for over 21 percent of the average laundry's gross revenue*.

* According to the Coin Laundry Association's 2009 Industry Survey.

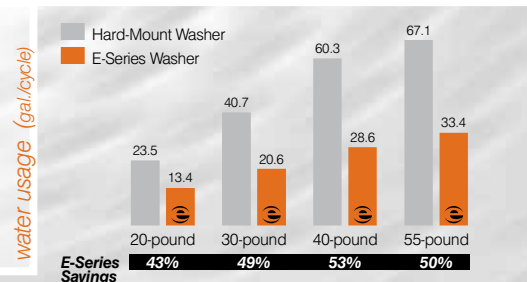


BOOST YOUR VENDED LAUNDRY'S PROFIT POTENTIAL WITH ENERGY-EFFICIENT



* MEF = Modified Energy Factor, WCF = Water Consumption Factor. See back panel for details.

HOW DO THEY COMPARE? E-SERIES



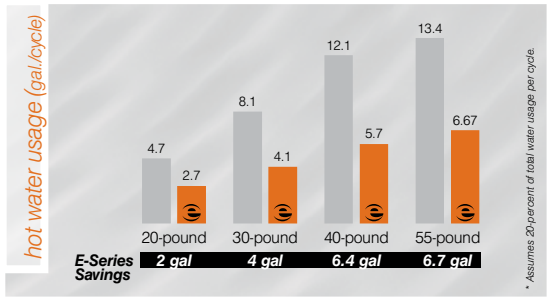
Less Water Usage

Stingy on water, E-Series Washers use up to 53 percent less water per load! A sump-less design, exclusive AquaFall system and highly programmable control combine to slash water usage while maintaining wash quality. This translates into significant savings in water usage costs.

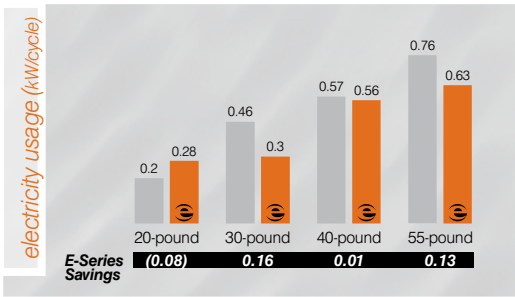


E-SERIES HIGH-PERFORMANCE WASHER EXTRACTORS

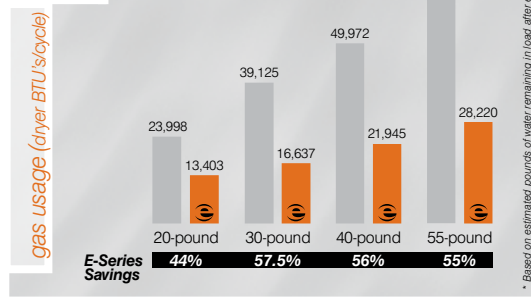
HIGH-PERFORMANCE WASHERS VS. HARD-MOUNT WASHERS*



Less Water to Heat
 Less water used equates to less water to heat—significantly lowering water heating costs.



Less Electricity Consumption
 E-Series Washers operate with an advanced G-drive™ System and therefore consume less energy than industry standard hard-mount machines.



Less Dryer Gas Consumption
 The high-speed extract of E-Series Washers removes significantly more water per load—decreasing dry time. Reducing dry time can cut the gas consumed to dry a load by up to 57.5 percent. This savings in gas usage can save significantly in associated gas costs—bringing more profit to the bottom line.

* Information based on engineering information available to Continental Girbau at the time this brochure was produced. Models used in comparison: 20-pound capacity (L1018CM 3-phase vs. EH020CC 1-phase); 30-pound capacity (L1030CM 3-phase vs. EH030 1-phase); 40-pound capacity (L1040CM 3-phase vs. EH040CC 1-phase); 55-pound capacity (L1050CM 3-phase vs. EH055CC 3-phase). See back panel for complete disclaimer.

MAXIMIZING EFFICIENCY FOR INCREASED PROFIT POTENTIAL

DO MORE WITH LESS.

ESTIMATED STORE SAVINGS EXAMPLES

3500 sq. ft store

Equipment Mix **Hard-Mount Store***: 18-DoubleLoad, 12-TripleLoad, 14-ExtraLoad, 4-ExtraLoad Plus, 4-PowerLoad, 24-2x30 Stack Dryers, 4-75-pound dryers
E-Series Store: 18-EH020, 12-EH030, 14-EH040, 4-EH055, 4-PowerLoad, 24-2x30 Stack Dryers, 4-75-pound dryers
Program 1 wash, 2 rinses, 6-minute final extract

	Utilities Consumed per Store Turn			Utilities Consumed per Year (4.5 turns/day, 365 days/year)				Utility Costs per Year		
	Hard-Mount Store	E-Series Store	E-Series Savings	Hard-Mount Store	E-Series Store	E-Series Savings		Hard-Mount Store	E-Series Store	E-Series Savings
Water Usage** (gal.)	2,454	1,451.1	1,002.9	4,030,695	2,383,432	1,647,263	Water Cost (\$4.67/1000 gal.)	\$18,823.35	\$11,130.63	\$7,692.72
Hot Water Usage (gal.)	490.8	290.2	200.6	806,139	476,660.07	329,478.9	Water Heating Cost (\$1.24/therm)	\$5,418.91	\$3,435.16	\$1,983.75
Electricity Usage (kW)	29.82	28.79	1.03	48,983.71	47,287.55	1,696.2	Electricity Cost (\$0.10/kW/h)	\$5,216.77	\$5,036.12	\$180.64
Gas Usage (therms)	26.63	12.36	14.3	43,738.12	20,299.54	23,438.6	Dryer Gas Costs (\$1.24/therm)	\$48,816.36	\$21,736.30	\$27,080.06

TOTAL ESTIMATED E-SERIES ANNUAL SAVINGS: \$36,937

2500 sq. ft store

Equipment Mix **Hard-Mount Store***: 22-DoubleLoad, 6-TripleLoad, 7-ExtraLoad, 2-ExtraLoad Plus, 2-PowerLoad, 17-2x30 Stack Dryers, 2-75-pound dryers
E-Series Store: 22-EH020, 6-EH030, 7-EH040, 2-EH055, 2-PowerLoad, 17-2x30 Stack Dryers, 2-75-pound dryers
Program 1 wash, 2 rinses, 6-minute final extract

	Utilities Consumed per Store Turn			Utilities Consumed per Year (4.5 turns/day, 365 days/year)				Utility Costs per Year		
	Hard-Mount Store	E-Series Store	E-Series Savings	Hard-Mount Store	E-Series Store	E-Series Savings		Hard-Mount Store	E-Series Store	E-Series Savings
Water Usage** (gal.)	1,532.5	899.49	633	2,517,131	1,477,412	1,039,719	Water Cost (\$4.67/1000 gal.)	\$11,755	\$6,899.52	\$4,855.49
Hot Water Usage (gal.)	306.5	179.89	126.6	503,426.25	295,469.32	207,956.9	Water Heating Cost (\$1.24/therm)	\$3,384.06	\$2,101.68	\$1,282.38
Electricity Usage (kW)	18.25	18.86	(0.6)	29,979.45	30,974.79	(995.3)	Electricity Cost (\$0.10/kW/h)	\$3,192.81	\$3,298.82	(\$106.00)
Gas Usage (therms)	17.19	7.82	9.4	28,227.99	12,841.73	15,386.3	Dryer Gas Costs (\$1.24/therm)	\$31,618.64	\$13,822.07	\$17,796.57

TOTAL ESTIMATED E-SERIES ANNUAL SAVINGS: \$23,828

1500 sq. ft store

Equipment Mix **Hard-Mount Store***: 12-DoubleLoad, 8-TripleLoad, 4-ExtraLoad, 2-ExtraLoad Plus, 13-2x30 Stack Dryers
E-Series Store: 12-EH020, 8-EH030, 4-EH040, 2-EH055, 13-2x30 Stack Dryers
Program 1 wash, 2 rinses, 6-minute final extract

	Utilities Consumed per Store Turn			Utilities Consumed per Year (4.5 turns/day, 365 days/year)				Utility Costs per Year		
	Hard-Mount Store	E-Series Store	E-Series Savings	Hard-Mount Store	E-Series Store	E-Series Savings		Hard-Mount Store	E-Series Store	E-Series Savings
Water Usage** (gal.)	983	506.22	476.8	1,614,577.5	831,466.35	783,111.2	Water Cost (\$4.67/1000 gal.)	\$7,540.08	\$3,882.95	\$3,657.13
Hot Water Usage (gal.)	196.6	101.24	95.4	322,915.5	166,280.13	156,635.4	Water Heating Cost (\$1.24/therm)	\$2,170.66	\$1,233.26	\$937.40
Electricity Usage (kW)	12.15	11.60	0.5	19,951.99	19,052.99	899	Electricity Cost (\$0.10/kW/h)	\$2,124.89	\$2,029.14	\$95.74
Gas Usage (therms)	11.62	4.55	7.1	19,082.57	7,477.53	11,605	Dryer Gas Costs (\$1.24/therm)	\$21,491.73	\$8,038.88	\$13,452.85

TOTAL ESTIMATED E-SERIES ANNUAL SAVINGS: \$18,143

How much can E-Series positively impact a store's profitability? By including E-Series Washers, a 3,500-square-foot laundry can save approximately \$36,937 per year in utility costs over the same laundry with only hard-mount, front-loading washer-extractors (see chart above).

* Continental L-Series hard-mount washer data used for comparison. L-Series Washers are more energy-efficient than many other hard-mount washer models.

** Water usage figures are based on 1 wash, 2 rinse programs tested with 100 percent cotton load (margin of error +/- 6 percent). Water costs, water heating costs, electricity costs and dryer gas costs are based on rates deemed by Continental Girbau, Inc (CGI) to be a national average. Actual rates and savings will depend on utility rates in your location.

*** All calculations are derived from engineering information available to CGI at the time this brochure was produced. CGI makes no guarantee of actual results as conditions may vary. See back panel for disclaimer.

E-SERIES ADVANCED ENGINEERING DELIVERS UNSURPASSED ENERGY-EFFICIENCY AND PERFORMANCE! The freestanding design enables high-speed extract which curbs gas consumption; a sump-less design and AquaFall™ system ensures a quality clean using less water; and the control allows for superior programmability and heightened energy-efficiency.



freestanding design



sump-less engineering



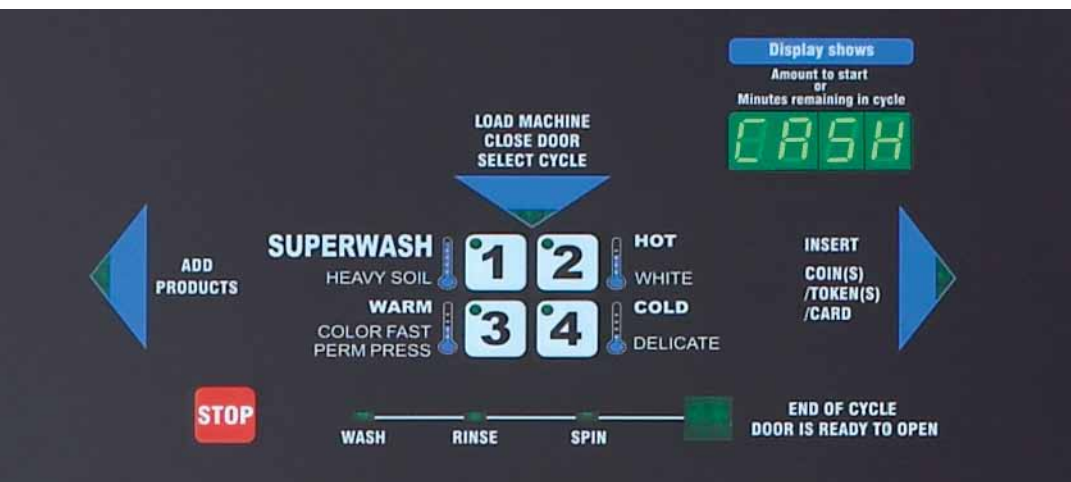
AquaMixer system

FREESTANDING DESIGN E-Series offers a refreshing freestanding design that enables extract speeds of up to 354 G-force, about 250 G-force more than most hard-mount washers. The super-speed extract removes more water from each load—reducing dryer gas consumption and slashing the time required to do laundry.

SUMP-LESS ENGINEERING Most washers gather water in a sump at the base of the washer drum to heat it before delivering it into the load. This requires filling both the sump and the washer drum. E-Series are designed without a sump—saving up to 3 gallons of water with each fill. In addition to conserving water, the sump-less design also saves the energy required to heat the water. Over the life of the machine, the combined water and energy savings is substantial when compared to machines with an outer tub sump.

AQUAFALL AND AQUAMIXER™ Continental's exclusive AquaFall and AquaMixer systems further curb water usage. AquaFall releases water into the load via holes in the drum lifters. As the drum turns, lifters release water from above to better penetrate fabric. Most other frontloads use lifters to simply drop fabric into a pool of water at the bottom of the washer drum. With E-Series, laundry is saturated from above and below. This unique system cuts water usage and rinse cycle times while improving the quality of the wash. AquaMixer further improves efficiency by mixing hot and cold water before entering the drum. This achieves very precise water temperatures—offering greater control over hot water consumption.

SENSIBLE DETERGENT DISPENSING E-Series features a top-mounted detergent dispenser design with up to four compartments—one for powder, one for optional pre-wash and two for liquid products. An oversized seal around the dispenser keeps bleach, softeners and detergents where they belong and a powerful compartment flushing system reduces maintenance by thoroughly cleaning each compartment after every customer cycle. An automatic liquid chemical injection option is available for storeowners that want one more way to differentiate their store from the competition.



CONTROL FLEXIBILITY The highly programmable CC Control puts storeowners in the driver's seat with four modifiable programs—Superwash, Hot, Warm and Cold. Unlike most washers on the market, E-Series allows programmability of G-force extract, mechanical action, wash temperature (by degree), water levels and wash/rinse/extract time in each phase. The control's flexibility allows multi-level vend pricing on the same machine depending on the wash program selected, time of day, or day of the week. Therefore, vend prices change easily according to each program's energy-efficiency. Through proper programming, vended laundries can curb gas and water usage and effectively shorten the time it takes customers to complete their laundry.

SERIAL COMMUNICATION E-Series Washers feature an optional serial communication feature that gives card-operated laundry owners control over many of their store's functions remotely. Washer and payment system features, including vend pricing, cycle time, water levels, bath temperatures, and diagnostics, can be reviewed and modified by the storeowners via a secure Internet connection. Multi-level vend pricing, time of day and day of week pricing options can be changed easily—dramatically expanding income and efficiency potential!



easy-to-use controls



detergent dispenser



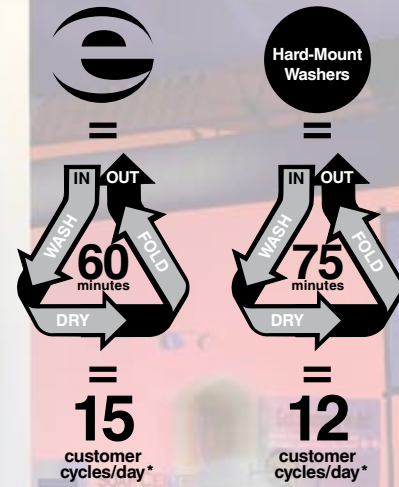
auto injection (optional)



AquaFall system

GAINING THE COMPETITIVE EDGE
SELLING TIME

GET CUSTOMERS IN AND OUT IN 60 MINUTES OR LESS How? With 354 G-force extract, E-Series removes considerably more water per load—slashing dry-time and resulting gas usage by up to 57.5 percent when compared with most hard-mount washers. In turn, customers spend less time doing laundry. And, that's what customers want. E-Series Washers make it easy for storeowners to cater to customers by helping them complete laundry sooner, while boosting store capacity during peak business periods.



* Assumes 15 hour store day



heavy-duty door



minimal welding



rounded corners

FLEXIBILITY TO BOOST INCOME:

Option 1: Catering to Clients with Shorter Dry Times By reducing dry-time, your laundry offers the customer a timesaving convenience the competition can't match, and consistent machine availability that brings them back to your store again and again. Moreover, laundries save markedly on utilities!

Option #2: Maintain Lengthier Dry-Times = Save Utilities If a storeowner chooses to maintain a longer dry-time, E-Series Washers will still cut utilities usage. The lengthier dryer setting will simply use less heat to dry the load—slashing gas cost.

LARGE, HEAVY-DUTY DOOR The oversized door on E-Series, which allows for easy loading and unloading, is also equipped with a heavy-duty, bolt-style hinge to withstand the rigors of a busy store. An ADA compliant door handle makes your laundry more accessible and an immediate door unlock at the end of cycle signal will help boost customer turnover.

QUALITY 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. 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!



bolt-free installation



front-access drain



easy maintenance

EASY INSTALLATION Unlike hard-mount washers, E-Series are simply installed without concrete foundations and bolts. Just slide into place, level and connect utilities. It's possible thanks to the Multi Directional Spring (MDS) system that absorbs 95 percent of the machine's vibrations. The MDS system enables high-speed extraction and expands machine location possibilities. No longer is store location dependent upon concrete foundation availability. E-Series Washers can be installed in unconventional locations including areas with wood or tile floors and above ground-level laundries*—all with little or no floor preparation and cost. Moreover, E-Series washers can be moved easily and operate using single-phase power—a very low amperage demand—making installation and operation simpler and less costly.

EASE OF MAINTENANCE We've simplified maintenance requirements on our E-Series line, and simultaneously, improved accessibility to components. The top panel of the washer can easily be removed without interfering with detergent dispensers, and the drain is easily accessible via the removal of the front panel. If service is necessary, the entire machine can easily be pulled away from the bulk head due to its freestanding design. Control diagnostics help owners pinpoint machine errors and needed maintenance; 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.



* Minimum static and dynamic floor load requirements apply. Please consult CGI installation manual for specific information.

E-SERIES HIGH-PERFORMANCE WASHER-EXTRACTOR SPECIFICATIONS

	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	Washing Speed <i>rpm</i>	50	46.5	44
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
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
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>gal/min (l/min)</i>	8 (30)	16 (60)	16 (60)	16 (60)
	Motor Power <i>kW</i>	0.8	0.87	1.6	1.75



* 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.

Disclaimer: This brochure contains hypothetical estimates of utility savings and results based from mathematical models and varied testing data. Data, factors and economic conditions are beyond our/your company's and your customer's control. The actual results that your company and/or your customers experience may vary from these estimates and projections. All information upon which stated calculations are based is maintained at CGI. Please contact CGI for more specific information.

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