



# GEAR LAUNDERING FOR FIRE DEPARTMENTS

gear washers and dryers designed specifically for fire departments

ExpressWash  
ExpressDry



# CLEAN GEAR YOUR PROTECTION AGAINST FIRE, BIOHAZARDS AND CHEMICALS

Firefighters know dirty gear is dangerous. As more and more particles and chemicals attach to protective gear, it gradually loses its effectiveness—putting firefighters and those they come in contact with at risk. The apparel that's designed to protect, may become hazardous when dirty because it reflects less radiant heat, becomes flammable and can even conduct electricity.

At Continental, we understand that firefighters depend on their gear to protect them and we take pride in providing laundering solutions that ensure firefighter gear is dependable. Our washers and dryers ensure gear is properly cleaned according manufacturers' recommendations and NFPA 1851 guidelines; that installation is simplified; that any member of the department can do the wash without damage to protective fabrics; and that the washer's energy-efficiency keeps utility costs in check. Most of all, fire departments can feel secure knowing gear is properly cleaned for firefighter protection.

**YOU DEPEND ON YOUR GEAR.  
LET US HELP KEEP YOUR GEAR DEPENDABLE!**







E-Series soft-mount washer design



M-Series hard-mount washer design



AquaFall water-saving system



Automatic chemical injection ports

# EXPRESSWASH MAINTAINING GEAR INTEGRITY AND FIREFIGHTER SAFETY

A careful approach to cleaning gear is critical to proper decontamination and to maintaining the integrity of the protective fabric. Continental washer-extractors are equipped with a plethora of features to ensure your gear is properly cleaned and back into service fast.

**FLEXIBLE CONTROLS** Continental washers offer programmable control options to ensure proper gear cleaning. The controls allow fire departments programmability of wash variables including extract speed, number of baths, water temperature and level, rotation, mechanical action and automatic chemical injection. As new protective fabrics are developed, and NFPA 1851 standards for the care of protective apparel evolve, a highly programmable washer means fire departments can easily alter how they wash gear based on changing recommendations.

**EASY OPERATION** Despite advanced technology, the controls couldn't be simpler to use. Once the programs are set, operators simply select a program number and push start. Continental washers are also equipped for automatic chemical injection—eliminating the hassle of manually dispensing detergents, which ensures a consistent clean and eliminates the risk of fabric damage by improper chemical overuse.

**BECAUSE SPACE MATTERS** Finding the space to install laundry equipment can be a concern for many fire departments. Both lines of Continental ExpressWash Washers—the E-Series soft-mount line and M-Series hard-mount line—are engineered to maximize space for installations in truck bays, utility rooms or storage areas. Continental E-Series Washers are freestanding and allow for quick installation without bolts and thick reinforced concrete foundations. They slide easily into place—allowing installation in unconventional locations, including areas with in-floor heat. Continental M-Series line of washers also address space concerns. While these machines must be bolted to a concrete foundation, their compact design occupies less space than other hard-mount washers with comparable basket capacities.

**WATER CONSERVING FEATURES** Advanced technology on Continental Washers allows for superior wash quality using considerably less water than many competitive washers. A sump-less design, exclusive AquaFall™ system and a programmable control combine to slash water usage and ensure excellent wash quality. Less water used equates to less water heated and additional savings in utilities.

**DURABILITY & LONGEVITY** Continental Washers feature inner and outer drums of durable AISI-304 stainless steel, oversized bearings and a quality sealing system. An oversized door allows for easy loading and unloading, and is equipped with heavy-duty, bolt-style hinges to withstand the rigors of constant use. No wonder Continental washers are backed by a 5/3-year warranty!







powerful 800 cfm 110-volt blower



drying for all gear components



casters for mobility

removable blower for drying pumper plumbing

# EXPRESSDRY GETTING YOU BACK IN ACTION FASTER

Continental ExpressDry Gear Dryers are engineered to safely and quickly dry personal protective equipment, including turnout gear, helmets, gloves, boots, face masks, and self-contained breathing apparatuses (SCBA). The dryer works by blowing a large volume of air, at high pressure, safely through the garment—drying even hard-to-reach areas. NFPA compliant, the Continental ExpressDry Gear Dryer accommodates up to six turnout suits simultaneously—ensuring firefighter gear is safely dried and returned to service in hours, not days.

**DRYING TECHNOLOGY** The ExpressDry Gear Dryer utilizes a powerful and highly efficient 110-volt fan to push a large air volume through the garment from the inside out. This high pressure flow ensures air effectively dries areas that are hard to reach without air loss—significantly decreasing dry time. Because the fan operates using ambient air, the dryer is more energy efficient than cabinet style dryers, which require heated air, and align with requirements set forth by gear manufacturers. Thus, by using the ExpressDry Gear Dryer, fire departments ensure gear manufacturers' warranties are NOT voided.

**FLEXIBILITY FOR GEAR COMPONENT DRYING** Quick and easy to use, the ExpressDry Gear Dryer adapts to specific types and sizes of gear without turning them inside out. The dryer can simultaneously accommodate up to six suits, along with helmets, gloves, boots, face masks and SCBAs.

**STANDARD INCLUSIONS** The Continental ExpressDry Gear Dryer comes standard with an LED timer with automatic shut off, steel construction, casters for ease of movement, 12 component drying ports, removable 800 cfm blower, and a noise reduction package. Boasting high-quality construction and an operational life span of 87,000 hours, the dryer is NFPA compliant and backed by Continental's 3-year manufacturer's warranty.

**REMOVABLE BLOWER FOR DRYING PUMPER PLUMBING** Not only can the ExpressDry Gear Dryer be used to dry gear, as an added option, the dryer can be removed and attached to your pump's water ports for quick winter drying—preventing damage from winter freeze ups (utility hose not included).







## EXPRESSWASH HIGH-PERFORMANCE WASHER-EXTRACTORS

|  | E-SERIES                   |                               |                            |                              |                              |                              |                              | M-SERIES                   |                              |                              |
|--|----------------------------|-------------------------------|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------------------------|------------------------------|------------------------------|
|  | EH020                      | EH030                         | EH040                      | EH055                        | EH090                        | EH130                        | EH255                        | EM025                      | EM040                        | EM055                        |
| Mounting Type  | Freestanding               | Freestanding                  | Freestanding               | Freestanding                 | Freestanding                 | Freestanding                 | Freestanding                 | Hard-Mount                 | Hard-Mount                   | Hard-Mount                   |
| Capacity <i>lbs</i>  | 20                         | 30                            | 40                         | 55                           | 90                           | 130                          | 255                          | 25                         | 40                           | 55                           |
| Cylinder Diameter <i>inch</i>  | 21.1                       | 24.4                          | 27.6                       | 29.1                         | 35.4                         | 35.4                         | 35.4                         | 21.1                       | 24.4                         | 27.6                         |
| Cylinder Depth <i>inch</i>   | 13.8                       | 16.4                          | 17.7                       | 21                           | 24.4                         | 24.4                         | 24.4                         | 17.3                       | 21.6                         | 23.1                         |
| Cylinder Volume <i>cu ft</i>   | 2.8                        | 4.4                           | 6.1                        | 8.1                          | 13.9                         | 13.9                         | 13.9                         | 3.5                        | 5.9                          | 8                            |
| Net Weight <i>lbs</i>  | 279                        | 758                           | 1049                       | 1601                         | 3106                         | 3106                         | 3106                         | 317                        | 622                          | 802                          |
| Crated Weight <i>lbs</i>   | 301                        | 820                           | 1091                       | 1687                         | 3405                         | 3405                         | 3405                         | 342                        | 683                          | 869                          |
| Control Options  | Logi or Logi Pro           | Inteli or Logi                | Inteli or Logi             | Inteli or Logi               | Inteli                       | Inteli                       | Inteli                       | Logi or Logi Pro           | Logi or Logi Pro             | Logi or Logi Pro             |
| Machine Dimensions (WxDxH) <i>inch</i>                                     | 27 x 27.6 x 42.5           | 31.3 x 34.9 x 52.2            | 34.2 x 37.9 x 55.3         | 39.4 x 48.8 x 57.9           | 54.7 x 57.3 x 70.6           | 54.7 x 57.3 x 70.6           | 54.7 x 57.3 x 70.6           | 27 x 29.9 x 42.5           | 29.5 x 39.5 x 52.2           | 34.2 x 43.2 x 55.3           |
| Door Opening <i>inch</i>   | 12.7                       | 12.9                          | 16.8                       | 15.7                         | 22                           | 22                           | 22                           | 12.7                       | 12.9                         | 16.8                         |
| Floor to Door <i>inch</i>  | 15.4                       | 20                            | 20.3                       | 21.1                         | 25.8                         | 25.8                         | 25.8                         | 15.4                       | 19.7                         | 20.3                         |
| Shipping Dimensions (WxDxH) <i>inch</i>                                    | 28.3 x 29.1 x 47.7         | 32.4 x 37.2 x 58.5            | 35.3 x 40 x 61.6           | 40.4 x 49.4 x 65             | 59.8 x 62.2 x 79.9           | 59.8 x 62.2 x 79.9           | 59.8 x 62.2 x 79.9           | 27.8 x 32.7 x 49.2         | 30.6 x 42.4 x 58.8           | 35.3 x 45.4 x 61.6           |
| Washing Speeds <i>rpm</i>  | 50                         | 46.5                          | 25/34/40/44                | 22/29/36/43                  | 19/26/33/40                  | 19/26/33/40                  | 19/26/33/40                  | 50                         | 46.5                         | 43.6                         |
| Spin Speeds <i>rpm</i>   | 50/100/580/<br>690/780/970 | 46.5/100/400/<br>600/800/1005 | 44/100/351/<br>550/750/950 | 43/87/330/<br>525/725/920    | 40/79/300/<br>490/680/870    | 40/79/300/<br>490/680/870    | 40/79/300/<br>490/680/870    | 50/100/300/<br>400/500/600 | 46.5/100/300/<br>400/500/600 | 43.6/100/300/<br>400/500/600 |
| G-force  | 0.75/3/101/143/<br>183/300 | 0.75/3/56/125/<br>222/351     | 0.75/4/48/119/<br>221/354  | 0.77/3.14/45/<br>114/218/351 | 0.81/3.15/45/<br>121/233/381 | 0.81/3.15/45/<br>121/233/381 | 0.81/3.15/45/<br>121/233/381 | 0.75/3/27/<br>48/75/108    | 0.75/3/31/<br>56/87/125      | 0.75/4/35/<br>63/98/141      |
| Modified Energy Factor   | 2.21                       | 2.08                          | 1.96                       | 2.34                         | N/A                          | N/A                          | N/A                          | 1.53                       | 1.73                         | 1.65                         |
| Water Consumption Factor (WCF)   | 5.03                       | 4.68                          | 5.04                       | 4.09                         | N/A                          | N/A                          | N/A                          | 5.68                       | 5.33                         | 4.81                         |
| Drain Diameter <i>inch</i><br>Pump Drain<br>Gravity Drain                  | 1<br>2                     | —<br>3                        | —<br>3                     | —<br>3                       | —<br>3                       | —<br>3                       | —<br>3                       | —<br>2                     | —<br>3                       | —<br>3                       |
| Water Inlets <i>inch</i>   | 3/4                        | 3/4                           | 3/4                        | 3/4                          | 1                            | 1                            | 1                            | 3/4                        | 3/4                          | 3/4                          |
| Motor Power <i>kW</i>  | 0.8                        | 0.87                          | 1.6                        | 2.5                          | 7                            | 7                            | 7                            | 0.35                       | 0.55                         | 0.62                         |
| Electric Heating Power (Optional) <i>kW</i><br>Single Phase<br>Three Phase | 4.3<br>6.3                 | 8.4<br>12.4                   | 10.6<br>15.6               | —<br>20.3                    | —<br>24.2                    | —<br>24.2                    | —<br>24.2                    | 4.3<br>6.3                 | 10.5<br>15.5                 | —<br>20.1                    |

## EXPRESSDRY GEAR DRYERS

|  | C4-MU               | C6-MU               |
|--|---------------------|---------------------|
| Maximum Number of Gear Sets            | 4                   | 6                   |
| Crated Weight <i>lbs</i>               | 345                 | 420                 |
| Machine Dimensions (WxDxH) <i>in.</i>  | 90 x 28.6 x 80      | 120.5 x 28.6 x 80   |
| Shipping Dimensions (WxDxH) <i>in.</i> | 92.5 x 30 x 26      | 122 x 30 x 26       |
| Motor Power <i>HP</i>                  | 1                   | 1                   |
| Motor Speeds <i>rpm</i>                | 3450                | 3450                |
| Air Flow <i>cfm</i>                    | 800                 | 800                 |
| Available Voltages                     | 120/60/1            | 120/60/1            |
| Fan Diameter <i>inch</i>               | 10.6                | 10.6                |
| Fan Wheel Bore                         | 5/8                 | 5/8                 |
| Thermal Protection <i>volts</i>        | 115                 | 115                 |
| Timer Interval Selections              | 2, 4, 8 or 12 hours | 2, 4, 8 or 12 hours |

Product design and specifications are subject to change without notice. For the most current and complete technical specifications, architectural line drawings and warranty information, please visit our Web site at [www.continentalgirbau.com](http://www.continentalgirbau.com)

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