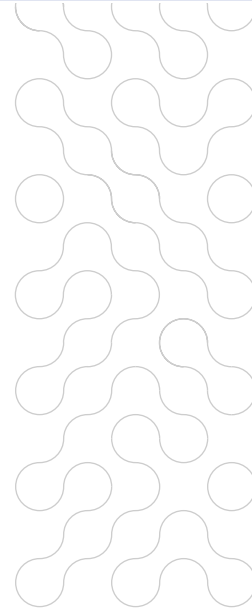




Recirculating Chemical Toilet



Worldwide Leader

Monogram Systems is the world's leading designer and manufacturer of recirculating toilet assemblies. Monogram's leadership in this market segment is built around two styles of recirculating toilet assemblies: the self-contained carry-out toilet assembly, and the fixed externally-serviced style. Monogram's diverse product offering of both styles assure customer design flexibility and cost-savings using products that are currently installed on a wide range of commercial, regional, business, military and light jet aircraft worldwide.

Light-Weight Design

All Monogram chemical recirculating toilets utilize composite materials assuring the lightest weight and an extended service life. A variety of materials and processes are available to meet customer's stringent weight requirements while providing the structural tank integrity to meet the toughest technical specifications.

Proven Reliability

With over 55,000 toilets manufactured for commercial, business and military aircraft over a span of nearly 50 years, Monogram has optimized the design and operation of the recirculating toilet, thus providing the highest reliability.

Superior Product Support

Monogram's Product Support Group provides 24/7 worldwide customer support. With a dedicated FAA authorized repair station, spares stock and exchange program, we stand ready to answer technical questions and provide spare parts and repair services in accordance with ATA requirements.





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Benefits

- Carry-out toilet style provides an independent self-contained waste management system
- Carry-out style is easily installed without modification to the aircraft fuselage
- Modular design allows for easy installation/removal
- Multiple configurations of both carry-out and externally-serviced toilet assemblies in production reduce development time and cost
- Composite waste tanks provide light-weight designs
- Over 100 current configurations currently in serial production

Features

- Self-contained carry-out toilets and externally-serviced toilets available in various capacities
- Available to operate on 28VDC, 115VAC, or battery operation
- Highly polished stainless steel toilet bowls
- Overboard venting available – helps eliminate cabin orders
- Anti-siphon check valves eliminate possibility of blue ice on fill/rinse lines
- Bowl separator eliminates exposure to tank contents
- Externally – serviced style is self cleaning during service cycle

Multiple Option Features Available

- Fluid level sensor – provides fluid level indication to ground crew during servicing or to cabin crew during flight
- Flush timer – controls duration of flush cycles
- Overfill protection – eliminates costly aircraft damage from potential toilet overfills during ground servicing
- Vacuum breaker check valves – eliminates trapped fluids in fill/rinse lines
- Teflon coated toilet bowls
- Customized mounting and attachment provisions
- Variety of toilet seats and shrouds available
- Motor-operated drain valves

Certifications:

- Certified on various aircraft types: commercial, commuter, business, and military
- Certified on roto-craft applications
- Designed to meet FAA, 14 CFR Part 25 and RTCA/DO-160 requirements

Additional Information

For additional information, please e-mail recirc toilet@monogram.zodiac.com



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