

Macerator Toilet & Retention System For Transit and Commuter Applications

Toilet Operation

1. Press the flush button to start the flush cycle.
2. The flapper seal at the bottom of the toilet bowl will open, allowing the waste water to flow into the hopper below.
3. Fresh water from the power assisted spray ring on the rim will wash the bowl clean.
4. The flapper seal will then close and fresh water will fill the bowl.
5. The macerator/pump on the side of the hopper then grinds solid waste into a slurry and pumps it into the wasteline to the retention tank.
6. A measured amount of compressed air is then directed into the wasteline and propels any remaining waste into the retention tank, simultaneously cleaning the wasteline.

One Year Limited Warranty

Continuing a policy of research and development, Microphor, Inc., reserves the right of price, product, or design change without notice or obligation.

Specifications

Toilet

- Stainless steel bowl, optional powder coating
- 23 oz. of water per flush
- Integral air-assist spray ring
- Two horsepower industrial, rotary cutter type grinder/pump
- Independent PLC control system

Wasteline

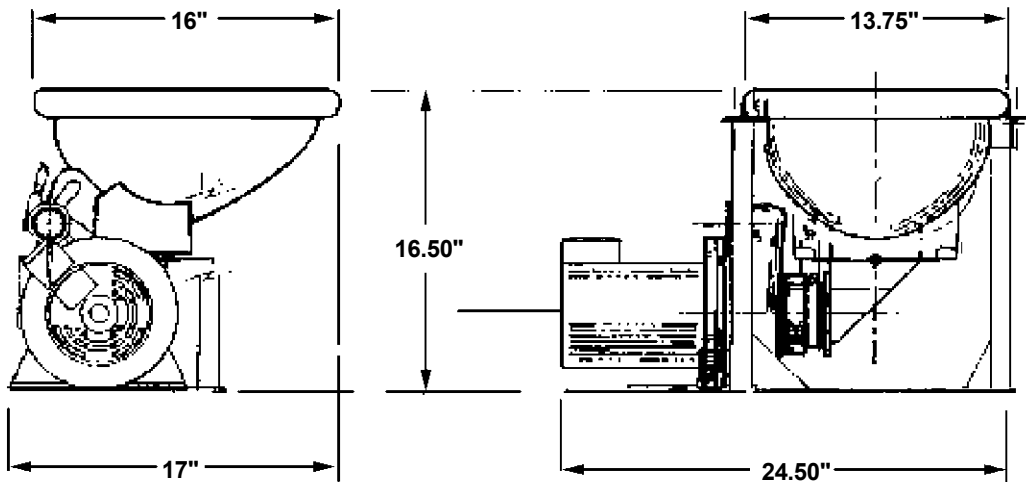
- Small diameter piping can be manifolded depending on design
- Vertical rise: to elevated tank
- Horizontal run: full car length
- Designed per customer specs

Waste Tank

- Standard stainless steel
- Level indicator optional
- Heated tank optional
- In-car or under-car location
- Designed per customer specs

Controls

- PLC microprocessor controlled
- Separate aisle control optional
- Designed per customer specs



Available in right-hand, left-hand or special configurations. Dimensions are nominal.



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