



metroSTOR F-Series Organics Cart Enclosures

Controlled-deposit organics infrastructure for shared environments

The metroSTOR FX System is a cart-scale enclosure designed for organics and other contamination-sensitive streams where cleaner participation, secure containment, and long-term performance matter.

Built for shared environments, FX combines durable external enclosure with structured deposit logic to help support cleaner capture, reduce misuse, and maintain stronger day-to-day performance under real operating conditions.

Cleaner organics capture starts here

FX is purpose-built for environments where organics performance is difficult to maintain in open or lightly controlled systems.

That includes settings where contamination penalties apply, vermin and odor create operational pressure, cart-based collection is the preferred servicing method, and participation needs to be encouraged without sacrificing material quality. It is especially suited to shared environments where organics performance has to remain stable under regulatory pressure and changing user behavior.

FX is designed to support cleaner capture without unnecessary complexity.

Designed to protect stream quality in shared settings

Open carts and lightly shielded housings tend to underperform in contamination-sensitive environments because small participation errors can quickly affect stream quality. FX is designed to reduce that instability through fully enclosed steel containment and clearer deposit structure.

By controlling odor and vermin exposure, reducing casual misuse, and creating a more stable shared deposit environment, FX helps protect compliant participation and support cleaner organics capture over time.

It is also engineered around real organics workflows, including bagged and loose deposit, frequent servicing cycles, high-turnover residential settings, and early-stage organics expansion programs where consistency matters from the outset.

Most useful where contamination is hard to control

- **Multifamily housing:** Supports cleaner organics participation in shared residential environments where open systems are vulnerable to contamination, odor, and inconsistent use.
- **Organics expansion programs:** Provides a repeatable cart-scale format for programs that need to improve capture quality while scaling beyond early pilot sites.
- **Community recovery hubs:** Helps support cleaner collection of sensitive material streams in shared drop-off or community-based recovery settings.
- **Contamination-sensitive regulated environments:** Adds structure where stream quality, reporting pressure, or regulatory expectations make uncontrolled organics capture harder to defend.

How FX connects into the wider Smart Systems model

FX is designed to work as part of the wider metroSTOR Smart Systems model.

Where structured participation improves outcomes, FX can integrate with metroKEY to support controlled access and cleaner use. Where longer-term continuity and service visibility matter, it can also be supported through metroSERV as part of a wider managed infrastructure approach.

This makes FX suitable not only for individual sites, but for repeatable deployment across portfolios and districts where cleaner capture and stronger operational consistency are priorities.

What makes FX different in daily use

Secure and contamination-resistant by design

Unlike open carts or lightly shielded housings, FX provides fully enclosed steel containment designed to support contamination-sensitive streams.

This helps control odor and vermin exposure, reduce casual misuse, protect organics quality, and maintain hygiene and visual order in shared environments. In settings where small behavioral deviations can disproportionately affect stream quality, that added structure helps stabilize participation and protect compliant users.



Engineered for organics workflows

FX is optimized for the way organics programs actually operate in practice.

That includes compatibility with bagged and loose organics deposit, frequent servicing cycles, high-turnover residential environments, and early-stage organics expansion programs where collection workflows need to remain practical while deposit integrity improves at source.

The aim is to integrate cleanly into existing operations while strengthening performance where it matters most: at the point of deposit.

Controlled deposit where it adds value

FX is designed first as a strong physical organics enclosure, but it can also support controlled deposit where stream quality needs greater protection.

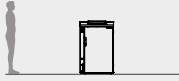
Where required, metroKEY can be introduced to add structured participation, improve accountability, and help support cleaner use in environments where open access is not enough. This allows organizations to start with durable enclosed infrastructure and add more structure only where operating conditions justify it.

Built for repeatable rollout

FX is not just a one-off organics enclosure. It is designed as a standardized product architecture that can be repeated across multiple sites, portfolios, and districts.

That makes it easier to move from pilot deployment to broader rollout without redesigning infrastructure at every location. For operators expanding organics capture under regulatory or program pressure, that repeatability is a major advantage.

Product Capacity & Dimensions



Model	Description	User Deposit Access	Access	ADA Compliant	Aperture	Depth (Inches)	Width (Inches)	Height (Inches)
FX48 FP	35 / 48 gal Organics Cart Unit with Footpedal Operated User Deposit Access Hatch	Top	Single	✗	16x16	33.2	32.2	43.8
FX48 FP AC	35 / 48 gal Organics Cart Unit with Access Controlled Footpedal Operated User Deposit Access Hatch	Top	Single	✗	16x16	33.2	32.2	43.8
FX48 FP ADA	35 / 48 gal Organics Cart Unit with Footpedal Operated and Secondary ADA Lever Operated User Deposit Access Hatch	Top	Single	✓	16x12	33.2	32.2	43.8
FX48 FP ADA AC	35 / 48 gal Organics Cart Unit with Access Controlled Footpedal Operated and Secondary ADA Lever Operated User Deposit Access Hatch	Top	Single	✓	16x12	33.2	32.2	43.8
FX65 FP	65 gal Organics Cart Unit with Footpedal Operated User Deposit Access Hatch	Top	Single	✗	16x16	33.9	32.6	50.1
FX65 FP AC	65 gal Organics Cart Unit with Access Controlled Footpedal Operated User Deposit Access Hatch	Top	Single	✗	16x16	33.9	32.6	50.1
FX95 FP	95 gal Organics Cart Unit with Footpedal Operated User Deposit Access Hatch	Top	Single	✗	16x16	38.9	36.1	52.6
FX95 FP AC	95 gal Organics Cart Unit with Access Controlled Footpedal Operated User Deposit Access Hatch	Top	Single	✗	16x16	38.9	36.1	52.6

Product Specification & Options

Components	Standard Configuration	Available Options
Deposit Access	Top	
Service Door	Front	
Service Door Lock	Euro Cyclinder	
User Deposit Access Control	Combined BLE + Keypad Latch (AC Variants)	Keypad Latch BLE Latch
Fill Sensor		Fill Level Sensor
Graphics / Signage		Waste Stream Signage Graphic Wrap (Sides / All) Custom Panel Color
Access Control Software		G2) SMART Container Package for Bluetooth Smartphone / Electronic Keypad Access Control Units - <i>metroKEY Interactive Access Control System - Smartphone Based User Interface / Administrator Portal / Dashboards / Onboarding of Client Team, Maintenance and Tech Support</i> G3) SMART Container Package for Fill Sensor Only (No Access Control) Units - <i>metroKEY Interactive Fill-Level Monitoring System - Remote Monitoring of Dumpster Fill Levels / Administrator Portal / Dashboards / Onboarding of Client Team, Maintenance & Tech Support</i> G4) SMART Container Package for Bluetooth Smartphone / Electronic Keypad Access Control / Fill Sensor Units - <i>metroKEY Interactive Access Control and Fill-Level Monitoring System - Smartphone Based User Interface Remote Monitoring of Dumpster Fill Levels / Administrator Portal / Dashboards Onboarding of Client Team, Maintenance & Tech Support</i>

FX within the wider metroSTOR range

FX is the product in the range most directly optimized for organics and other contamination-sensitive streams. For more general cart and bagged waste or recycling, see [metroSTOR RC System](#). For direct public deposit environments, see [metroSTOR RCF System](#). For higher-volume applications, see [metroSTOR BD System](#) and [metroSTOR metroPOD System](#).



metroSTOR RCF System
Street Deposit Enclosure

metroSTOR RC System
Cart & Bag Enclosure

metroSTOR BD System
Dumpster Enclosure

metroSTOR metroPOD System
Controlled-Deposit FEL Dumpster

metroSTOR metroLid System
Controlled-Deposit Lid Retrofit