

City of Fairfield
Solid Waste, Recyclables & Organics
Collection Containers

The City's Authorized Collector provides collection service and containers. Customers have the option of using carts, bins, roll-off boxes and/or compactors for the collection of MSW and recyclables. 65-gal carts are utilized for food waste. The Authorized Collector provides all containers with the only exception being that businesses can use their own compactors provided they are compatible with the Authorized Collector's fleet of automated collection vehicles.

Container Conversion Table	
1 gallon	0.134 cubic feet
27 cubic feet	1 cubic yard
1 cubic yard	203 gallons or 150 lbs.

Cart Collection

Three cart sizes are available for the storage of recyclables (blue lidded carts) and MSW (black lidded carts). Commercially collected food waste only utilizes 65-gallon (green lidded) carts that are available with a locking mechanism upon request. Cart service may be an excellent option for low-volume generators or for businesses with limited space. Carts are easily maneuverable in alleys and small enclosures. The chart below lists the dimensions for the various sized carts that are available.



A 35-gallon MSW cart, 65-gallon recyclables cart & 95-gallon organics cart are shown above (from left to right)

Cart Dimensions					
Cart Size	1 cubic yard equivalent to:	Height	Width	Depth	Footprint (rounded)
35 gallons	6 carts	39"	24"	22"	4 sq. ft.
65 gallons	3 carts	42"	27"	27"	5 sq. ft.
95 gallons	2 carts	46"	26"	32"	6 sq. ft.

Front-load Bin Collection

Commercial bins for MSW and recyclables come in sizes ranging from 2 cubic yards to 6 cubic yards. Sizes 2 cubic yards to 4 cubic yards are equipped with wheels for maneuvering, while 6 cubic yard bins are stationary (no wheels). If a large-sized stationary bin is used, the bin **MUST** be directly accessible by collection trucks. The chart below lists the dimensions for each front-load bin available.



6-yd bins are not available with wheels

Front-Load Container Dimensions				
Bin Size	Height	Depth	Length*	Footprint (rounded)
2 cubic yards	52"	44"	80"	24 sq. ft.
3 cubic yards	59"	50"	80"	28 sq. ft.
4 cubic yards	69"	56"	80"	31 sq. ft.
6 cubic yards	73"	68"	80"	38 sq. ft.

* The 80" includes 8" to overall length of front-load bins to include 4" pockets on each side.



Front load container bins from left to right (4-yd., 3 yd., & 2 yd.) are shown above

Roll-off Box Collection

Roll-off boxes are available in four sizes (10, 20, 30 & 40 cubic yards.). This type of container is most frequently used at construction sites, but is also designed for high volume users. They may be placed directly behind a building where space is available or at a loading dock to allow loading from above. If it will be placed at a loading dock, bumper pads must be installed to avoid undue dock damage from the heavy container.



Roll-off containers must be placed on a level service. If placed on an incline, roll-away protection is required. In-street placement by the Authorized Collector requires the user to obtain an encroachment permit from the Public Works Department.

Please contact the City's Authorized Collector at (707) 437-8900 for an on site placement inspection and before installing any loading dock bumper rails.

The chart below lists the required clearances for roll-off vehicles & container dimensions:

Required Clearances for Roll-Off Vehicle	
Vertical (Approach & Exit)	15' high
Vertical (Rails raised w/bin)	25' high
Lateral	10' wide
Service Area Length (direct approach w/bin)	75' long

Roll-Off Container Dimensions				
Size	Height	Width	Length	Footprint
10 cu. yds.	4'	8'	14'	112 sq. ft.
20 cu. yds.	6'	8'	16'	128 sq. ft.
30 cu. yds.	7'	8'	22'	176 sq. ft.
40 cu. yds.	8'	8'	24'	192 sq. ft.

Compactor Collection

Businesses may choose to utilize their own compactor to reduce volume before transport and to minimize scavenging. For improved efficiency, a compactor should be used in place of a debris box when one location requires a 6 cubic yard bin that needs to be emptied more than 3 days per week. Larger sized compactors require a roll-off truck to be emptied. The entire unit must be picked up with a roll-off truck and be taken away. A container will not be available for 1-2 hours during this time. Some smaller compactors (4 cubic yards and smaller) can be emptied on-site using a front load truck so the unit does not have to leave the property.

All compactors must have inside rail dimensions of 28", exterior rail dimensions of 34" and a direct approach of 75'. Additionally, most require a 220V double phase electrical outlet. If a business is using a compactor for organics, it must be leak proof to prevent discharge into the City's storm drain system. Please contact the City's Authorized Collector at (707) 437-8900 before purchasing, renting or installing a compactor to ensure proper compactor sizing and servicing compatibility with hauling vehicles.



Keep in mind that compactors are large pieces of equipment that need to have adequate space for both the receiver and the compaction equipment. The chart below provides the clearances required for compactors.

Required Clearances for Compactors	
Vertical (Approach & Exit)	15' high
Vertical (Rails raised w/compactor)	25' high
Lateral	2' around compactor
Service Area Length	75' long

Compactors vary in size depending on the capacity and manufacturer. The preceding charts list the capacity and approximate dimensions of various sized compactors that are available. It is important to obtain actual dimensions from the manufacturer or vendor. Additionally, keep in mind that organics are very liquid in content and cannot be loaded above the compactor blade of the hopper. This means the actual capacity for organics is less than the size of the compactor.

Front Load Truck Emptied Compactor Dimensions*			
Compactor Size	Height	Width	Depth
2 cubic yards	8.5'	8'	5'
3 cubic yards	7'	8'	7'
4 cubic yards	8'	8'	9'

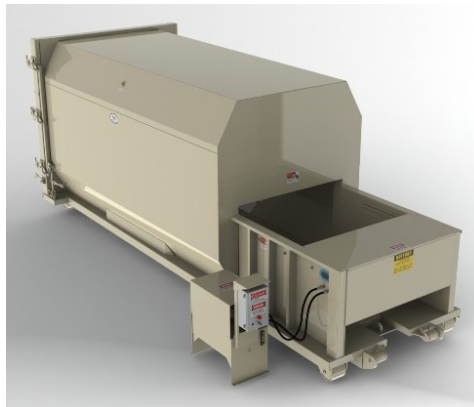
*Dimensions listed are approximate. Exact specifications of the unit should be obtained from the manufacturer or vendor to determine enclosure dimensions.



Vertical Compactors such as the one shown above are excellent for small spaces and require a front load truck to empty.

Roll-off Truck Emptied Compactor Dimensions*			
Compactor Size	Height	Width	Length
6 cubic yards	8'	8'	12'
10 cubic yards	8'	8'	14'
15 cubic yards	8'	8'	17'
20 cubic yards	8'	8'	20'

* Dimensions listed are approximate. Exact specifications of the unit should be obtained from the manufacturer or vendor to determine enclosure dimensions.



Roll-off compactors are required for compactors over 6 yards.

Cooking Oil/Grease Collection Containers

Food Facilities that generate cooking oil and grease for disposal must collect oil and grease in a separate container designed specifically for the collection of these two items. Disposal of oil and grease in a MSW collection container is not allowed. Many Food Facilities contract with a commercial oil and grease management company that will provide an exterior collection container. Since the container must be housed within the enclosure, the container size must be considered when determining the size of the enclosure. The oil tank must have a minimum of 1 ½ feet between the oil tank and any other collection containers housed with the enclosure. Below is a chart listing the most common sizes of cooking oil/grease containers.

Oil/Grease Container Dimensions*			
Container Size	Height**	Width	Depth
100 gallon	41"	33"	45"
200 gallon	41"	33"	71"
300 gallon	41"	43"	71"

* Exact specifications of the oil/grease container should be obtained from the manufacturer or vendor.

**Container height includes 5" for rolling cart.



An Eco-tub is an option for businesses that generate a small amount of pure cooking oil



Cooking oil/grease containers are available in sizes as large as 300 gallons