



# UMT™ 224 SERIES BI-SORTER

## DESCRIPTION

The UMT™ 224 series 24" diameter Bi-Sorter was designed for multi-story buildings that wish to sort recyclables away from the buildings trash with a single chute system.

The UMT™ 224 series Bi-Sorter is installed below the buildings trash chute which will then allow the sorting mechanism to divert trash to a compactor or container and recyclables to a dedicated container. The diverter is controlled at each intake floor. The user selects the desired sorting type with a push button. If the sorter system is installed with our Easy-Wave® interlock system the selection buttons will be integral with the system.

## SORTER SPECIFICATIONS

- The sorter body is constructed of 1/4" thick steel which is continuously welded and has a powder coat finish.
- The diverter plate is constructed of 1/2" thick heavy duty grade aluminum.
- Support legs are adjustable to accommodate various compactors and containers.

## ELECTRICAL SPECIFICATIONS

- The main control panel runs 115VAC nominal / 6 Amps Maximum.
- All controls are 24 Volt DC.
- Main controller has a 32 character backlit LCD display.
- All electrical components are UL listed.
- Sensor based operation - No mechanical limit switches to fail or go out of adjustment.
- System status is displayed at all times.
- Access door is safety interlocked to disable sorter when opened.
- Optional bin full sensors - Sorter is locked out when bin is full.
- Optional bin present sensor - Sorter locked out if bin is not present.
- All mechanical parts are enclosed to eliminate pinch point injuries.

