



Universal Changing Tables Resource Guide

The Accessible Ohio Team at Opportunities for Ohioans with Disabilities created this resource guide to assist entities throughout Ohio interested in learning more about universal changing tables. For more information about Accessible Ohio, please visit the [Accessible Ohio webpage](#).

The information in this resource guide is organized using the following categories:

General modifications needed to install universal changing tables in restrooms and possible re-arrangement of the space	Page 2
Options for universal changing tables, including procurement and estimated costs	Page 2
Options for installation of universal changing tables	Page 5
Information on hoists or lifts, including procurement, installation, and estimated costs	Page 6
Information on mobile changing units and estimated costs	Page 7
Resources	Page 10
Conclusion	Page 10



General modifications needed to install universal changing tables in restrooms:

According to the [Ohio Department of Commerce website](#), the rule changes identified as Amendments Group 100 were adopted by the Ohio Board of Building Standards. The [2024 Ohio Building Code Rules](#) will become effective March 1, 2024. New sections 1110.18 and 1113 address where adult changing tables (universal changing stations) will be required, the associated scoping requirements, and the technical guidelines of these adult changing stations. Section 1102.2 addresses the compliance expectations for existing buildings. Here is what the amendment addresses:

- Where adult changing stations are required.
- Where they are and are not to be located.
- The associated travel distance to the adult changing table.
- Adult changing table safety features, including safety rail, type of surface, and weight capacity.
- What should be included in a toilet or bathing rooms or other spaces.
- Signage requirements on directional signage, signage indicating “Adult Changing Station”, and signage indicating weight capacity and instructions for operation.
- Clearances, addressing clear floor space, clearances at accessible elements, maneuvering clearances at doors, wheelchair turning spaces, side clearance, and end clearance.
- Changing surfaces requirements, including size, length, width, and height adjustability.
- Side rail specifications, including size, location, and rail positioning.

The [Changing Spaces Campaign website](#) suggests including additional features such as a hoist to use when caregivers are providing assistance and a personal shower head. This resource includes sample layouts for universal changing stations, considerations for privacy, clearance space for both movement of a wheelchair and space for a caregiver, and ideas for including a sink, toilet, waste receptacle, and wall hook. Information on signage for universal changing stations is also provided.

[Max-Ability website](#) includes examples of restroom floor plans for universal changing stations that include dimensions and suggestions for signage. This resource includes CAD (computer aided design) and BIM (building information model) files, specifications and product details, installation drawings and demonstration videos, and user guides for various changing tables.

Options for universal changing tables, including procurement and estimated costs:

OOD, as a state of Ohio agency, does not endorse products, services, or vendors. It is noted that the starting costs of various tables are noted below as of the publication date of this resource guide. There are other costs to consider including shipping fees, applicable taxes, installation fees, possible return or restock fees, special hardware or installation kits, and additional features. This list of additional costs may not be exhaustive. Here is a non-exhaustive list of examples of the types of tables and resources available for consideration:



[Harbor Medical](#)

The [Harbor Medical webpage, titled Changing Tables](#) includes information about various height adjustable, wall mounted changing tables available for purchase. Here is information about their electric changing tables:

- Invincible Changing Table
 - Total Product dimensions: 75 1/4" x 39 1/16"(stretcher and guard deployed) x 59 7/8"
 - Weight capacity: 500 pounds
 - Price: \$7,400



- CTX Changing Table
 - Total product dimensions: 71" x 35 15/16" (stretcher and front guard deployed) x 61"
 - Weight capacity: 440 pounds
 - Price: \$7,400



- Nivano CTE2 Changing Table
 - Table product dimensions: 74" x 36"
 - Weight capacity: 485 pounds for adult size
 - Price: \$5,600





[Max-Ability](#)

The [Max-Ability webpage, titled Adult Changing Tables](#) includes information about various changing tables available for purchase. Here is information about their electric changing tables:

- [Armedica Hi-Lo Changing Table](#)
 - Table dimensions: 76" x 30"
 - Weight capacity: 500 pounds
 - Price: starting at \$2,897



- [Pressalit Versa Max Adjustable Changing Table](#)
 - Table dimensions: 72" x 32"
 - Weight capacity: 441 pounds
 - Price: starting at \$7,997



- [Pressalit 2000/2100 Hi Lo Changing Table](#)
 - Table dimensions: 71" x 32.25"
 - Weight capacity: 441 pounds
 - Price: starting at \$7,965





[Pressalit 3000 Adult Changing Table](#)

- Table dimensions: 75.25" x 31"
- Weight capacity: 441 pounds
- Price: starting at \$7,899



[Patient Safety USA](#)

The [Patient Safety USA webpage, titled Adult Changing Tables](#) includes information about various changing tables available for purchase. Here is information about their electric changing table:

- [CT 4100 Change Table](#)
 - Table dimensions: 72" x 32"
 - Weight capacity: 440 pounds
 - Price: Changing table: \$9,095; Mattress: \$550



Options for installation of universal changing tables

One installation option to consider is to utilize your organization's internal maintenance staff if they are available and their skills meet the needs of the job. Information on the installation of the various tables is available online. [Max-Ability website](#) includes CAD and BIM files, specifications and product details, installation drawings and demonstration videos, and user guides for various changing tables. Websites for manufacturers of individual tables commonly provide technical guidelines. For example, the [Koala Kare website](#) and the [Pressalit website](#) have installation and technical guides for the tables.

Here are additional options to consider:

- Review the list of universal changing table locations listed on the Ohio [Changing Spaces Campaign website](#) and consider reaching out to those entities for information on installation.
- Utilize contractors with which your organization has an established relationship.



- Review vendors who have experience in installing universal changing tables. Based on our research and conversations, pricing may vary depending on layout, space, plumbing and electrical needs, or structural modifications needed. Here is an example of a vendor who installs universal changing tables:
 - [Quality Installers](#)
 - Quality Installers specializes in installations and relocations for commercial businesses and has locations nationwide, including Cincinnati, Ohio. The website for Quality Installers in Cincinnati provides information about the services they offer, including universal changing table installation.
 - Phone number: 888-500-1203
 - Email: rachel@qualityinstallers.net

There are many factors that may affect the cost of these modifications, including the layout and condition of the existing space; the need for electrical, plumbing, and/or structural changes; signage; applicable permits; installation; privacy features; required elements (see the [2024 Ohio Building Code Rules](#)); and additional features. The [Changing Spaces Campaign website](#) suggests a hoist to use when caregivers are providing assistance and a personal shower head for washing as additional features.

[Information on hoists or lifts, including procurement, installation, and estimated costs:](#)

A hoist, also referred to as a lift, may be on a ceiling track system or freestanding. A ceiling track system saves space, but a freestanding lift is an option if the ceiling track is not possible. Pricing for installation may vary depending on layout, space, plumbing and electrical needs, or structural modifications needed. Based on our research and conversations, estimated costs range from \$4,000 to \$6,000 for floor lifts and up to \$10,000 for ceiling lifts. Here is a non-exhaustive list of providers and installers:

- [Covenant Contract Services, Inc.](#)
 - Covenant Contract Services, Inc. provides environmental adaptation and has experience with installation of hoists.
 - Phone number: 888-510-1933
 - Address: 3939 S. Charleston Pk. (US Route 41) Springfield, OH 45502
 - Email: Chris@covenantcontract.com
- [Mobility Plus](#)
 - Mobility Plus is a supplier and installer in Cincinnati and Dayton.
 - Cincinnati:
 - Phone number: 513-259-3821
 - Email: shawn.zech@mobilityplus.com
 - [Mobility Plus Tri-County](#)
 - Dayton:
 - Phone number: (937) 949-8044
 - Email: dayton@mobilityplus.com
 - [Mobility Plus Dayton](#)
- [National Seating & Mobility](#)
 - National Seating & Mobility is a supplier and installer in Toledo.



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- [Next Day Access](#)
 - Next Day Access is a supplier and installer in Toledo.
- [Secure Care Health Systems, Inc.](#)
 - Provides equipment and installation of ceiling hoists and floor lifts for all of Ohio.
 - Contact information:
 - Phone number: 614-256-7189.
 - Email: Ryan@Securecare-usa.com

Personal shower heads may range in price from \$50 and above plus installation according to a general internet search.

Information on mobile changing units and estimated costs:

Another option to consider is a mobile changing unit. Options and examples include Momentum Refresh, Creative Mobile Interiors, and Disability SA.

Momentum Refresh

Momentum Refresh is a product of Momentum. This company has a vehicle that is fully equipped with a toilet, grab bars, universal changing table, ceiling hoist, adjustable sink, and privacy curtains. It is also equipped with cleaning supplies, a driver, and an attendant.

Currently the vehicle is available for rent at a cost of \$2900 per day. Momentum is in the process of creating a franchise for vehicles. The vehicles are available for purchase on a limited basis. These costs are not available currently. Here are some links to the vehicle being used at the Minnesota State Fair:

- [Refresh at the Minnesota State Fair – 3-minute video](#)
- [Momentum Refresh at the Minnesota State Fair - 30-second video](#)

Here are pictures from the [Momentum Refresh website](#):





Creative Mobile Interiors

Creative Mobile Interiors in Grove City, Ohio has customized a vehicle to provide a changing space to meet the needs of an individual family. This basic customization costs \$52,000-\$54,000 in addition to the cost of the vehicle. This customization does not include a toilet or a generator. The air conditioning and heat do not work if the vehicle is not running. Creative Mobile Interiors is available to discuss further customization for a vehicle that could be used for public use. Additional information is also available on the [Creative Mobile Interiors website](#).

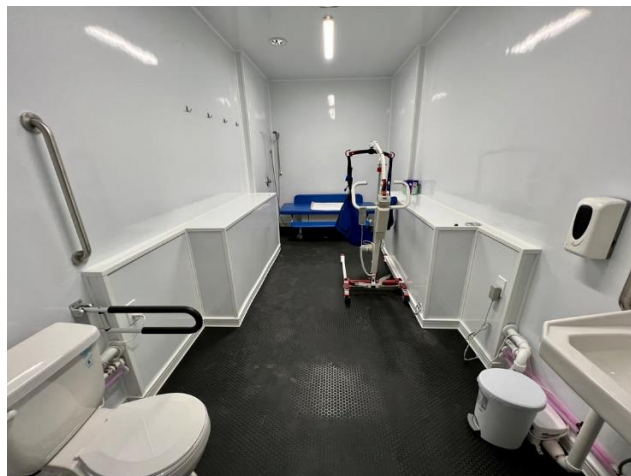
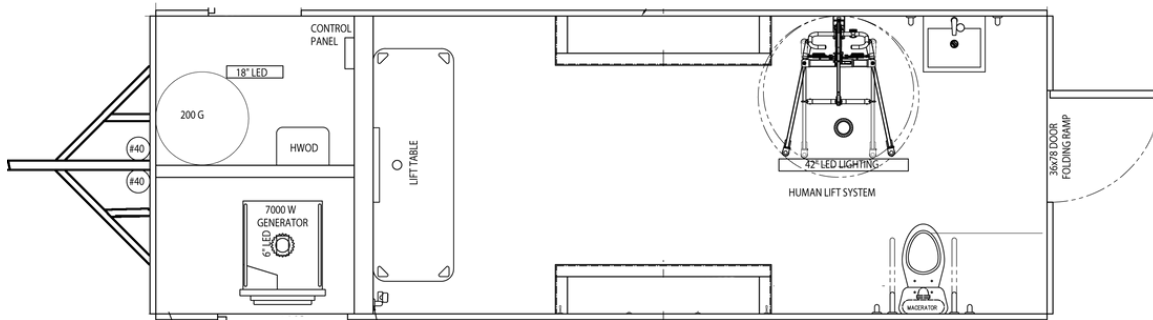




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Another example of a mobile changing unit is included in [Disability SA's resource titled Announcing the Mobile Changing Unit](#). According to this resource, “The MCU is one of the first attendant run, mobile, self-contained, and environmentally controlled changing and toileting facility in the United States.” It is a 20-foot trailer with changing and toileting facilities and includes a power hoist, height-adjustable universal changing table, handheld shower head, ADA toilet with handlebars, height-appropriate sink, and HVAC. According to [Community Impact website](#) and [Impact San Antonio](#), this mobile unit was developed in part through a \$100,000 grant. Here are pictures and illustrations of the mobile unit from the [Disability SA website](#):





Resources

- [Changing Spaces website](#)
- [Community Impact website](#)
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 - Email: Chris@covenantcontract.com
- [Creative Mobile Interiors website](#)
- [Disability SA website](#)
- [Harbor Medical](#)
 - [Changing Tables](#)
- [Impact San Antonio](#)
- [Koala Kare website](#)
- [Max-Ability website](#)
 - [Adult Changing Tables](#)
 - [Max-Ability Restroom Design](#)
- [Mobility Plus - Cincinnati](#)
- [Mobility Plus - Dayton](#)
- [Momentum Refresh website](#)
- [National Seating & Mobility](#)
- [Next Day Access](#)
- [Ohio Department of Commerce](#)
 - [2024 Ohio Building Code Rules](#)
- [Patient Safety USA](#)
 - [Adult Changing Tables](#)
- [Pressalit website](#)
- [Quality Installers](#)
- [Secure Care Health Systems, Inc.](#)

Conclusion

OOD's Accessible Ohio Specialist provides accessibility consultations at no charge to Accessible Ohio Partners and Employer Partners in the State of Ohio. These consultations are intended solely to provide resources to Partners who are self-evaluating the accessibility of their environments and fostering disability-inclusive cultures in these environments. OOD does not endorse products, services, or vendors. OOD is not responsible for the regulation or enforcement of Federal, State, or local laws and regulations, including the Americans with Disabilities Act (ADA). The information provided in this report is neither a determination of your legal rights or responsibilities under the ADA, nor binding on any agency with enforcement responsibility under the ADA. Nothing in this document states whether a Partner is or is not in compliance with the ADA, and OOD is making no representation that any shared ideas or resources guarantee ADA compliance. Partners will need to consult with their own legal counsel for all matters related to interpretation and compliance with the ADA.



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OOD makes no representation as to the safety or efficacy of the suggestions contained within this report for any Partner. It is the Partner's duty to protect the health, safety and welfare of their clients, customers, constituents, stakeholders, employees, and other people who might be affected by implementing any changes to enhance accessibility, whether mentioned in this report or otherwise.

This report is meant to serve as an educational resource to the Partner while it considers decisions affecting accessibility and disability inclusion. Please contact Accessible Ohio (AccessibleOhio@ood.ohio.gov) with questions.