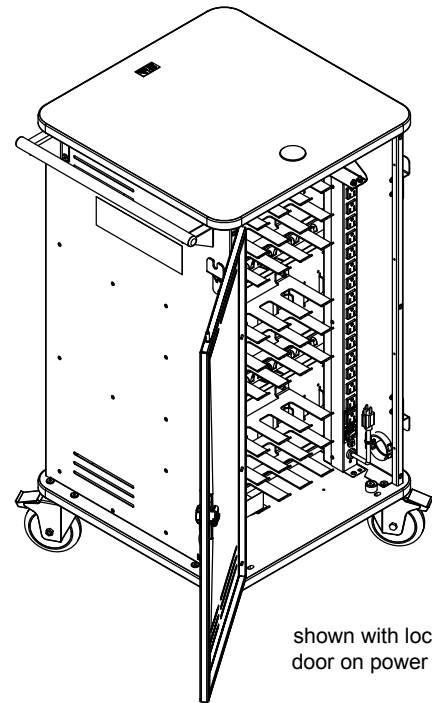
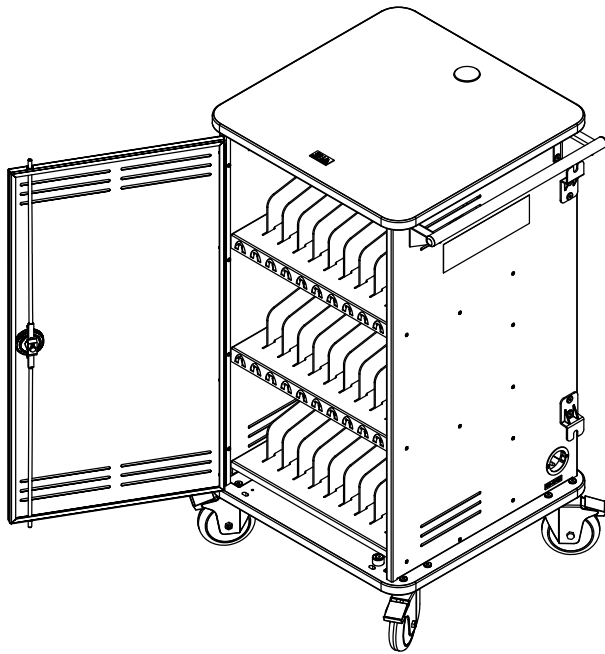


Technical Specifications

55465	with locking door on power side
55466	with solid panel on power side



shown with locking door on power side

The Cloud32 Chromebook Cart is used to store and charge 32 Chromebook laptops where a small footprint is required. The padded shelves protect the Chromebook laptops while flexible dividers support them in a vertical position for easier access to plug in. The overhead wire management aids the wiring integration allowing the charging plugs to hang in front of each Chromebook. The small footprint covers less floor space, and aids in moving the Cloud32 Cart. The Cloud32 Cart is built with powder-coated steel for security and a durable and long-lasting finish. A two-bolt lock on the door increases security of the Chromebooks.

Features and Benefits

- Designed for storage and charging of up to 32 Chromebooks (or equivalent device) with easy-access to electrical power
- Durable plastic dividers and shelf padding protect Chromebooks from damage
- Ample clearance is provided for easy removal/insertion of Chromebooks
- Scratch and impact resistant 1.063" high-pressure laminate worksurface and base panel
- Double-bolt, keyed locking door(s) provide security and easy-access (doors can be flipped to be hinged from the left or right)
- Locking 3" swivel twin-wheel (TW) caster, or 5" balloon wheel (BW) versions available
- Compact 24" [61 cm] x 24" [61 cm] footprint saves valuable classroom space and allows cart to easily move between student desks
- Worksurface and bottom panel grommets keep wires and cords manageable
- Superior cord management system keeps charge cords organized above each storage bay
- Innovative charge block mounting design provides best-in-industry ventilation and cooling while providing easy access and quick removal of chargers
- Includes 32, 12" [30.5 cm] Velcro strips standard
- Ventilated door and side panels keep equipment cool
- Two 16-outlet, 125V power units with 15-amp breaker and reset button
- Electrical system consists of UL-listed components
- External cord management brackets keep power cords organized
- One standard steel handle provides control when mobile
- Optional cycle timer provides switching between the cart's power units (For devices with higher amp draw)
- ETL recognized (certified to UL 60950-1) in the US and Canada for the cart and electrical system
- SCS Indoor Advantage Certified; meets or exceeds applicable ANSI-BIFMA test standards
- Warranted to be free of all defects in materials and workmanship with a 10-year warranty. Electrical system 1-year
- Assembled in Chippewa Falls, WI, USA




Base
BW - 5" Balloon Wheels (4 swivel) TW - 3" Twin-Wheel casters (4 swivel)

Color Options

Standard laminate / color combinations

White Fiesta / Silver Sparkle (WFS)



Standard color combination refers to the quickest deliverable product color combination. Custom laminates and color combinations are available-additional lead-times and up-charges may apply. Call 1-800-235-1262 for further information.

Construction

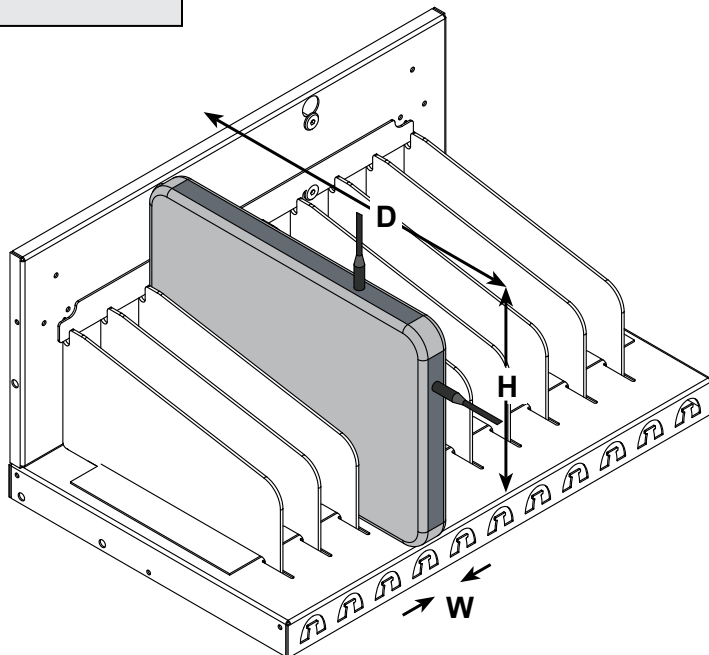
- The worksurface, and base panel is constructed from 1.063" thick NAUF (No Added Urea Formaldehyde) composite board with .030" high-pressure laminate on one face, and a balancing phenolic backer on the opposing face
- 16-gauge steel side panels, and doors
- Worksurface edges are covered with 3mm vinyl
- All metal components are finished with a scratch-resistant powder coat epoxy
- Each Cloud32 Chromebook Cart is factory-assembled with twin wheel casters or balloon wheels, packaged, and shipped on its own skid. *(Handle, and cord management brackets to be installed by customer).*

Specifications

Capacity	32 Chromebooks	
Storage bays (nominal)	1.75"W [4.4 cm] x 13.74"D [34.9 cm] (13.03"D at bay directly behind door lock) x 10.5"H [26.7 cm] (12.24"D when DC plugs are on door side of Chromebook)	
Electrical	<ul style="list-style-type: none"> • (2) 16 outlet power units • 125V~/12A, 60Hz 15-amp breaker • On/off switch • 15' nominal 14 AWG, 3-wire power cord • A separate wall circuit is recommended for each power strip 	<ul style="list-style-type: none"> • Outlets are separate from laptops and are accessible from the back of the unit via removable panel or locking door • Locking power-side door isolates and separates electrical line voltage from students • ETL recognized (certified to 60950-1) • UL-Listed components
5" Balloon Wheels	weight capacity 325 lb [148 kg] each	
3" Twin-Wheel casters	weight capacity 165 lb [75 kg] each	
Unit weight (nominal)	163 lb [74 kg]	
Shipping weight (nominal)	203 lb [92.2 kg]	

Specifications subject to change without notice

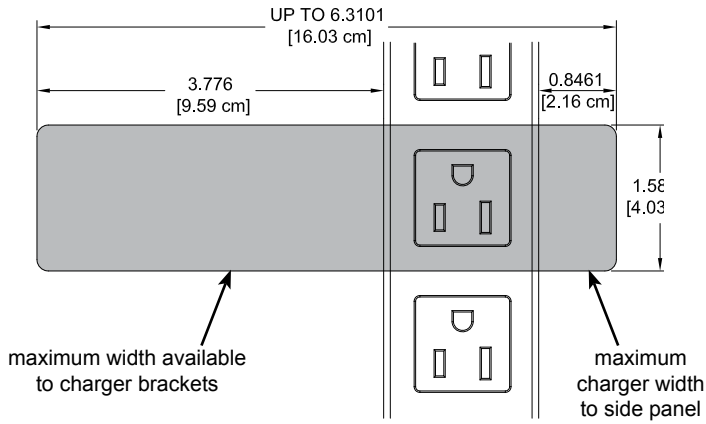
- Included with cart:
- 1 - steel handle
 - 9 - cord management brackets
 - 32 - 12" [30.5 cm] x .75" [1.9 cm] Velcro® straps



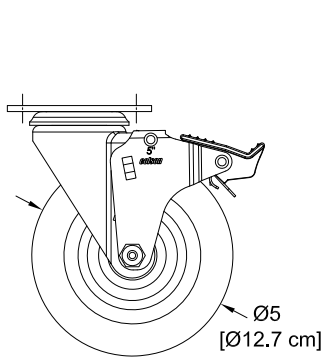
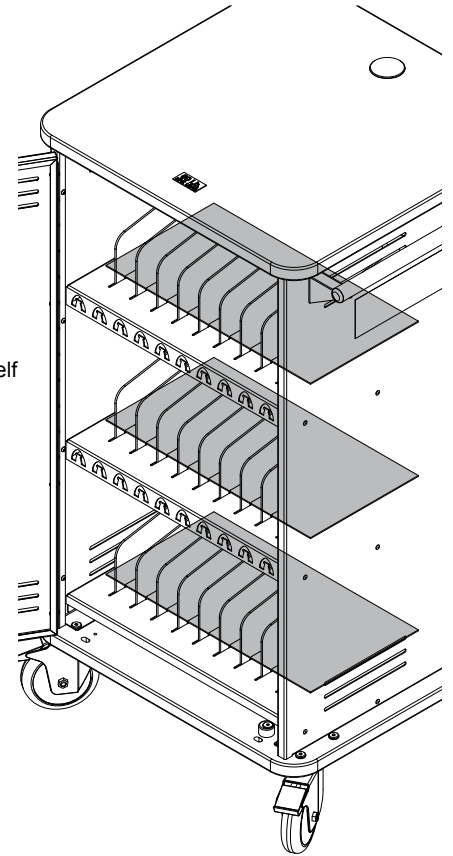
To ensure your specific Chromebook will fit, compare your Chromebook dimensions to the storage bay dimensions. The Chromebook must be placed in the bay with the charge plug on one of the two exposed edges (shown shaded).

Note: Large Chromebooks with the charge plug on the door side may require additional depth.

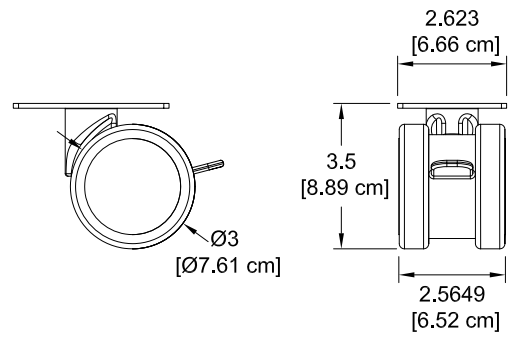
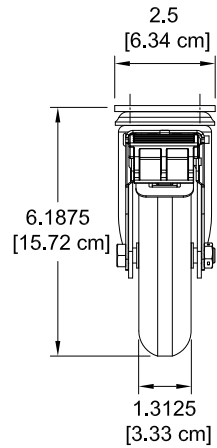
Nominal outlet spacing on each 16-outlet power strip



non-slip shelf padding

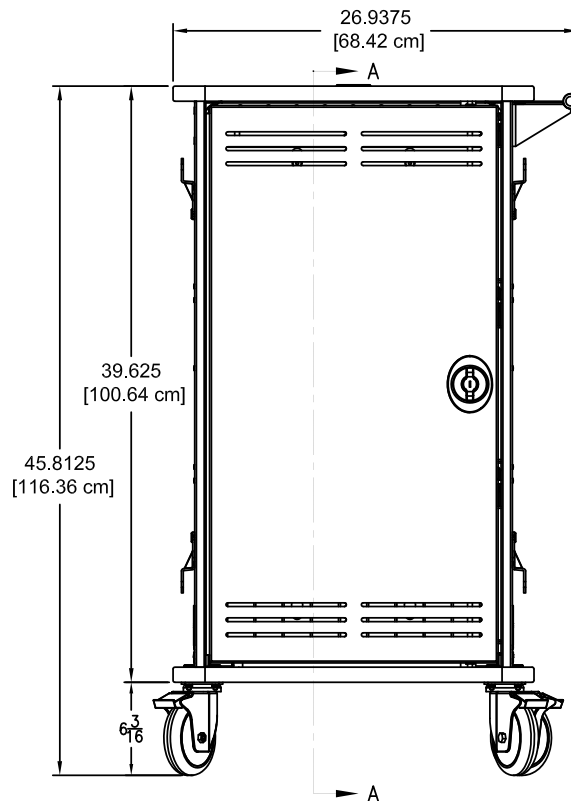
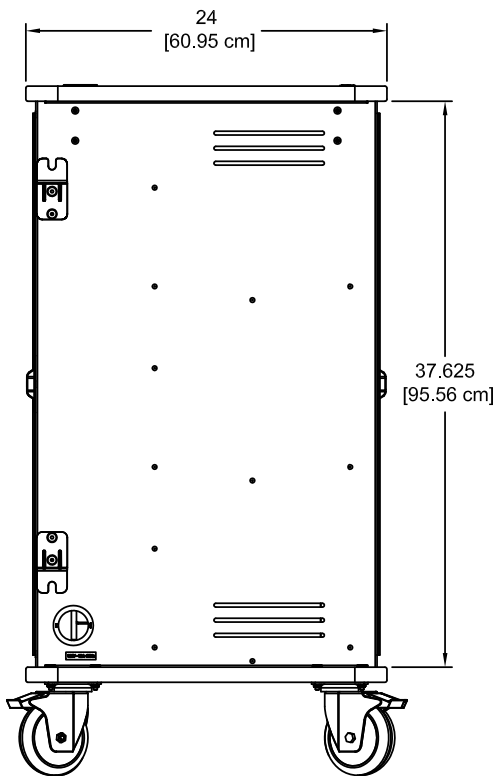
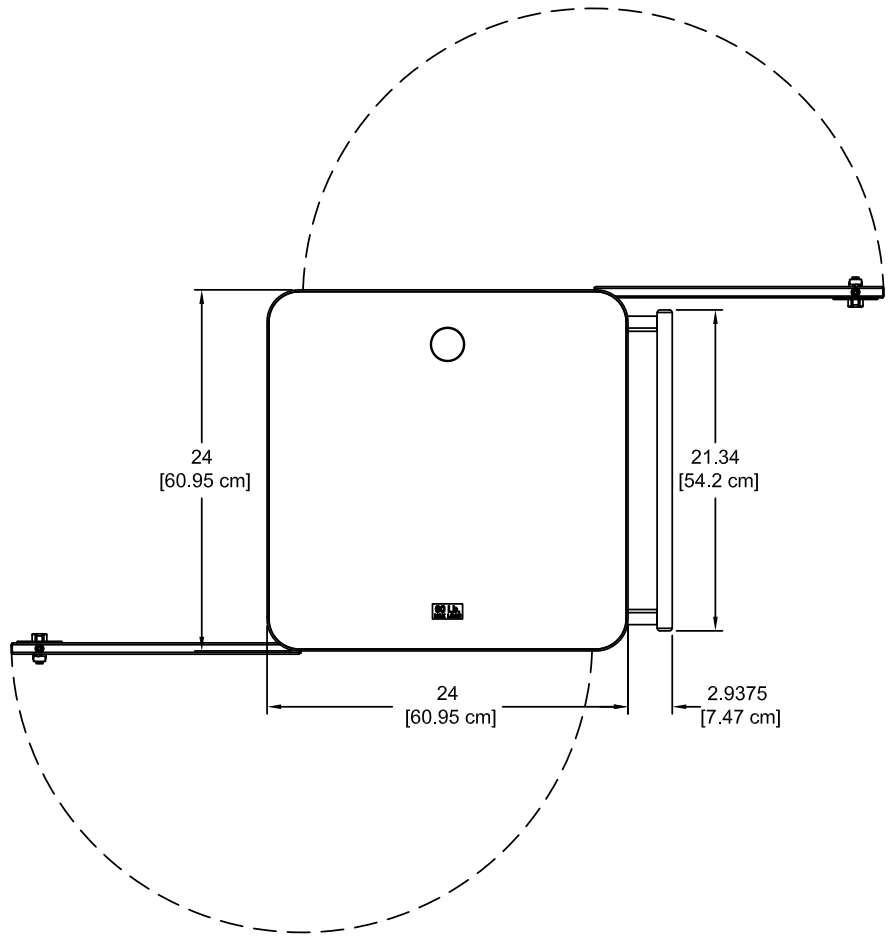
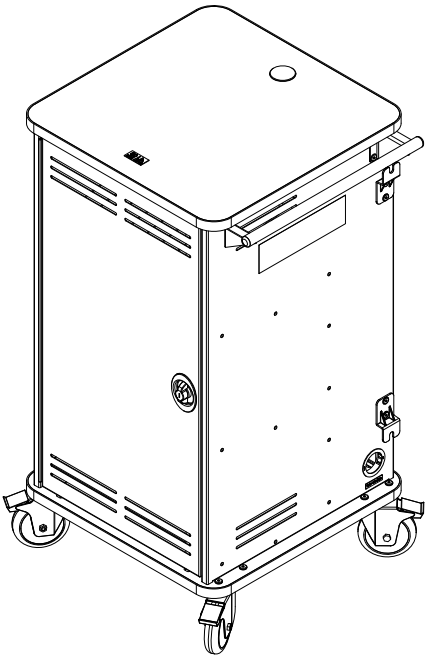


5" balloon wheel (BW)



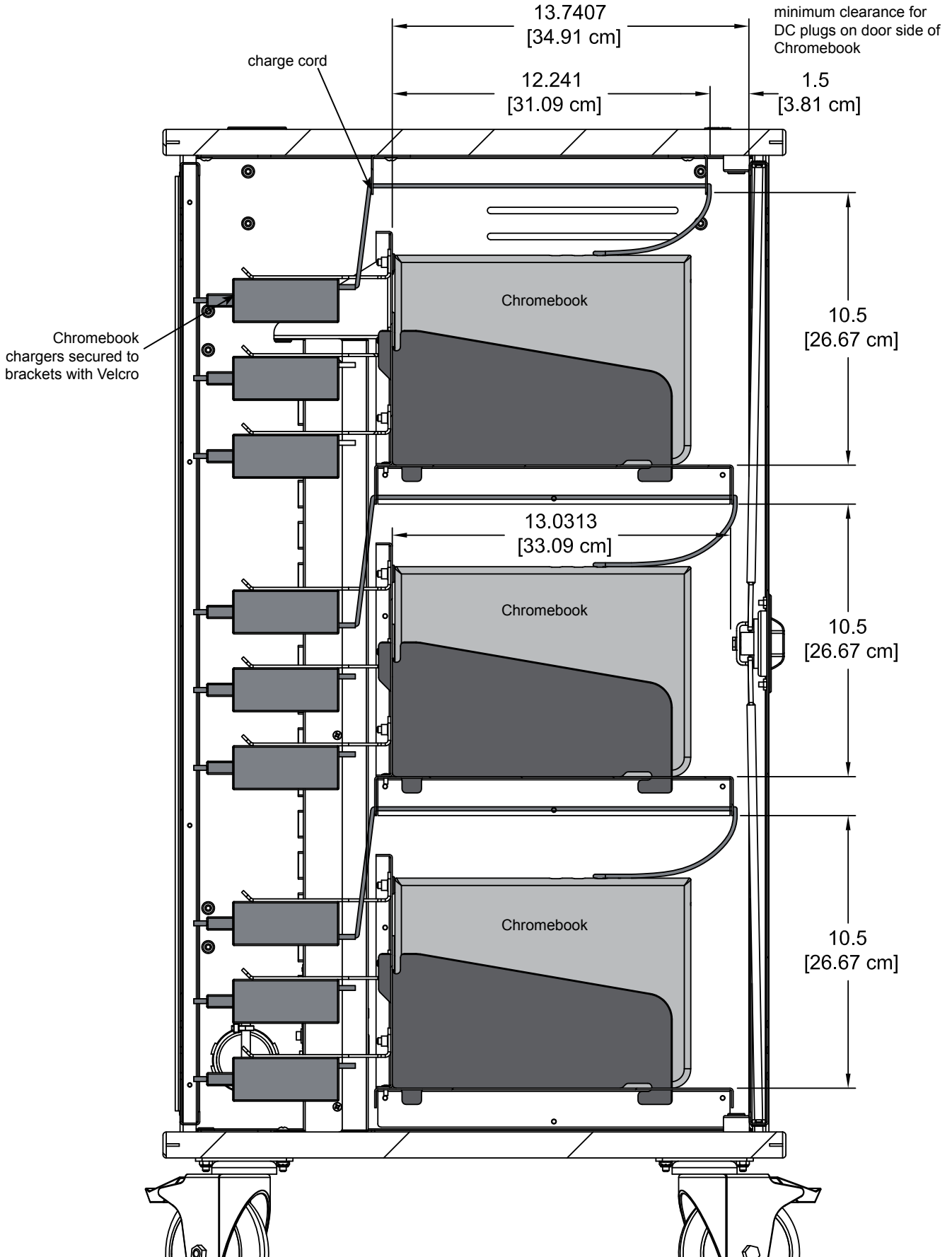
3" twin-wheel caster (TW)

Cloud32 Chromebook Cart



Note: Shown with 5" balloon wheels.

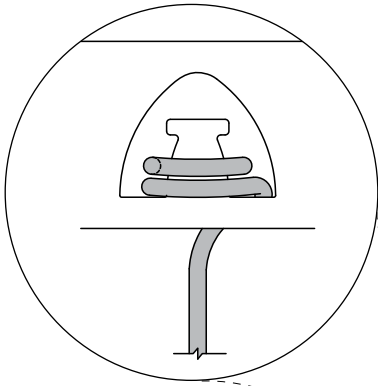
Cloud32 Chromebook Cart
section view



Cloud32 Chromebook Cart
cord management

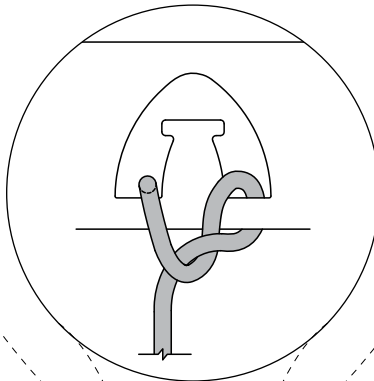
wiring option 1

Double wrap
easily removable



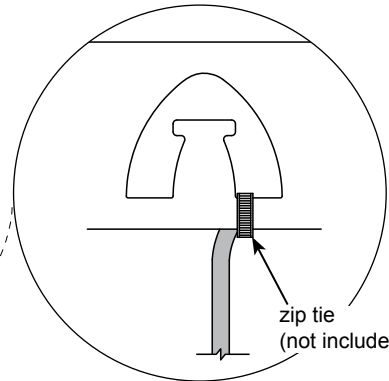
wiring option 2

Knot
semi-permanent

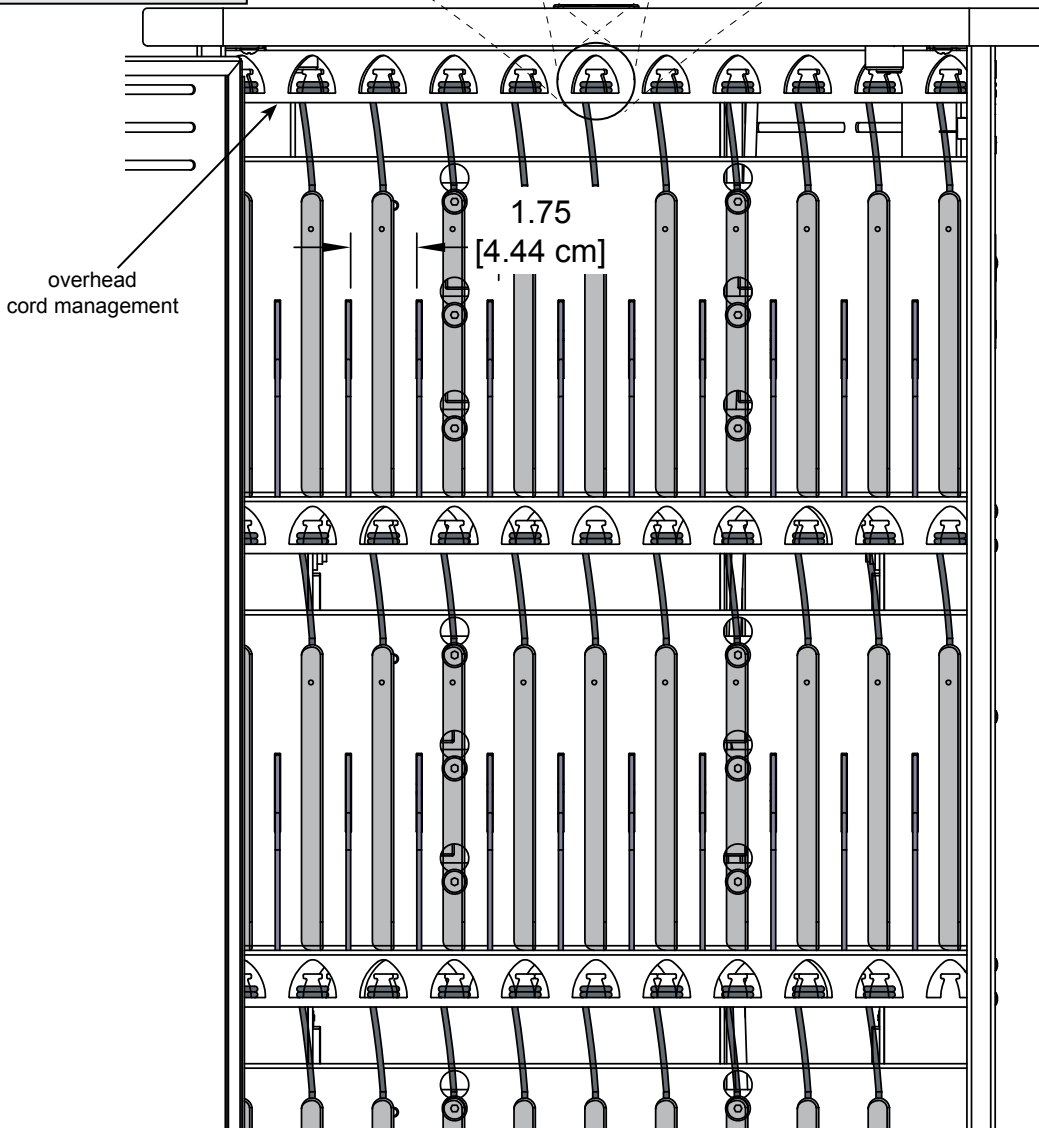


wiring option 3

Zip tie
permanent



Note: The double wrap option may not work with some cords with larger diameters and limited flexibility.

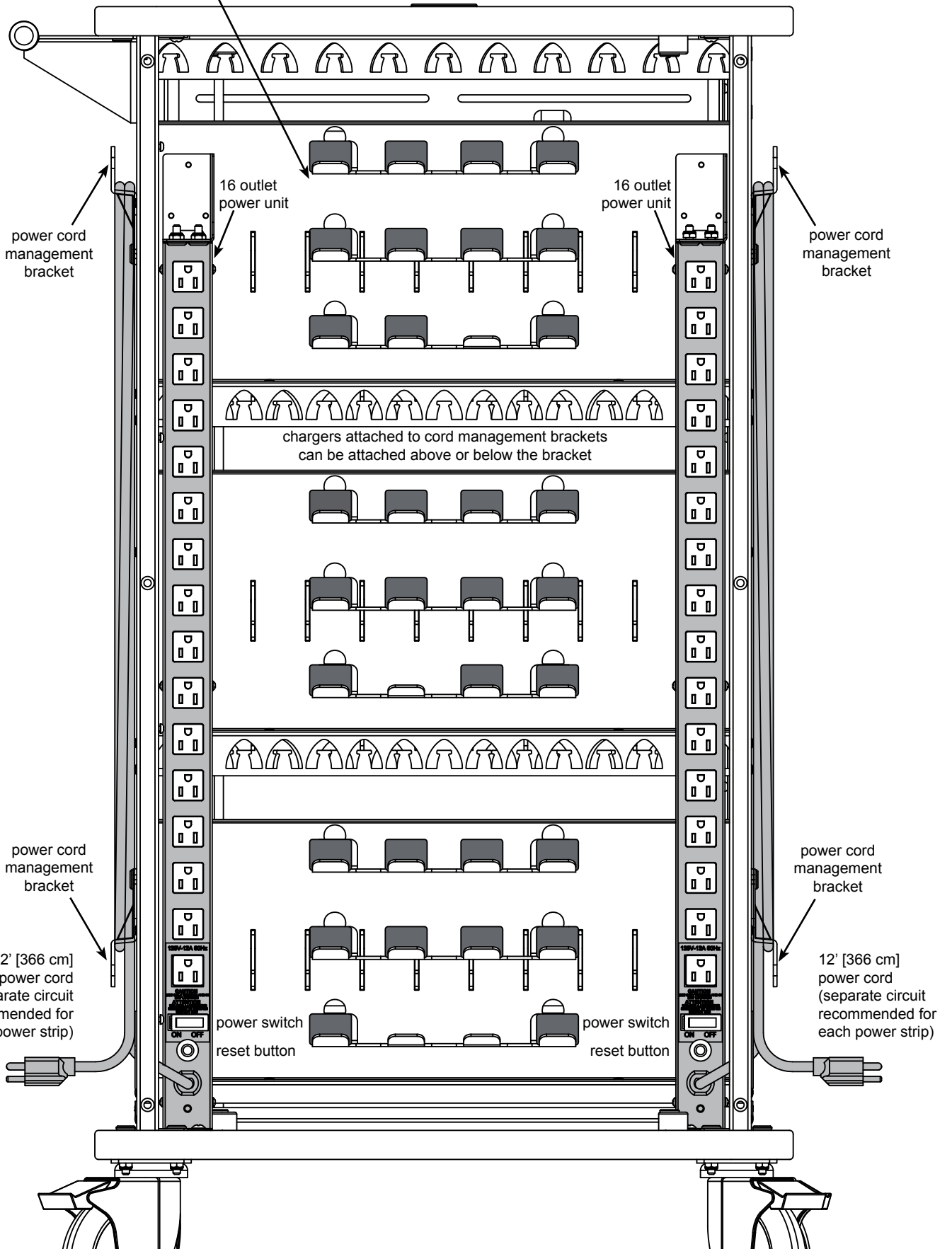


Student-Side View

Cord management wiring diagram power side view

Note: Chargers can be attached above or below the cord management brackets. **Figure 4A-B** shows them attached below the brackets. When wiring a full cart of 32 Chromebooks, four bracket spaces will not be needed.

Chromebook chargers attached to cord management brackets



power cord management bracket

16 outlet power unit

16 outlet power unit

power cord management bracket

chargers attached to cord management brackets can be attached above or below the bracket

power cord management bracket

12' [366 cm] power cord (separate circuit recommended for each power strip)

power switch reset button

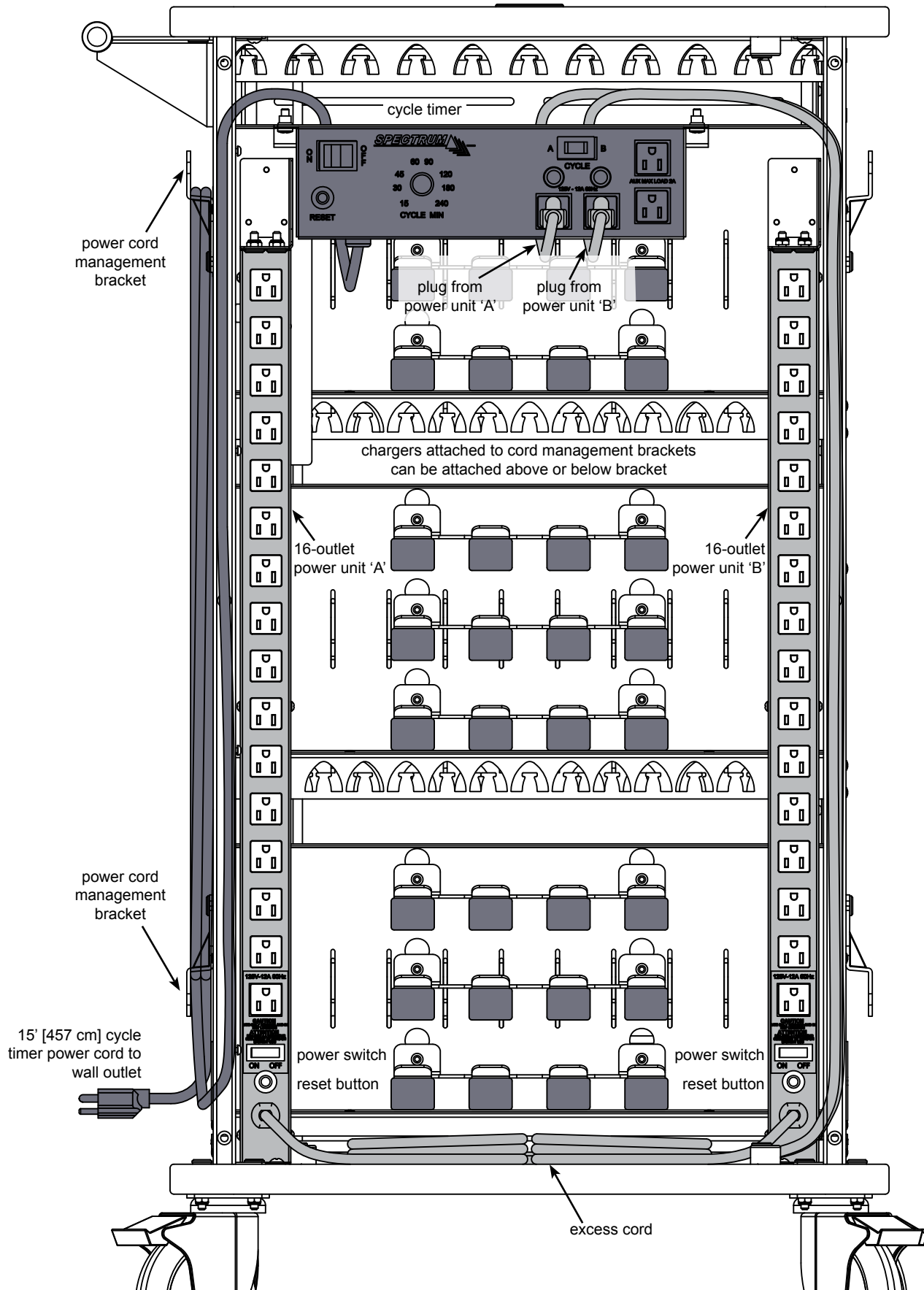
power switch reset button

power cord management bracket

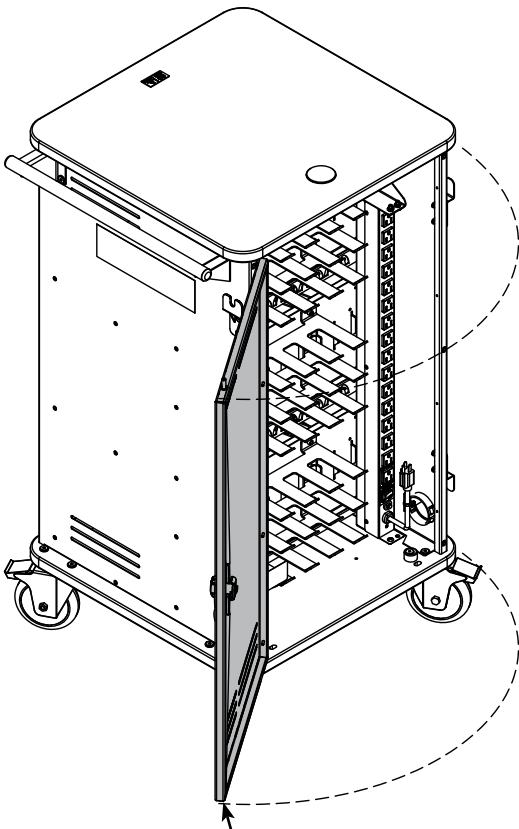
12' [366 cm] power cord (separate circuit recommended for each power strip)

Cord management with optional cycle timer wiring diagram power side view

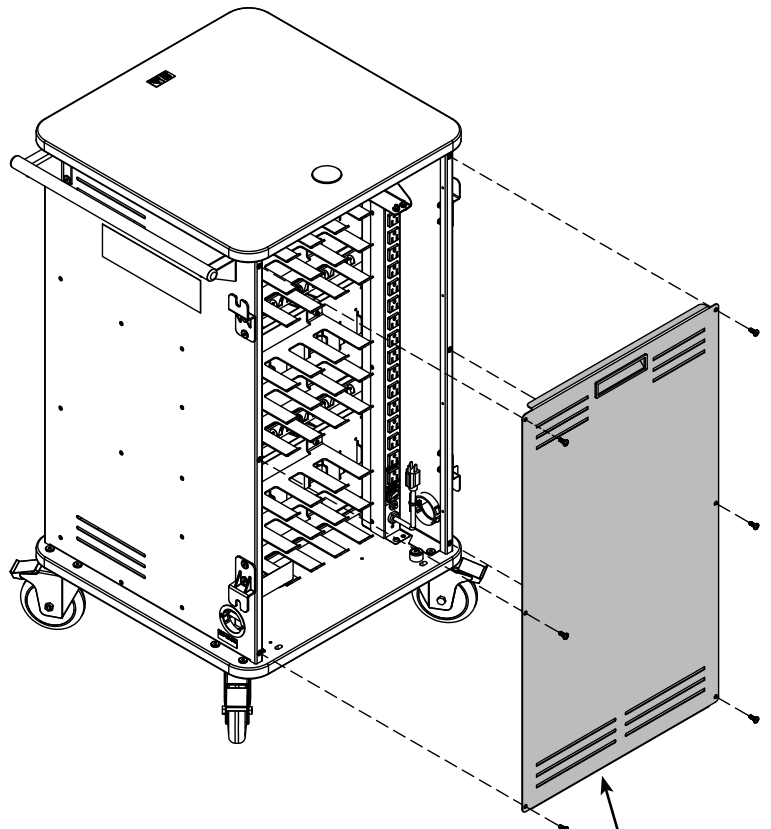
Note: The optional 55467 Cycle Timer can be added in the field to the cart but will not normally be required with Chromebooks with 40 watt or less charge blocks.



power side access

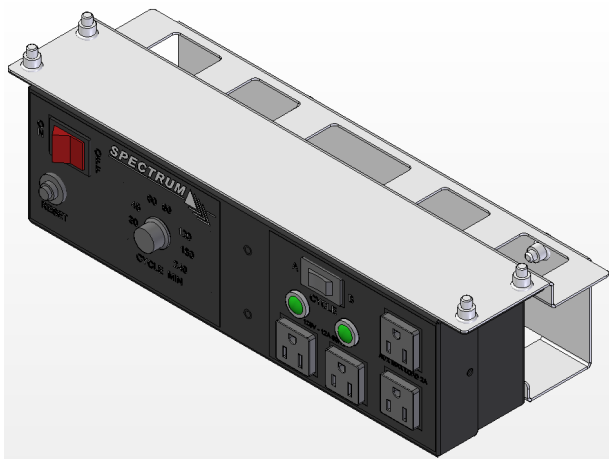


locking door on 55465
(swings open)



solid panel on 55466
(remove 6 screws to
take panel off)

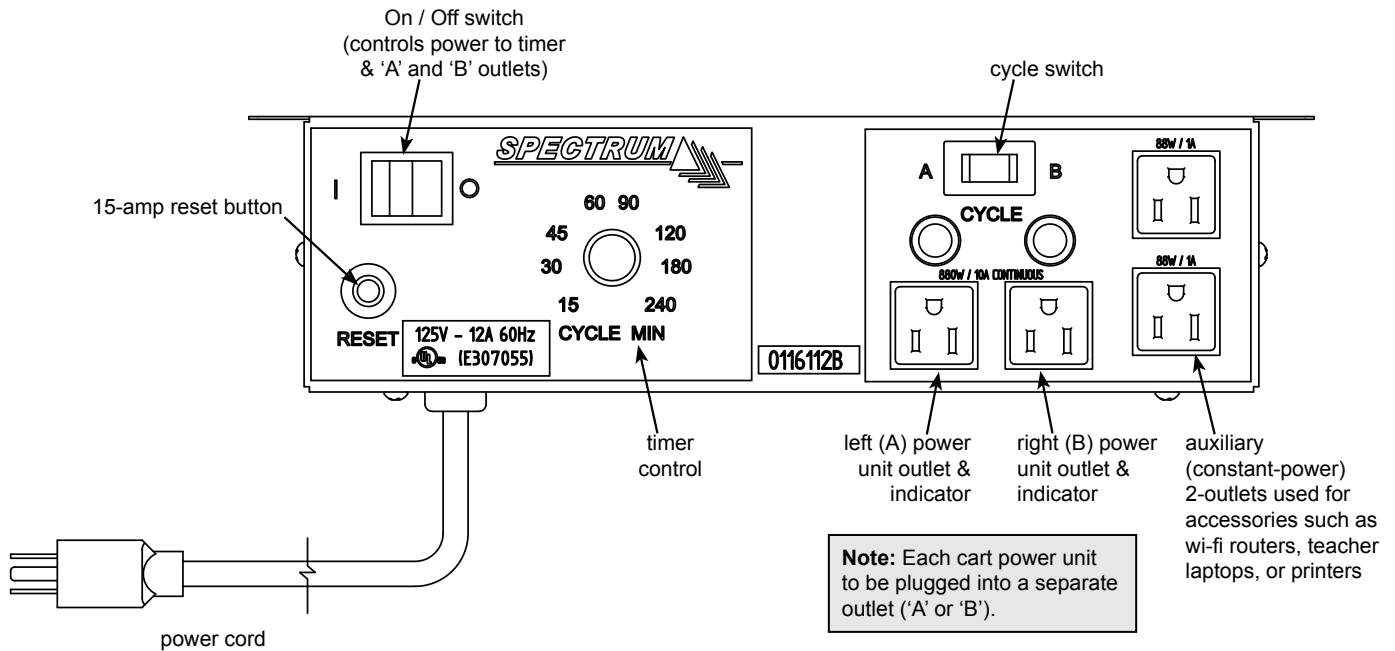
Options



**Cycle Timer with 15' [457 cm] cord
and adapter bracket**
see p.8 for wiring diagram
(timer is black, bracket is silver)
55467

Note: The optional 55467 Cycle Timer can be added in the field to the cart but will not normally be required with Chromebooks with 40 watt or less charge blocks.

Optional Cycle Timer



Using Timer

The timer prevents overload by alternating power between both power units in the cart, providing charging to multiple laptops or devices during the day. The power units plug into the outlets labeled 'A' or 'B'.

The timer control can be adjusted between 15-240 minutes. This is the number of minutes a power unit will be "hot" before the timer switches to the other power unit. 15 minutes can be used as the default setting, but the time setting will depend on the laptop size, battery capacity, frequency of use, and the time available for charging between uses. Lower minute settings should be used if the laptops are being used more frequently.

- To cycle charge both 'A' and 'B' sides, keep the cycle switch in the middle 'Cycle' position, then set the timer control to the desired cycling increment. After the side 'A' time expires, the timer will activate side 'B' for the same period of time and will continue to cycle until the ON / OFF switch is set to the OFF position.
- To manually-override the timer function, and charge the 'A' or 'B' side only, switch the cycle switch from the middle to the 'A' or 'B' position.

Specifications:

Input:	125V~/12A, 60Hz
Output voltage:	125V
Breaker:	15A
Outlets:	2 cycling, 880W, 10A each 2 auxiliary, 88W, 1A each
Power cord:	15' nominal, 14AWG, 3-wire
Timer:	15-240 minutes
Housing material:	20GA steel
Mounting type:	screw
Dimensions:	14.5"W [368.3mm] x 3.32"D [84.3mm] x 4.01"H [101.9mm]
Regulatory listing:	ETL recognized component

CAUTION

- Do not use the auxiliary outlets to charge multiple laptops or devices (use the 'A' and 'B' outlets only.) **Auxiliary outlets are for peripheral use only.**
- Switch the timer power switch OFF before unplugging or plugging-in the main power unit plugs.
- Total equipment load not to exceed 12-amps per power unit.
- Do not plug the power cord into an extension cord.
- Inspect power cord before each use.
- Do not use power cord that is damaged.
- Do not unplug by pulling on the cord.
- Do not step on, drive over, drag, or place objects on the power cord.
- For indoor use only. Do not install or store the unit where it will be exposed to moisture. Keep dry.
- For added safety, plug the timer into a grounded three-prong receptacle controlled by a GFI (Ground Fault Interrupter) circuit breaker.

Note: For PLUGGABLE EQUIPMENT, the socket-outlet shall be installed near the equipment and shall be easily accessible.

Warranty

WE WILL MAKE IT RIGHT FOR YOU!

Spectrum is committed to provide complete customer satisfaction. Each of our products is manufactured from the best materials available and each product is stringently monitored throughout the production process through our P.A.C.E. program (Product Assurance to meet Customer Expectations).

We expressly warrant that Spectrum products will be of good quality and workmanship and free from defect for the period set out in the warranty table below from the date of delivery. This warranty shall not apply to defects or damage resulting from misuse, abuse, neglect, improper care, modification or repair not authorized by Spectrum, or any other cause outside the control of Spectrum. Spectrum will, at its sole option, either repair or replace the defective product.

This warranty is exclusive; no other warranty, written or oral, is expressed or implied. This warranty is given by Spectrum to Buyer and to no other person or legal entity. No Spectrum dealer, distributor, agent or employee is authorized to make any modification or addition to this warranty.

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Our Customer Service Department is ready to provide immediate attention to any questions, comments or concerns. They are available to answer your calls Monday through Friday from 7 am to 5 pm CST. In addition your product comments or concerns are welcome via e-mail at: spectrum@spectrumfurniture.com.

Warranty Table

effective 1/1/2015

Item	Warranty Period
Adjustable Crank/Electric Desk Legs	• 1 Year
Flat Panel Desk Gas Cylinders	
Chairs <ul style="list-style-type: none"> • Adjustable Height Chair Parts – including frames, gas cylinders, wood and plastic parts, control handles, casters • Adjustable Height Chair Upholstery • In-Stock Upholstery • Graded-In Fabrics and Customer Owned Material 	<ul style="list-style-type: none"> • 7 Years • 2 Years • 2 Years • No Warranty
Height Adjustable Columns and Lifts	• 1 Year
General Use Casters	
Electrical	• 2 Years
Keyboard/Mouse Trays	• 1 Year
Flat Panel Monitor Arms <ul style="list-style-type: none"> • Flat Panel Monitor Arm – General Parts • Flat Panel Monitor Arm – Gas Cylinders 	<ul style="list-style-type: none"> • 5 Years • 2 Years
Desks and Lecterns <ul style="list-style-type: none"> • Computer Desk Chassis • Cart Chassis • Lectern Chassis 	• 10 Years

