

Concept Two-Door Enclosures

Power Utilities



Concept Enclosures are ideal for machine control applications. With streamlined styling, flush quarter-turn latches and an attractive, durable finish. Two-door landscape models provide full-width access and easy panel installation.

INDUSTRY STANDARDS

UL 508A Listed; Type 12; File No. E61997

cUL Listed per CSA C22.2 No. 94; Type 12; File No. E61997

Wall-mounting brackets required to maintain UL/CSA external mounting requirement.

NEMA/EEMAC Type 12

CSA, File No. 42186, Type 12

VDE IP 55

IEC 60529, IP55

FEATURES

Seams continuously welded and ground smooth

Corner-formed doors

Simple easy-to-remove and install hinge pins with built-in captivation clip

High-torque threadless studs and fasteners on door

Minimum-width body flange provides maximum door opening (210 degrees)

Door opens 210 degrees

External formed body flange

Panel mounting studs fit optional Concept panels and other accessories

Mounting holes in back of body for optional external wall-mount brackets

Removable door with hidden hinges for clean, aesthetic appearance

Seamless foam-in-place gasket

Quarter-turn slotted latch(es)

Door alignment device on doors wider than 30 in.

Four hinges on 60in.-high enclosures

Grounding stud on body; bonding provision on door

Provisions on door for optional high-impact thermoplastic data pocket

Hardware kit with panel mounting nuts, panel grounding hardware and sealing washers

Installation instructions provided

Overlapping door design that provides full-width access

Three-point latch system on right-hand hinged door furnished with flush slotted insert

SPECIFICATIONS

Body Thickness: 14 ga
Door Thickness: 14 ga
Material: Mild Steel
Finish: Powder Coated

Table 1/2

Catalog Number	Article Number	Height	Width	Depth	Color	Color Code
CTD244210	29439	24 in	42 in	10 in	Gray	ANSI 61
CTD244210LG	29527	24 in	42 in	10 in	Light Gray	RAL 7035
CTD24428	77720	24 in	42 in	8 in	Gray	ANSI 61
CTD24428LG	16519	24 in	42 in	8 in	Light Gray	RAL 7035
CTD24488	29442	24 in	48 in	8 in	Gray	ANSI 61
CTD24488LG	29528	24 in	48 in	8 in	Light Gray	RAL 7035
CTD304210	29443	30 in	42 in	10 in	Gray	ANSI 61
CTD304210LG	29531	30 in	42 in	10 in	Light Gray	RAL 7035
CTD304810	29444	30 in	48 in	10 in	Gray	ANSI 61
CTD304810LG	29532	30 in	48 in	10 in	Light Gray	RAL 7035
CTD30488	77730	30 in	48 in	8 in	Gray	ANSI 61
CTD30488LG	16529	30 in	48 in	8 in	Light Gray	RAL 7035

CatalogNumber	Article Number	Height	Width	Depth	Color	Color Code
CTD306012	77740	30 in	60 in	12 in	Gray	ANSI 61
CTD306012LG	16539	30 in	60 in	12 in	Light Gray	RAL 7035
CTD364212	29445	36 in	42 in	12 in	Gray	ANSI 61
CTD364212LG	29533	36 in	42 in	12 in	Light Gray	RAL 7035
CTD364216	29446	36 in	42 in	16 in	Gray	ANSI 61
CTD364216LG	29534	36 in	42 in	16 in	Light Gray	RAL 7035
CTD364812	77750	36 in	48 in	12 in	Gray	ANSI 61
CTD364812LG	16549	36 in	48 in	12 in	Light Gray	RAL 7035
CTD366012	77760	36 in	60 in	12 in	Gray	ANSI 61
CTD366012LG	16559	36 in	60 in	12 in	Light Gray	RAL 7035
CTD424212	29447	42 in	42 in	12 in	Gray	ANSI 61
CTD424212LG	29535	42 in	42 in	12 in	Light Gray	RAL 7035
CTD426012	29448	42 in	60 in	12 in	Gray	ANSI 61
CTD426012LG	29536	42 in	60 in	12 in	Light Gray	RAL 7035
CTD484812	29451	48 in	48 in	12 in	Gray	ANSI 61
CTD484812LG	29537	48 in	48 in	12 in	Light Gray	RAL 7035

Table 2/2

Catalog Number	Article Number	Mounting
CTD244210	29439	22.50 x 40.50 in

Catalog Number	Article Number	Mounting
CTD244210LG	29527	22.50 x 40.50 in
CTD24428	77720	22.50 x 40.50 in
CTD24428LG	16519	22.50 x 40.50 in
CTD24488	29442	22.50 x 46.50 in
CTD24488LG	29528	22.50 x 46.50 in
CTD304210	29443	28.50 x 40.50 in
CTD304210LG	29531	28.50 x 40.50 in
CTD304810	29444	28.50 x 46.50 in
CTD304810LG	29532	28.50 x 46.50 in
CTD30488	77730	28.50 x 46.50 in
CTD30488LG	16529	28.50 x 46.50 in
CTD306012	77740	28.50 x 58.50 in
CTD306012LG	16539	28.50 x 58.50 in
CTD364212	29445	34.50 x 40.50 in
CTD364212LG	29533	34.50 x 40.50 in
CTD364216	29446	34.50 x 40.50 in
CTD364216LG	29534	34.50 x 40.50 in
CTD364812	77750	34.50 x 46.50 in

Catalog Number	Article Number	Mounting
CTD364812LG	16549	34.50 x 46.50 in
CTD366012	77760	34.50 x 58.50 in
CTD366012LG	16559	34.50 x 58.50 in
CTD424212	29447	40.50 x 40.50 in
CTD424212LG	29535	40.50 x 40.50 in
CTD426012	29448	40.50 x 58.50 in
CTD426012LG	29536	40.50 x 58.50 in
CTD484812	29451	46.50 x 46.50 in
CTD484812LG	29537	46.50 x 46.50 in

ADDITIONAL PRODUCT DETAILS

Purchase panels separately.

Optional NEMA-size panels require conversion kit Catalog Number CCPM4.

Reference the Specification Sheet for Popular Cooling Products and Popular Accessories.

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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