

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: 1.9 mm
Door Thickness: 1.9 mm
Material: Mild Steel
Finish: Powder Coated

Table 1/2

Catalog Number	Article Number	Height	Width	Depth	Color	Color Code
CTD244210	29439	610 mm	1067 mm	254 mm	Gray	ANSI 61
CTD244210LG	29527	610 mm	1067 mm	254 mm	Light Gray	RAL 7035
CTD24428	77720	610 mm	1067 mm	203 mm	Gray	ANSI 61
CTD24428LG	16519	610 mm	1067 mm	203 mm	Light Gray	RAL 7035
CTD24488	29442	610 mm	1219 mm	203 mm	Gray	ANSI 61
CTD24488LG	29528	610 mm	1219 mm	203 mm	Light Gray	RAL 7035
CTD304210	29443	762 mm	1067 mm	254 mm	Gray	ANSI 61
CTD304210LG	29531	762 mm	1067 mm	254 mm	Light Gray	RAL 7035
CTD304810	29444	762 mm	1219 mm	254 mm	Gray	ANSI 61
CTD304810LG	29532	762 mm	1219 mm	254 mm	Light Gray	RAL 7035
CTD30488	77730	762 mm	1219 mm	203 mm	Gray	ANSI 61
CTD30488LG	16529	762 mm	1219 mm	203 mm	Light Gray	RAL 7035

CatalogNumber	Article Number	Height	Width	Depth	Color	Color Code
CTD306012	77740	762 mm	1524 mm	305 mm	Gray	ANSI 61
CTD306012LG	16539	762 mm	1524 mm	305 mm	Light Gray	RAL 7035
CTD364212	29445	914 mm	1067 mm	305 mm	Gray	ANSI 61
CTD364212LG	29533	914 mm	1067 mm	305 mm	Light Gray	RAL 7035
CTD364216	29446	914 mm	1067 mm	406 mm	Gray	ANSI 61
CTD364216LG	29534	914 mm	1067 mm	406 mm	Light Gray	RAL 7035
CTD364812	77750	914 mm	1219 mm	305 mm	Gray	ANSI 61
CTD364812LG	16549	914 mm	1219 mm	305 mm	Light Gray	RAL 7035
CTD366012	77760	914 mm	1524 mm	305 mm	Gray	ANSI 61
CTD366012LG	16559	914 mm	1524 mm	305 mm	Light Gray	RAL 7035
CTD424212	29447	1067 mm	1067 mm	305 mm	Gray	ANSI 61
CTD424212LG	29535	1067 mm	1067 mm	305 mm	Light Gray	RAL 7035
CTD426012	29448	1067 mm	1524 mm	305 mm	Gray	ANSI 61
CTD426012LG	29536	1067 mm	1524 mm	305 mm	Light Gray	RAL 7035
CTD484812	29451	1219 mm	1219 mm	305 mm	Gray	ANSI 61
CTD484812LG	29537	1219 mm	1219 mm	305 mm	Light Gray	RAL 7035

Table 2/2

Catalog Number	Article Number	Mounting
CTD244210	29439	572 x 1029 mm

Catalog Number	Article Number	Mounting
CTD244210LG	29527	572 x 1029 mm
CTD24428	77720	572 x 1029 mm
CTD24428LG	16519	572 x 1029 mm
CTD24488	29442	572 x 1181 mm
CTD24488LG	29528	572 x 1181 mm
CTD304210	29443	724 x 1029 mm
CTD304210LG	29531	724 x 1029 mm
CTD304810	29444	724 x 1181 mm
CTD304810LG	29532	724 x 1181 mm
CTD30488	77730	724 x 1181 mm
CTD30488LG	16529	724 x 1181 mm
CTD306012	77740	724 x 1486 mm
CTD306012LG	16539	724 x 1486 mm
CTD364212	29445	876 x 1029 mm
CTD364212LG	29533	876 x 1029 mm
CTD364216	29446	876 x 1029 mm
CTD364216LG	29534	876 x 1029 mm
CTD364812	77750	876 x 1181 mm

Catalog Number	Article Number	Mounting
CTD364812LG	16549	876 x 1181 mm
CTD366012	77760	876 x 1486 mm
CTD366012LG	16559	876 x 1486 mm
CTD424212	29447	1029 x 1029 mm
CTD424212LG	29535	1029 x 1029 mm
CTD426012	29448	1029 x 1486 mm
CTD426012LG	29536	1029 x 1486 mm
CTD484812	29451	1181 x 1181 mm
CTD484812LG	29537	1181 x 1181 mm

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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