

# Concept Two-Door Enclosures



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

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

**Material:** Mild Steel  
**Finish:** Powder Coated

## SPECIFICATIONS

Table 1/2

| Catalog Number | Article Number | Height | Width  | Depth | Color      | Color Code |
|----------------|----------------|--------|--------|-------|------------|------------|
| CTD244210      | 29439          | 610mm  | 1067mm | 254mm | Gray       | ANSI 61    |
| CTD244210LG    | 29527          | 610mm  | 1067mm | 254mm | Light Gray | RAL 7035   |
| CTD24428       | 77720          | 610mm  | 1067mm | 203mm | Gray       | ANSI 61    |
| CTD24428LG     | 16519          | 610mm  | 1067mm | 203mm | Light Gray | RAL 7035   |
| CTD24488       | 29442          | 610mm  | 1219mm | 203mm | Gray       | ANSI 61    |
| CTD24488LG     | 29528          | 610mm  | 1219mm | 203mm | Light Gray | RAL 7035   |
| CTD304210      | 29443          | 762mm  | 1067mm | 254mm | Gray       | ANSI 61    |
| CTD304210LG    | 29531          | 762mm  | 1067mm | 254mm | Light Gray | RAL 7035   |
| CTD304810      | 29444          | 762mm  | 1219mm | 254mm | Gray       | ANSI 61    |
| CTD304810LG    | 29532          | 762mm  | 1219mm | 254mm | Light Gray | RAL 7035   |
| CTD30488       | 77730          | 762mm  | 1219mm | 203mm | Gray       | ANSI 61    |
| CTD30488LG     | 16529          | 762mm  | 1219mm | 203mm | Light Gray | RAL 7035   |
| CTD306012      | 77740          | 762mm  | 1524mm | 305mm | Gray       | ANSI 61    |
| CTD306012LG    | 16539          | 762mm  | 1524mm | 305mm | Light Gray | RAL 7035   |
| CTD364212      | 29445          | 914mm  | 1067mm | 305mm | Gray       | ANSI 61    |
| CTD364212LG    | 29533          | 914mm  | 1067mm | 305mm | Light Gray | RAL 7035   |
| CTD364216      | 29446          | 914mm  | 1067mm | 406mm | Gray       | ANSI 61    |
| CTD364216LG    | 29534          | 914mm  | 1067mm | 406mm | Light Gray | RAL 7035   |
| CTD364812      | 77750          | 914mm  | 1219mm | 305mm | Gray       | ANSI 61    |
| CTD364812LG    | 16549          | 914mm  | 1219mm | 305mm | Light Gray | RAL 7035   |

Table 2/2

| Catalog Number | Article Number | Height | Width  | Depth | Color      | Color Code |
|----------------|----------------|--------|--------|-------|------------|------------|
| CTD366012      | 77760          | 914mm  | 1524mm | 305mm | Gray       | ANSI 61    |
| CTD366012LG    | 16559          | 914mm  | 1524mm | 305mm | Light Gray | RAL 7035   |
| CTD424212      | 29447          | 1067mm | 1067mm | 305mm | Gray       | ANSI 61    |
| CTD424212LG    | 29535          | 1067mm | 1067mm | 305mm | Light Gray | RAL 7035   |
| CTD426012      | 29448          | 1067mm | 1524mm | 305mm | Gray       | ANSI 61    |
| CTD426012LG    | 29536          | 1067mm | 1524mm | 305mm | Light Gray | RAL 7035   |
| CTD484812      | 29451          | 1219mm | 1219mm | 305mm | Gray       | ANSI 61    |

| Catalog Number | Article Number | Height | Width  | Depth | Color      | Color Code |
|----------------|----------------|--------|--------|-------|------------|------------|
| CTD484812LG    | 29537          | 1219mm | 1219mm | 305mm | Light Gray | RAL 7035   |

### 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](http://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.

