

CONCEPT, TYPE 4 AND 12



INDUSTRY STANDARDS

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

CONCEPT solid single-door, door with window and flush-mount models

UL 508A Listed; Type 4, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 4, 12; File No. E61997

NEMA/EEMAC Type 4, 12, 13
CSA, File No. 42186: Type 4, 12
VDE IP66
IEC 60529, IP66

CONCEPT two-door models

UL 508A Listed; Type 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 12; File No. E61997

NEMA/EEMAC Type 12
CSA, File No. 42186: Type 12
VDE IP 55
IEC 60529, IP55

APPLICATION

CONCEPT Enclosures are ideal for machine control applications. With streamlined styling, flush quarter-turn latches and an attractive, durable finish. Available in solid or window single-door and two-door landscape, flush-mount and sloped-top versions for application and mounting flexibility. Two-door landscape models provide full-width access and easy panel installation.

SPECIFICATIONS

- 18, 16 or 14 gauge steel
- Seams continuously welded and ground smooth
- Corner-formed doors
- Simple easy-to-remove and install hinge pins with captivation clip
- High-torque threadless studs and fasteners on door
- Minimum-width body flange provides maximum door opening
- 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 direct mounting or optional external mounting 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 60-in.-high enclosures
- Grounding stud on body; bonding provision on door (except window-door models)
- 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

Single-Door and Window-Door Models:

- 3-point latch system on enclosures with height equal to or greater than 42-in. with quarter-turn, slotted latch

Flush-Mount Models:

- Mounting frame extends completely around enclosure

Two-Door Models:

- Overlapping door design provides full-width access
- Three-point latch system on right-hand hinged door with quarter-turn, slotted latch

FINISH

Two standard finishes are available: ANSI 61 gray or RAL 7035 textured light-gray polyester powder paint inside and out.

ACCESSORIES

Door Stop Kit

Handles

Lock Inserts

CONCEPT Panels

Mounting-Bracket Kits

Also see the *Popular Cooling Products and Accessories* tables following the *Standard Product* tables

MODIFICATION AND CUSTOMIZATION

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

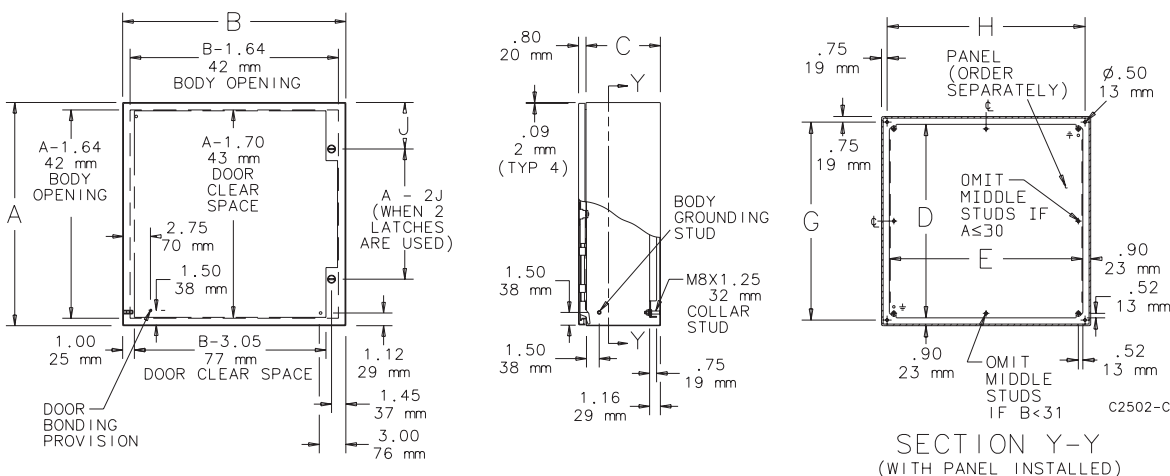
BULLETIN: CW1

Catalog Number	AxBxC in./mm	Finish	Door Ga.	Body Ga.	CONCEPT Panel	Conductive CONCEPT Panel	Panel Size D x E in./mm	Mounting G x H in./mm	Latches qty.	Latches style	J in./mm
CSD12248	12.00 x 24.00 x 8.00 305 x 610 x 203	ANSI 61 Gray	16	18	CP2412	CP2412G	22.20 x 10.20 564 x 259	10.50 x 22.50 267 x 572	1	Quarter-turn	6.00 152
CSD12248LG	12.00 x 24.00 x 8.00 305 x 610 x 203	RAL 7035 Lt. Gray	16	18	CP2412	CP2412G	22.20 x 10.20 564 x 259	10.50 x 22.50 267 x 572	1	Quarter-turn	6.00 152
CSD16128	16.00 x 12.00 x 8.00 406 x 305 x 203	ANSI 61 Gray	16	18	CP1612	CP1612G	14.20 x 10.20 361 x 259	14.50 x 10.50 368 x 267	1	Quarter-turn	8.00 203
CSD16128LG	16.00 x 12.00 x 8.00 406 x 305 x 203	RAL 7035 Lt. Gray	16	18	CP1612	CP1612G	14.20 x 10.20 361 x 259	14.50 x 10.50 368 x 267	1	Quarter-turn	8.00 203
CSD16168	16.00 x 16.00 x 8.00 406 x 406 x 203	ANSI 61 Gray	16	18	CP1616	CP1616G	14.20 x 14.20 361 x 361	14.50 x 14.50 368 x 368	1	Quarter-turn	8.00 203
CSD16168LG	16.00 x 16.00 x 8.00 406 x 406 x 203	RAL 7035 Lt. Gray	16	18	CP1616	CP1616G	14.20 x 14.20 361 x 361	14.50 x 14.50 368 x 368	1	Quarter-turn	8.00 203
CSD16208	16.00 x 20.00 x 8.00 406 x 508 x 203	ANSI 61 Gray	16	18	CP2016	CP2016G	18.20 x 14.20 462 x 361	14.50 x 18.50 368 x 470	1	Quarter-turn	8.00 203
CSD16208LG	16.00 x 20.00 x 8.00 406 x 508 x 203	RAL 7035 Lt. Gray	16	18	CP2016	CP2016G	18.20 x 14.20 462 x 361	14.50 x 18.50 368 x 470	1	Quarter-turn	8.00 203
CSD20128	20.00 x 12.00 x 8.00 508 x 305 x 203	ANSI 61 Gray	16	18	CP2012	CP2012G	18.20 x 10.20 462 x 259	18.50 x 10.50 470 x 267	1	Quarter-turn	10.00 254
CSD20128LG	20.00 x 12.00 x 8.00 508 x 305 x 203	RAL 7035 Lt. Gray	16	18	CP2012	CP2012G	18.20 x 10.20 462 x 259	18.50 x 10.50 470 x 267	1	Quarter-turn	10.00 254
CSD20168	20.00 x 16.00 x 8.00 508 x 406 x 203	ANSI 61 Gray	16	18	CP2016	CP2016G	18.20 x 14.20 462 x 361	18.50 x 14.50 470 x 368	1	Quarter-turn	10.00 254
CSD20168LG	20.00 x 16.00 x 8.00 508 x 406 x 203	RAL 7035 Lt. Gray	16	18	CP2016	CP2016G	18.20 x 14.20 462 x 361	18.50 x 14.50 470 x 368	1	Quarter-turn	10.00 254
CSD20208	20.00 x 20.00 x 8.00 508 x 508 x 203	ANSI 61 Gray	16	18	CP2020	CP2020G	18.20 x 18.20 462 x 462	18.50 x 18.50 470 x 470	1	Quarter-turn	10.00 254
CSD20208LG	20.00 x 20.00 x 8.00 508 x 508 x 203	RAL 7035 Lt. Gray	16	18	CP2020	CP2020G	18.20 x 18.20 462 x 462	18.50 x 18.50 470 x 470	1	Quarter-turn	10.00 254
CSD20248	20.00 x 24.00 x 8.00 508 x 610 x 203	ANSI 61 Gray	16	18	CP2420	CP2420G	22.20 x 18.20 564 x 462	18.50 x 22.50 470 x 572	1	Quarter-turn	10.00 254
CSD20248LG	20.00 x 24.00 x 8.00 508 x 610 x 203	RAL 7035 Lt. Gray	16	18	CP2420	CP2420G	22.20 x 18.20 564 x 462	18.50 x 22.50 470 x 572	1	Quarter-turn	10.00 254
CSD24128	24.00 x 12.00 x 8.00 610 x 305 x 203	ANSI 61 Gray	16	18	CP2412	CP2412G	22.20 x 10.20 564 x 259	22.50 x 10.50 572 x 267	1	Quarter-turn	12.00 305
CSD24128LG	24.00 x 12.00 x 8.00 610 x 305 x 203	RAL 7035 Lt. Gray	16	18	CP2412	CP2412G	22.20 x 10.20 564 x 259	22.50 x 10.50 572 x 267	1	Quarter-turn	12.00 305
CSD24168	24.00 x 16.00 x 8.00 610 x 406 x 203	ANSI 61 Gray	16	18	CP2416	CP2416G	22.20 x 14.20 564 x 361	22.50 x 14.50 572 x 368	1	Quarter-turn	12.00 305
CSD24168LG	24.00 x 16.00 x 8.00 610 x 406 x 203	RAL 7035 Lt. Gray	16	18	CP2416	CP2416G	22.20 x 14.20 564 x 361	22.50 x 14.50 572 x 368	1	Quarter-turn	12.00 305
CSD24208	24.00 x 20.00 x 8.00 610 x 508 x 203	ANSI 61 Gray	16	18	CP2420	CP2420G	22.20 x 18.20 564 x 462	22.50 x 18.50 572 x 470	1	Quarter-turn	12.00 305
CSD24208LG	24.00 x 20.00 x 8.00 610 x 508 x 203	RAL 7035 Lt. Gray	16	18	CP2420	CP2420G	22.20 x 18.20 564 x 462	22.50 x 18.50 572 x 470	1	Quarter-turn	12.00 305
CSD24248	24.00 x 24.00 x 8.00 610 x 610 x 203	ANSI 61 Gray	14	16	CP2424	CP2424G	22.20 x 22.20 564 x 564	22.50 x 22.50 572 x 572	2	Quarter-turn	5.00 127
CSD24248LG	24.00 x 24.00 x 8.00 610 x 610 x 203	RAL 7035 Lt. Gray	14	16	CP2424	CP2424G	22.20 x 22.20 564 x 564	22.50 x 22.50 572 x 572	2	Quarter-turn	5.00 127
CSD24308	24.00 x 30.00 x 8.00 610 x 762 x 203	ANSI 61 Gray	14	16	CP3024	CP3024G	28.20 x 22.20 716 x 564	22.50 x 28.50 572 x 724	2	Quarter-turn	5.00 127
CSD24308LG	24.00 x 30.00 x 8.00 610 x 762 x 203	RAL 7035 Lt. Gray	14	16	CP3024	CP3024G	28.20 x 22.20 716 x 564	22.50 x 28.50 572 x 724	2	Quarter-turn	5.00 127
CSD30128	30.00 x 12.00 x 8.00 762 x 305 x 203	ANSI 61 Gray	14	16	CP3012	CP3012G	28.20 x 10.20 716 x 259	28.50 x 10.50 724 x 267	2	Quarter-turn	5.00 127
CSD30128LG	30.00 x 12.00 x 8.00 762 x 305 x 203	RAL 7035 Lt. Gray	14	16	CP3012	CP3012G	28.20 x 10.20 716 x 259	28.50 x 10.50 724 x 267	2	Quarter-turn	5.00 127
CSD30168	30.00 x 16.00 x 8.00 762 x 406 x 203	ANSI 61 Gray	14	16	CP3016	CP3016G	28.20 x 14.20 716 x 361	28.50 x 14.50 724 x 368	2	Quarter-turn	5.00 127
CSD30168LG	30.00 x 16.00 x 8.00 762 x 406 x 203	RAL 7035 Lt. Gray	14	16	CP3016	CP3016G	28.20 x 14.20 716 x 361	28.50 x 14.50 724 x 368	2	Quarter-turn	5.00 127
CSD30208	30.00 x 20.00 x 8.00 762 x 508 x 203	ANSI 61 Gray	14	16	CP3020	CP3020G	28.20 x 18.20 716 x 462	28.50 x 18.50 724 x 470	2	Quarter-turn	5.00 127
CSD30208LG	30.00 x 20.00 x 8.00 762 x 508 x 203	RAL 7035 Lt. Gray	14	16	CP3020	CP3020G	28.20 x 18.20 716 x 462	28.50 x 18.50 724 x 470	2	Quarter-turn	5.00 127
CSD30248	30.00 x 24.00 x 8.00 762 x 610 x 203	ANSI 61 Gray	14	14	CP3024	CP3024G	28.20 x 22.20 716 x 564	28.50 x 22.50 724 x 572	2	Quarter-turn	5.00 127
CSD30248LG	30.00 x 24.00 x 8.00 762 x 610 x 203	RAL 7035 Lt. Gray	14	14	CP3024	CP3024G	28.20 x 22.20 716 x 564	28.50 x 22.50 724 x 572	2	Quarter-turn	5.00 127
CSD30308	30.00 x 30.00 x 8.00 762 x 762 x 203	ANSI 61 Gray	14	14	CP3030	CP3030G	28.20 x 28.20 716 x 716	28.50 x 28.50 724 x 724	2	Quarter-turn	5.00 127
CSD30308LG	30.00 x 30.00 x 8.00 762 x 762 x 203	RAL 7035 Lt. Gray	14	14	CP3030	CP3030G	28.20 x 28.20 716 x 716	28.50 x 28.50 724 x 724	2	Quarter-turn	5.00 127
CSD30368	30.00 x 36.00 x 8.00 762 x 914 x 203	ANSI 61 Gray	14	14	CP3630	CP3630G	34.20 x 28.20 869 x 716	28.50 x 34.50 724 x 876	2	Quarter-turn	5.00 127
CSD30368LG	30.00 x 36.00 x 8.00 762 x 914 x 203	RAL 7035 Lt. Gray	14	14	CP3630	CP3630G	34.20 x 28.20 869 x 716	28.50 x 34.50 724 x 876	2	Quarter-turn	5.00 127
CSD36248	36.00 x 24.00 x 8.00 914 x 610 x 203	ANSI 61 Gray	14	16	CP3624	CP3624G	34.20 x 22.20 869 x 564	34.50 x 22.50 876 x 572	2	Quarter-turn	5.00 127

Catalog Number	AxBxC in./mm	Finish	Door Ga.	Body Ga.	CONCEPT Panel	Conductive CONCEPT Panel	Panel Size D x E in./mm	Mounting G x H in./mm	Latches qty.	Latches style	J in./mm
CSD603616	60.00 x 36.00 x 16.00 1524 x 914 x 406	ANSI 61 Gray	14	14	CP6036	CP6036G	58.20 x 34.20 1478 x 869	58.50 x 34.50 1486 x 876	1	3-point	30.00 762
CSD603616LG	60.00 x 36.00 x 16.00 1524 x 914 x 406	RAL 7035 Lt. Gray	14	14	CP6036	CP6036G	58.20 x 34.20 1478 x 869	58.50 x 34.50 1486 x 876	1	3-point	30.00 762
CSD242420	24.00 x 24.00 x 20.00 610 x 610 x 508	ANSI 61 Gray	14	14	CP2424	CP2424G	22.20 x 22.20 564 x 564	22.50 x 22.50 572 x 572	2	Quarter-turn	5.00 127
CSD242420LG	24.00 x 24.00 x 20.00 610 x 610 x 508	RAL 7035 Lt. Gray	14	14	CP2424	CP2424G	22.20 x 22.20 564 x 564	22.50 x 22.50 572 x 572	2	Quarter-turn	5.00 127
CSD302420	30.00 x 24.00 x 20.00 762 x 610 x 508	ANSI 61 Gray	14	14	CP3024	CP3024G	28.20 x 22.20 716 x 564	28.50 x 22.50 724 x 572	2	Quarter-turn	5.00 127
CSD302420LG	30.00 x 24.00 x 20.00 762 x 610 x 508	RAL 7035 Lt. Gray	14	14	CP3024	CP3024G	28.20 x 22.20 716 x 564	28.50 x 22.50 724 x 572	2	Quarter-turn	5.00 127
CSD363020	36.00 x 30.00 x 20.00 914 x 762 x 508	ANSI 61 Gray	14	14	CP3630	CP3630G	34.20 x 28.20 869 x 716	34.50 x 28.50 876 x 724	2	Quarter-turn	5.00 127
CSD363020LG	36.00 x 30.00 x 20.00 914 x 762 x 508	RAL 7035 Lt. Gray	14	14	CP3630	CP3630G	34.20 x 28.20 869 x 716	34.50 x 28.50 876 x 724	2	Quarter-turn	5.00 127
CSD483620	48.00 x 36.00 x 20.00 1219 x 914 x 508	ANSI 61 Gray	14	14	CP4836	CP4836G	46.20 x 34.20 1174 x 869	46.50 x 34.50 1181 x 876	1	3-point	24.00 610
CSD483620LG	48.00 x 36.00 x 20.00 1219 x 914 x 508	RAL 7035 Lt. Gray	14	14	CP4836	CP4836G	46.20 x 34.20 1174 x 869	46.50 x 34.50 1181 x 876	1	3-point	24.00 610

Purchase panels separately.

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



Standard Product **Single-Door Enclosures with Windows**

Catalog Number	AxBxC in./mm	Finish	Door Ga.	Body Ga.	CONCEPT Panel	CONCEPT Conductive Panel	Panel Size D x E in./mm	Mounting G x H in./mm	Window Size M x N in./mm	Latches qty.	Latches style	J in./mm
CSD12106W	12.00 x 10.00 x 6.00 305 x 254 x 152	ANSI 61 Gray	14	18	CP1210	CP1210G	10.20 x 8.20 259 x 208	10.50 x 8.50 267 x 216	8.49 x 5.17 216 x 131	1	Quarter-turn	6.00 152
CSD12106WLG	12.00 x 10.00 x 6.00 305 x 254 x 152	RAL 7035 Lt. Gray	14	18	CP1210	CP1210G	10.20 x 8.20 259 x 208	10.50 x 8.50 267 x 216	8.49 x 5.17 216 x 131	1	Quarter-turn	6.00 152
CSD12126W	12.00 x 12.00 x 6.00 305 x 305 x 152	ANSI 61 Gray	14	18	CP1212	CP1212G	10.20 x 10.20 259 x 259	10.50 x 10.50 267 x 267	8.49 x 7.30 216 x 185	1	Quarter-turn	6.00 152
CSD12126WLG	12.00 x 12.00 x 6.00 305 x 305 x 152	RAL 7035 Lt. Gray	14	18	CP1212	CP1212G	10.20 x 10.20 259 x 259	10.50 x 10.50 267 x 267	8.49 x 7.30 222 x 180	1	Quarter-turn	6.00 152
CSD16126W	16.00 x 12.00 x 6.00 406 x 305 x 152	ANSI 61 Gray	14	18	CP1612	CP1612G	14.20 x 10.20 361 x 259	14.50 x 10.50 368 x 267	12.49 x 7.30 317 x 185	1	Quarter-turn	8.00 203
CSD16126WLG	16.00 x 12.00 x 6.00 406 x 305 x 152	RAL 7035 Lt. Gray	14	18	CP1612	CP1612G	14.20 x 10.20 361 x 259	14.50 x 10.50 368 x 267	12.49 x 7.30 317 x 185	1	Quarter-turn	8.00 203
CSD20166W	20.00 x 16.00 x 6.00 508 x 406 x 152	ANSI 61 Gray	14	18	CP2016	CP2016G	18.20 x 14.20 462 x 361	18.50 x 14.50 470 x 368	16.49 x 11.30 419 x 287	1	Quarter-turn	10.00 254
CSD20166WLG	20.00 x 16.00 x 6.00 508 x 406 x 152	RAL 7035 Lt. Gray	14	18	CP2016	CP2016G	18.20 x 14.20 462 x 361	18.50 x 14.50 470 x 368	16.49 x 11.30 419 x 287	1	Quarter-turn	10.00 254
CSD20206W	20.00 x 20.00 x 6.00 508 x 508 x 152	ANSI 61 Gray	14	18	CP2020	CP2020G	18.20 x 18.20 462 x 462	18.50 x 18.50 470 x 470	16.49 x 15.30 419 x 389	1	Quarter-turn	10.00 254
CSD20206WLG	20.00 x 20.00 x 6.00 508 x 508 x 152	RAL 7035 Lt. Gray	14	18	CP2020	CP2020G	18.20 x 18.20 462 x 462	18.50 x 18.50 470 x 470	16.49 x 15.30 419 x 389	1	Quarter-turn	10.00 254
CSD24206W	24.00 x 20.00 x 6.00 610 x 508 x 152	ANSI 61 Gray	14	18	CP2420	CP2420G	22.20 x 18.20 564 x 462	22.50 x 18.50 572 x 470	20.49 x 15.30 520 x 389	1	Quarter-turn	12.00 305
CSD24206WLG	24.00 x 20.00 x 6.00 610 x 508 x 152	RAL 7035 Lt. Gray	14	18	CP2420	CP2420G	22.20 x 18.20 564 x 462	22.50 x 18.50 572 x 470	20.49 x 15.30 520 x 389	1	Quarter-turn	12.00 305
CSD24246W	24.00 x 24.00 x 6.00 610 x 610 x 152	ANSI 61 Gray	14	16	CP2424	CP2424G	22.20 x 22.20 564 x 564	22.50 x 22.50 572 x 572	20.49 x 18.07 520 x 459	2	Quarter-turn	5.00 127
CSD24246WLG	24.00 x 24.00 x 6.00 610 x 610 x 152	RAL 7035 Lt. Gray	14	16	CP2424	CP2424G	22.20 x 22.20 564 x 564	22.50 x 22.50 572 x 572	20.49 x 18.07 520 x 459	2	Quarter-turn	5.00 127