

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.

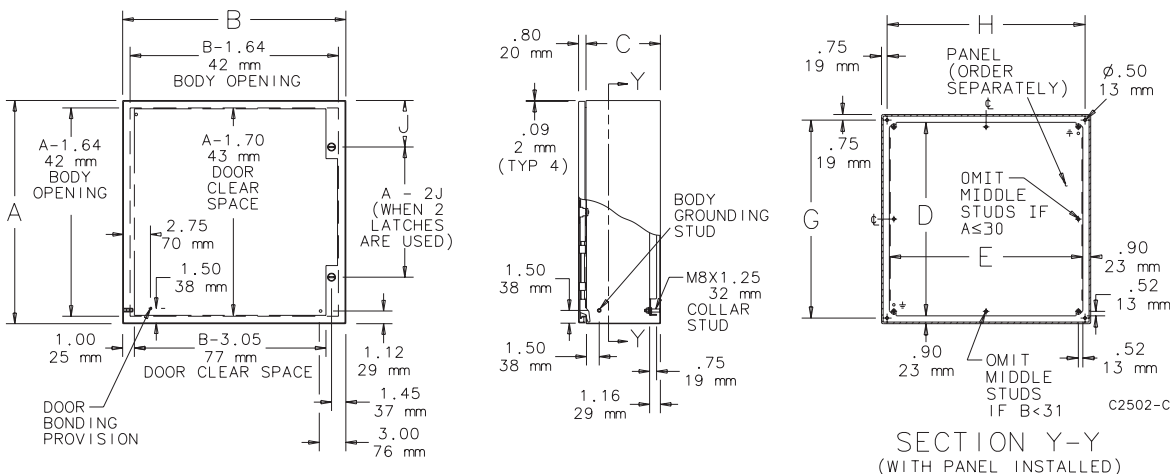
BULLETIN: CW1

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
CSD302412LG	30.00 x 24.00 x 12.00 762 x 610 x 305	RAL 7035 Lt. Gray	14	16	CP3024	CP3024G	28.20 x 22.20 716 x 564	28.50 x 22.50 724 x 572	2	Quarter-turn	5.00 127
CSD303012	30.00 x 30.00 x 12.00 762 x 762 x 305	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
CSD303012LG	30.00 x 30.00 x 12.00 762 x 762 x 305	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
CSD362412	36.00 x 24.00 x 12.00 914 x 610 x 305	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
CSD362412LG	36.00 x 24.00 x 12.00 914 x 610 x 305	RAL 7035 Lt. 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
CSD363012	36.00 x 30.00 x 12.00 914 x 762 x 305	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
CSD363012LG	36.00 x 30.00 x 12.00 914 x 762 x 305	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
CSD363612	36.00 x 36.00 x 12.00 914 x 914 x 305	ANSI 61 Gray	14	14	CP3636	CP3636G	34.20 x 34.20 869 x 869	34.50 x 34.50 876 x 876	2	Quarter-turn	5.00 127
CSD363612LG	36.00 x 36.00 x 12.00 914 x 914 x 305	RAL 7035 Lt. Gray	14	14	CP3636	CP3636G	34.20 x 34.20 869 x 869	34.50 x 34.50 876 x 876	2	Quarter-turn	5.00 127
CSD423012	42.00 x 30.00 x 12.00 1067 x 762 x 305	ANSI 61 Gray	14	14	CP4230	CP4230G	40.20 x 28.20 1021 x 716	40.50 x 28.50 1029 x 724	1	3-point	21.00 533
CSD423012LG	42.00 x 30.00 x 12.00 1067 x 762 x 305	RAL 7035 Lt. Gray	14	14	CP4230	CP4230G	40.20 x 28.20 1021 x 716	40.50 x 28.50 1029 x 724	1	3-point	21.00 533
CSD423612	42.00 x 36.00 x 12.00 1067 x 914 x 305	ANSI 61 Gray	14	14	CP4236	CP4236G	40.20 x 34.20 1021 x 869	40.50 x 34.50 1029 x 876	1	3-point	21.00 533
CSD423612LG	42.00 x 36.00 x 12.00 1067 x 914 x 305	RAL 7035 Lt. Gray	14	14	CP4236	CP4236G	40.20 x 34.20 1021 x 869	40.50 x 34.50 1029 x 876	1	3-point	21.00 533
CSD482412	48.00 x 24.00 x 12.00 1219 x 610 x 305	ANSI 61 Gray	14	14	CP4824	CP4824G	46.20 x 22.20 1173 x 564	46.50 x 22.50 1181 x 572	1	3-point	24.00 610
CSD482412LG	48.00 x 24.00 x 12.00 1219 x 610 x 305	RAL 7035 Lt. Gray	14	14	CP4824	CP4824G	46.20 x 22.20 1173 x 564	46.50 x 22.50 1181 x 572	1	3-point	24.00 610
CSD483612	48.00 x 36.00 x 12.00 1219 x 914 x 305	ANSI 61 Gray	14	14	CP4836	CP4836G	46.20 x 34.20 1173 x 869	46.50 x 34.50 1181 x 876	1	3-point	24.00 610
CSD483612LG	48.00 x 36.00 x 12.00 1219 x 914 x 305	RAL 7035 Lt. Gray	14	14	CP4836	CP4836G	46.20 x 34.20 1173 x 869	46.50 x 34.50 1181 x 876	1	3-point	24.00 610
CSD603612	60.00 x 36.00 x 12.00 1524 x 914 x 305	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
CSD603612LG	60.00 x 36.00 x 12.00 1524 x 914 x 305	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
CSD242016	24.00 x 20.00 x 16.00 610 x 508 x 406	ANSI 61 Gray	14	16	CP2420	CP2420G	22.20 x 18.20 564 x 462	22.50 x 18.50 572 x 470	1	Quarter-turn	12.00 305
CSD242016LG	24.00 x 20.00 x 16.00 610 x 508 x 406	RAL 7035 Lt. Gray	14	16	CP2420	CP2420G	22.20 x 18.20 564 x 462	22.50 x 18.50 572 x 470	1	Quarter-turn	12.00 305
CSD242416	24.00 x 24.00 x 16.00 610 x 610 x 406	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
CSD242416LG	24.00 x 24.00 x 16.00 610 x 610 x 406	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
CSD302416	30.00 x 24.00 x 16.00 762 x 610 x 406	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
CSD302416LG	30.00 x 24.00 x 16.00 762 x 610 x 406	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
CSD362416	36.00 x 24.00 x 16.00 914 x 610 x 406	ANSI 61 Gray	14	14	CP3624	CP3624G	34.20 x 22.20 869 x 564	34.50 x 22.50 876 x 572	2	Quarter-turn	5.00 127
CSD362416LG	36.00 x 24.00 x 16.00 914 x 610 x 406	RAL 7035 Lt. Gray	14	14	CP3624	CP3624G	34.20 x 22.20 869 x 564	34.50 x 22.50 876 x 572	2	Quarter-turn	5.00 127
CSD363016	36.00 x 30.00 x 16.00 914 x 762 x 406	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
CSD363016LG	36.00 x 30.00 x 16.00 914 x 762 x 406	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
CSD363616	36.00 x 36.00 x 16.00 914 x 914 x 406	ANSI 61 Gray	14	14	CP3636	CP3636G	34.20 x 34.20 869 x 869	34.50 x 34.50 876 x 876	2	Quarter-turn	5.00 127
CSD363616LG	36.00 x 36.00 x 16.00 914 x 914 x 406	RAL 7035 Lt. Gray	14	14	CP3636	CP3636G	34.20 x 34.20 869 x 869	34.50 x 34.50 876 x 876	2	Quarter-turn	5.00 127
CSD423016	42.00 x 30.00 x 16.00 1067 x 762 x 406	ANSI 61 Gray	14	14	CP4230	CP4230G	40.20 x 28.20 1021 x 716	40.50 x 28.50 1029 x 724	1	3-point	21.00 533
CSD423016LG	42.00 x 30.00 x 16.00 1067 x 762 x 406	RAL 7035 Lt. Gray	14	14	CP4230	CP4230G	40.20 x 28.20 1021 x 716	40.50 x 28.50 1029 x 724	1	3-point	21.00 533
CSD423616	42.00 x 36.00 x 16.00 1067 x 914 x 406	ANSI 61 Gray	14	14	CP4236	CP4236G	40.20 x 34.20 1021 x 869	40.50 x 34.50 1029 x 876	1	3-point	21.00 533
CSD423616LG	42.00 x 36.00 x 16.00 1067 x 914 x 406	RAL 7035 Lt. Gray	14	14	CP4236	CP4236G	40.20 x 34.20 1021 x 869	40.50 x 34.50 1029 x 876	1	3-point	21.00 533
CSD483016	48.00 x 30.00 x 16.00 1219 x 762 x 406	ANSI 61 Gray	14	14	CP3048	CP3048G	28.20 x 46.20 716 x 1174	28.50 x 46.50 1181 x 1174	1	3-point	24.00 610
CSD483016LG	48.00 x 30.00 x 16.00 1219 x 762 x 406	RAL 7035 Lt. Gray	14	14	CP3048	CP3048G	28.20 x 46.20 716 x 1174	28.50 x 46.50 1181 x 1174	1	3-point	24.00 610
CSD483616	48.00 x 36.00 x 16.00 1219 x 914 x 406	ANSI 61 Gray	14	14	CP4836	CP4836G	46.20 x 34.20 1173 x 869	46.50 x 34.50 1181 x 876	1	3-point	24.00 610
CSD483616LG	48.00 x 36.00 x 16.00 1219 x 914 x 406	RAL 7035 Lt. Gray	14	14	CP4836	CP4836G	46.20 x 34.20 1173 x 869	46.50 x 34.50 1181 x 876	1	3-point	24.00 610

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	Conductive CONCEPT 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