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## HD 4000.685 Large enclosure

State: 2026-05-22 (Source: [rittal.com/ca-en](https://www.rittal.com/ca-en))

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FRIEDHELM LOH GROUP



# HD 4000.685 - Large enclosure HD

The HD large enclosure is a bayable enclosure solution for hygienically sensitive areas that are subjected to regular cleaning.



## Features

|                                      |  |
|--------------------------------------|--|
| Model No.                            | HD 4000.685  |
| Material                             | Housing and door: Stainless steel 1.4301 (AISI 304)<br>HD lock inserts: Stainless steel 1.4404 (AISI 316L)<br>Seal: Silicone, compliant with FDA Guideline 21 CFR 177.2600<br>Mounting plate: Carbon steel |
| Surface finish                       | Housing and door: Brushed, grain 400, peak-to-valley height < 0.8 µm<br>Mounting panel: Zinc-plated<br>Seal: Blue, dyed (RAL 5010)   |
| Supply includes                      | Enclosure frame with welded-on rear panel base plate<br>Door with fitted seal<br>Right-hand door catch on single-door enclosures may be swapped to the left<br>Mounting panel                              |
| Options                              | HD supporting structure with leveling  |
| Dimensions                           | Width: 600 mm<br>Height: 1,800 mm<br>Depth: 500 mm   |
| Dimensions of mounting plate (W x H) | 499 mm x 1,696 mm  |
| Door opening angle                   | 125°   |
| IK code                              | IK08   |

# Features

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|                                     |   |
|-------------------------------------|---|
| Base material                       | Stainless steel 1.4301 (AISI 304)       |
| Protection category IP to IEC 60529 | IP 66<br>IP X9                          |
| Protection category NEMA            | NEMA 4X                                 |
| Type rating according to UL 50E     | Type 1<br>Type 3R<br>Type 4X<br>Type 12 |
| Packaging unit                      | 1 pc(s).                                |
| Net weight                          | 74 kg                                   |
| Gross weight                        | 76.75 kg                                |
| Customs tariff number               | 94032080                                |
| ETIM 9                              | EC000261                                |
| ETIM 8                              | EC000261                                |
| ECLASS 8.0                          | 27180101                                |

# Approvals

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|           |                    |
|-----------|--------------------|
| Approvals | UL + C-UL (listed) |
|-----------|--------------------|