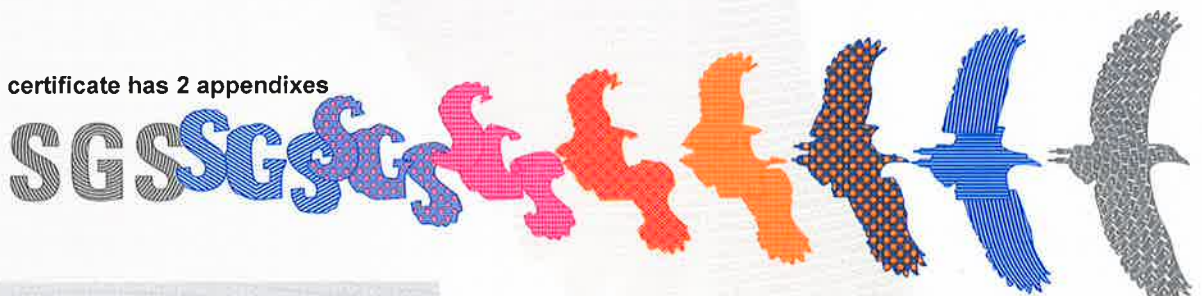


# CERTIFICATE FI 30478

Our Ref. 293503-1

<b>Product</b>	Range of enclosures
<b>Type</b>	CUBO F
<b>Trade mark</b>	CASEMET
<b>Certificate Holder/ Manufacturer</b>	Casemet Oy Insinöörinkatu 1 FI-50150 MIKKELI, FINLAND
<b>Technical information</b>	Degree of protection (EN 60529) IP65 and IP66 Mechanical strength (EN 62262) IK09, window IK07 (-5/+80°C type FFUW) Material: steel (FFUP, FFUF, FFUW and FFPB), stainless steel (FSUP and FSPB) and acid-proof steel (FAUP and FAPB)
<b>Other information</b>	Empty enclosure Models included in series: See the Appendix to this Certificate
<b>The product is certified according to the following standard(s)</b>	EN 62208:2011
<b>Validity</b>	This certificate is valid until 20 June 2023 provided that the Conditions for FI certification are met. This certificate includes the right to use the FI mark under the condition that product changes (if any) will be approved at SGS Fimko before the product is brought onto market.
<b>Directive information</b>	The certified product(s) fulfils requirements of above mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.
<b>Date of issue</b>	20 June 2018
<b>Signature</b>	<b>SGS Fimko Ltd</b>  Sixten Lökfors Project Manager

This certificate has 2 appendixes



This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

**Manufacturing site**

Casemet Oy  
 Insinöörinkatu 1  
 FI-50150 MIKKELI  
 FINLAND

**Additional information**

This certificate replaces Certificate FI 29554 A1 dated 27 October 2016.



Based on tests 293503-1, 284705-1, 276349-2, 270711-1.

Serie includes enclosures of dimension 100x100x80 mm up to 800x400x120 mm with different amount of cover screws as following:

Two cover screws for size 100x100x90 mm (IP65):

- FFUP101009 (steel)
- FSUP101009 (stainless steel)
- FAUP101009 (acid-proof steel)
- FFPB101009 (steel, with opening for push-button)
- FSPB101009 (stainless steel, with opening for push-button)
- FAPB101009 (acid-proof steel, with opening for push-button)

Four cover screws for sizes 150x100x80 mm up to 500x400x120 mm (IP66):

- FFUP (steel)
- FSUP (stainless steel)
- FAUP (acid-proof steel)
- FFUF (steel, provided with lead-through flanges)
- FFUW (steel, provided with ikkunalla)
- FFPB (steel, provided with with openings for push-buttons)
- FSPB (stainless steel, provided with with openings for push-buttons)
- FAPB (acid-proof steel, provided with with openings for push-buttons)

**Standard products:**

steel	stainless steel	size (mm)	
FFUP151508, -10, -12	FSUP151508, -10, -12	150 x 150 x 80/100/120	IP66
FFUP202008, -10, -12	FSUP202008, -10, -12	200 x 200 x 80/100/120	IP66
FFUP301508, -10, -12	FSUP301508, -10, -12	300 x 150 x 80/100/120	IP66
FFUP302008, -10, -12	FSUP302008, -10, -12	300 x 200 x 80/100/120	IP66
FFUP303008, -10, -12	FSUP303008, -10, -12	300 x 300 x 80/100/120	IP66
FFUP402008, -10, -12	FSUP402008, -10, -12	400 x 200 x 80/100/120	IP66
FFUP403008, -10, -12	FSUP403008, -10, -12	400 x 300 x 80/100/120	IP66
FFUP404008, -10, -12	FSUP404008, -10, -12	400 x 400 x 80/100/120	IP66
FFUP502008, -10, -12	FSUP502008, -10, -12	500 x 200 x 80/100/120	IP66
FFUP503008, -10, -12	FSUP503008, -10, -12	500 x 300 x 80/100/120	IP66

acid-proof steel		size (mm)	
FAUP151508, -10, -12		150 x 150 x 80/100/120	IP66
FAUP202008, -10, -12		200 x 200 x 80/100/120	IP66
FAUP301508, -10, -12		300 x 150 x 80/100/120	IP66
FAUP302008, -10, -12		300 x 200 x 80/100/120	IP66
FAUP303008, -10, -12		300 x 300 x 80/100/120	IP66
FAUP402008, -10, -12		400 x 200 x 80/100/120	IP66
FAUP403008, -10, -12		400 x 300 x 80/100/120	IP66
FAUP404008, -10, -12		400 x 400 x 80/100/120	IP66
FAUP502008, -10, -12		500 x 200 x 80/100/120	IP66
FAUP503008, -10, -12		500 x 300 x 80/100/120	IP66

Appendix 2 to Certificate: 30478

steel, provided with flange	steel, provided with window	size (mm)	
FFUF301512	-	300 x 150 x 120	IP66
-	FFUW202012	200 x 200 x 120	IP66
FFUF302012	FFUW302012	300 x 200 x 120	IP66
FFUF303012	-	300 x 300 x 120	IP66
FFUF402012	FFUW402012	400 x 200 x 120	IP66
FFUF403012	-	400 x 300 x 120	IP66
FFUF404012	-	400 x 400 x 120	IP66
FFUF502012	FFUW502012	500 x 200 x 120	IP66
FFUF503012	-	500 x 300 x 120	IP66

Model in series with pre-fabricated opening:

steel	stainless steel	acid-proof steel	size (mm)	
FFPB161009	FSPB161009	FABP161009	160x100x90	IP66
FFPB221009	FSPB221009	FABP221009	220x100x90	IP66
FFPB281009	FSPB281009	FABP281009	280x100x90	IP66

Six cover screws for sizes above 500x400x80 mm up to 800x400x120 mm (IP66):

- FFUP (steel)
- FSUP (stainless steel)
- FAUP (acid-proof steel)
- FFUF (steel, provided with lead-through flanges)
- FFUW (steel, provided with window)

Standard products:

steel	stainless steel	size (mm)	
FFUP602008, -10, -12	FSUP602008, -10, -12	600 x 200 x 80/100/120	IP66
FFUP603008, -10, -12	FSUP603008, -10, -12	600 x 300 x 80/100/120	IP66
FFUP604008, -10, -12	FSUP604008, -10, -12	600 x 400 x 80/100/120	IP66
FFUP802008, -10, -12	FSUP802008, -10, -12	800 x 200 x 80/100/120	IP66
FFUP804008, -10, -12	FSUP804008, -10, -12	800 x 400 x 80/100/120	IP66

acid-proof steel

	size (mm)	
FAUP602008, -10, -12	600 x 200 x 80/100/120	IP66
FAUP603008, -10, -12	600 x 300 x 80/100/120	IP66
FAUP604008, -10, -12	600 x 400 x 80/100/120	IP66
FAUP802008, -10, -12	800 x 200 x 80/100/120	IP66
FAUP804008, -10, -12	800 x 400 x 80/100/120	IP66

steel, provided with flange	steel, provided with window	size (mm)	
FFUF602012	FFUW602012	600 x 200 x 120	IP66
FFUF603012	-	600 x 300 x 120	IP66
FFUF604012	-	600 x 400 x 120	IP66
FFUF802012	FFUW802012	800 x 200 x 120	IP66
FFUF804012	-	800 x 400 x 120	IP66

Enclosures tested without lead-throughs (openings). Enclosures can be supplied with pre-fabricated openings. Degree of protection of components installed in pre-fabricated openings determines the final IP-classification.

A suffix eg. A can be presented in the Product code for colour  
Accessories: Attachment FFL1, EFL 2.20 and EFL 2.50