



CERTIFICATE

P24228000/A1



Applicant	OSO TECHNOLOGY AS Industriveien 1, Loesmoen 3300 Hokksund Norway
Manufacturer	OSO Hotwater AS Industriveien 1, Loesmoen 3300 HOKKSUND Norway
Factory	OSO Hotwater AS Industriveien 1, Loesmoen 3300 HOKKSUND Norway
Project Number	PRJ0049847
Product	Close Water Heater
Model/Type Ref.	S2.. - . kW
Ratings	2kW, 2.8kW, 3kW, 4.5kW, 5kW, 2.8+(2.8)kW, 2.8+2.8kW, 3+3kW 4.5+(4.5) kW, 5+5kW 230V, 240V or 400V, 1 ~, 3 ~ or 3N ~
Brandname / Trademark	OSO
Principal Characteristics	Cl. I. IP21. 1MPa
Replaces	This certificate replaced previous certificate No. P24228000, due to the correction of mistprint
A sample of the product was tested and found to be in conformity with	Safety EN 60335-1:2012;A11;A13;A1;A14;A2;A15;A16 EN 60335-2-21:2021;A1
	EMF EN 62233:2008
	Validity <i>This certificate documents conformity with the standards shown, and also applies as license for use of Nemko's name and certification mark. The certificate and license is valid as long as the applicable conditions are complied with, and provided that any changes to the product are notified to Nemko for acceptance prior to implementation.</i> <i>New standards or amendments to the standards may imply that the product design must be updated and/or that re-testing and re-certification is necessary.</i>
Additional Information	See next pages
Additional model(s)	See next pages

Signature

Okhyun Jeon

Certification department

Date of Issue

2024-12-16

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CERTIFICATE

P24228000/A1



Product Close Water Heater
Variant 1
Model/Type Ref. Altech A* - **/1x230V
Ratings. 2kW or 2.8kW 230V, 1 ~
Brandname / Trademark Altech
(if different from page 1)
Principal Characteristics Cl. I. IP21. 1MPa
* can be 120, 180, 200 or 300
** can be 2kW or 2,8kW

Additional Information

The first dot can be blank, B, C, E, G, I, R, S or X, or a combination of the six letters, and denotes type of heater.

B = basic – basic version

C = coil – integrated pipe coil for alternative heating source

E = expansion – supplied with expansion vessel

G = geo – large integrated tube coil for alternative heating source

I = industrial – outer casing designed for industrial environments

R = reference – high end product

S = supercharged – integrated intelligent control

X = xpress – 2 elements

The second dot can be 120, 150, 180, 200, 210, 250 or 300 and denotes volume in litres.

The third dot can be 2, 2.8, 3, 4.5, 5, 2.8(+2.8), 2.8+2.8, 3+3, 4.5(+4.5) or 5+5 and denotes rated power.

Product have been tested acc. to the following standards:

EN IEC 55014-1:2021

EN IEC 55014-2:2021

EN IEC 61000-3-2:2019;A1

EN 61000-3-3:2013;A1;A2

Signature

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