

# GULF TYPE EXAMINATION CERTIFICATE

for Low Voltage Electrical Equipment and Appliances in list (2)  
of Gulf Technical Regulation BD-142004-01

Certificate No. GC-10783-UL

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Date of Issue: 2022-10-05 | Date of Expiry: 2025-12-12 | Date of Revision: --

**Manufacturer  
(Name and Address)** A O SMITH CORP  
1100 E FAIRVIEW AVE JOHNSON CITY, TN  
United States 37601

**Product** Storage water heaters

**Model No.** E EJC, EJCS, EJCT, ECL, ECJ, ECRT, ECS, ECT, ECJN, ECLN.  
All models maybe followed by alpha-numeric characters XXX (ex. 290).  
 Additional models on page 2

**Brand** A.O. Smith

**Manufacturing Location(s)** PRODUCTOS DE AGUA S A DE C V  
 Additional locations on page 2 CALLE COSTA DE MARFIL CD JUAREZ, CHIH  
Mexico 6915

**This Product Complies  
with the Standard(s)** IEC 60335-2-21:2012+AMD1:2018  
IEC 60335-1:2010+AMD1:2013+AMD2:2016  
CISPR 14-1:2020  
IEC 61000-3-3:2013+AMD1:2017+AMD2:2021  
IEC 61000-3-2:2018+AMD1:2020

**NB Report / File no. reference** 4790553418

**Member States conditions and  
differences complied:** Kingdom of Bahrain; Kingdom of Saudi Arabia; Republic of Yemen; State of  
Kuwait; State of Qatar; Sultanate of Oman; United Arab Emirates

**GSO Conformity Tracking  
Symbol of the Certificate:**



**Certification Manager**  
Jan-Erik Storgaard

This is to certify that the product(s) described herein has been investigated and found in compliance with the Standard(s) indicated on this Certificate and is presumed to be in conformity with the essential requirements of Annex (1) of Gulf Technical Regulation for Low Voltage Electrical Equipment and Appliances BD-142004-01, following the conformity assessment procedure of Annex (4). This certificate applies only to the product(s) submitted by the Manufacturer. UL has not performed any surveillance.

The Manufacturer is solely and fully responsible for the conformity of the production units with the type examined and approved. The Manufacturer shall inform UL of any modifications made to the examined product and/or its technical documentation.

**Notified Body 0021** UL International Demko A/S, Borupvang 5A,  
DK-2750 Ballerup, Denmark  
Tel. +45 44 85 65 65 | [info.dk@ul.com](mailto:info.dk@ul.com) | [www.ul.com](http://www.ul.com)



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**Product Description:** Residential Electric Storage Water Heaters

## Model(s), Product Specifications and Technical Data:

Model	Ratings	Overall Dimensions W x H x D (cm)
ECL-30X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	56 x 78.8 x 56
ECL-50X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	67.3 x 86.4 x 67.3
ECLN-40X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	61 x 80.7 x 61
ECRT-30X XXX	220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	48.3 x 119.4 x 48.3
ECS-30X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	52 x 92.7 x 52
ECS-40X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	50.8 x 120.7 x 50.8
ECS-40XLD XXX	400-415 V; 50/60 Hz; 6.0kw, 9.0kw	50.8 x 120.7 x 50.8
ECS-50X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	54.6 x 122 x 54.6
ECS-50XLD XXX	400-415 V; 50/60 Hz; 6.0kw, 9.0kw	54.6 x 122 x 54.6
ECT-120X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	71.1 x 163.2 x 71.1
ECT-120XLD XXX	400-415 V; 50/60 Hz; 6.0kw, 9.0kw	71.1 x 163.2 x 71.1
ECT-30X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw	45.7 x 118.1 x 45.7
ECT-40X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw	45.7 x 151.1 x 45.7
ECT-52X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	50.8 x 148 x 50.8
ECT-55X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	56 x 143.5 x 56
ECT-66XLD XXX	400-415 V; 50/60 Hz; 6.0kw, 9.0kw	52.1 x 153 x 52.1
ECT-80X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	57.2 x 153.7 x 57.2



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ECT-80XLD XXX	400-415 V; 50/60 Hz; 6.0kw, 9.0kw	57.2 x 153.7 x 57.2
EJC-10 XXX	220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.5kw	40.6 x 46.4 x 40.6
EJC-6 XXX	220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.5kw	36.2 x 39.1 x 36.2
EJCS-20 XXX	220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	45.7 x 63.5 x 45.7
EJCS-20-030 XXX	220-240 V; 50/60 Hz; 3kw	45.7 x 63.5 x 45.7
EJCT-20 XXX	220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.5kw	40.6 x 80.3 x 40.6
ECT-66X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	52.1 x 153 x 52.1
ECJ-30X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	56 x 76.2 x 56
ECJN-40X XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	61 x 80.7 x 61

## Technical documentation and test reports examined:

Safety Test Report no. 4789127947 issued on 2019-10-24

Safety Test Report no. 4790195203 issued on 2022-02-01

Safety Test Report no. 4789435635 issued on 2020-07-09

EMC Test Report no. 14252389A issued on 2022-04-06

EMC Test Report no. 14252389B issued on 2022-04-06

## Additional information:

Renewal of GC-10391-M2-UL.

Additionally evaluated to: SASO IEC 60335-2-21:2021, GSO 1858:2008, SASO GSO 1858/2012, SASO GSO 1859/2012, GSO 1859:2008



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Product Image(s):

External Views of the product(s)

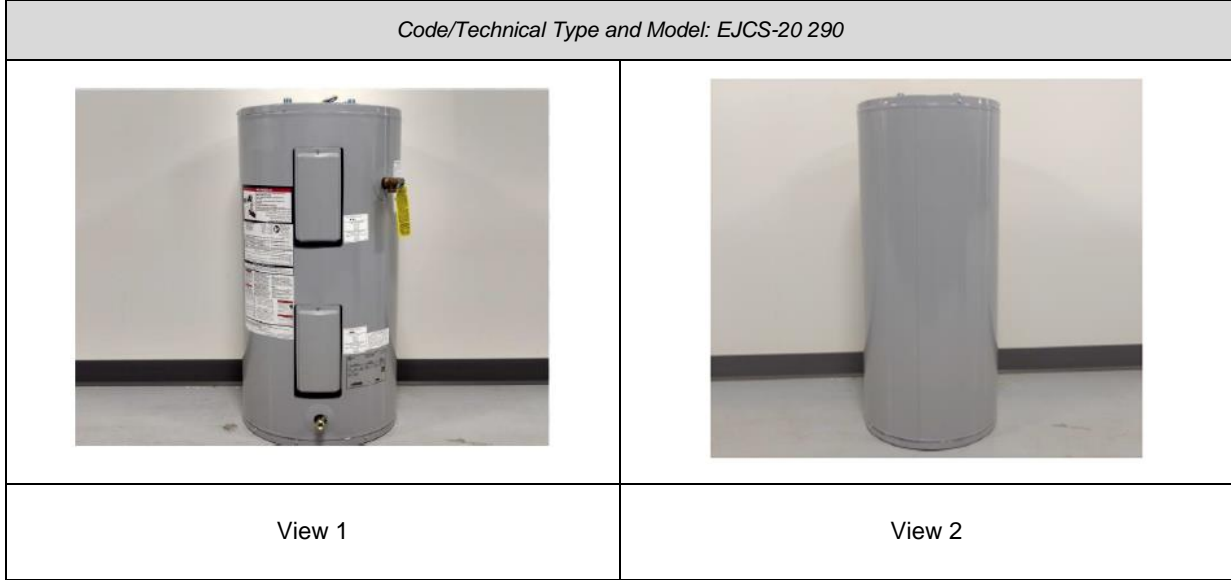
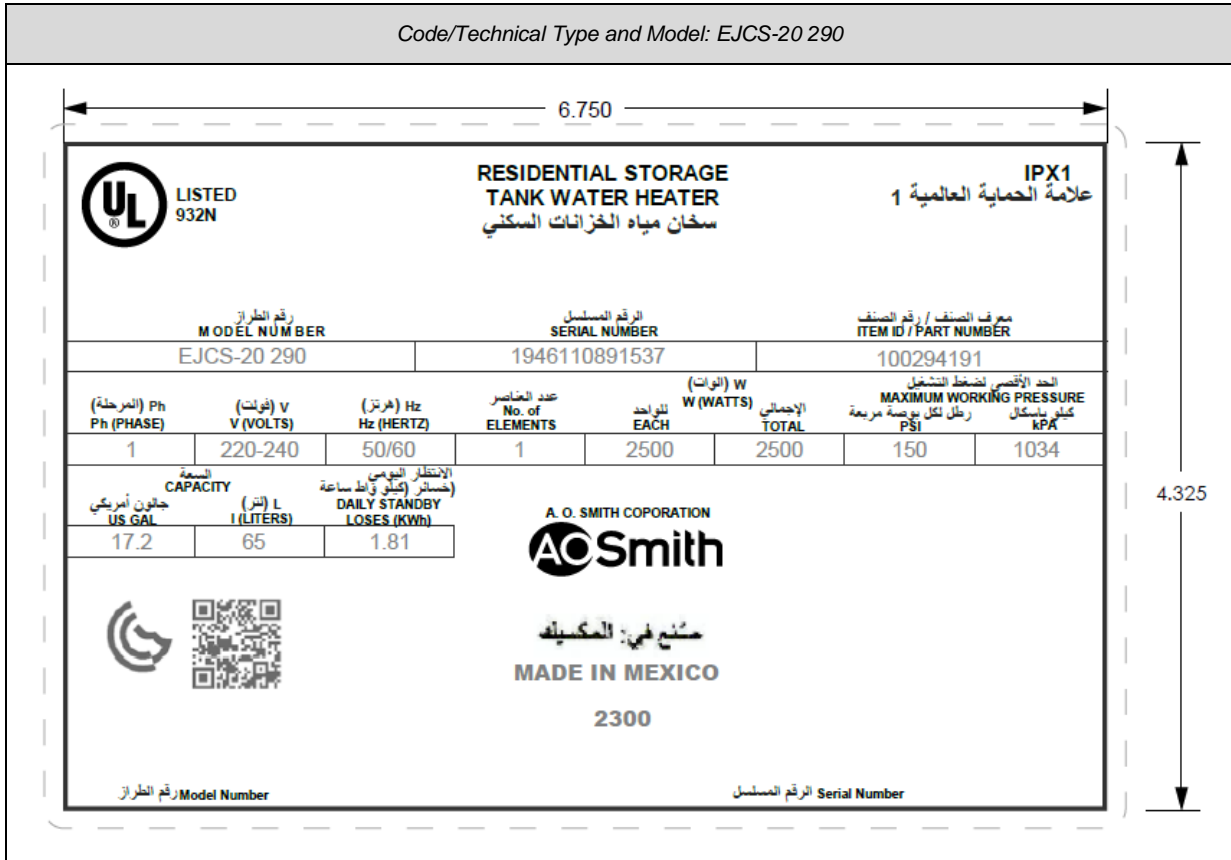


Image of product markings/rating plate(s) showing trademark/brand



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APPENDIX to Certificate No. GC-10783-UL

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## Gulf Conformity Tracking Symbol (GCTS) for Products:



The GCTS in different sizes and shapes is supplied by UL together with this certificate.

Certified products shall be marked under the sole responsibility of the manufacturer. The above GCTS is related to the models covered by this Gulf Type Examination Certificate only and shall be used according to "GSO Rules for the Use of the GSO Conformity Tracking Symbol (GCTS)".

The symbol includes two elements (Gulf Conformity Marking - G-Mark logo and QR code) and is considered as a single entity.

It shall comply with the minimum dimension requirements and maintain the proportion; it shall be easily visible, permanent and readable by QR codes scanners. The same complete GCTS shall be placed also on the packaging.

