



EMC TEST CERTIFICATE

Certificate Number:

C0344-04-A

For EUT:

E2D-V-9 (EVOLUTION 2)

Manufactured by:

ELECRO ENGINEERING LTD.

Referencing Standards:

EN 55014-1: 2017 + A11: 2020

EN 55014-2: 2015

**tested and
approved**

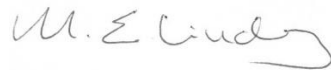


SUMMARY

A sample of the referenced product(s) was tested/assessed and found to be in compliance with the standards below. Full results are retained on file at Product Approvals Ltd.

Signed on behalf of Product Approvals Ltd.:

MARK LINDSAY
(DIRECTOR)



MANUFACTURER DETAILS

NAME: Elecro Engineering Ltd.

ADDRESS: Unit 11,
Gunnels Wood Park,
Gunnels Wood Road,
Stevenage
SG1 2BH

APPLIED PRODUCT STANDARDS

EMISSIONS

EN 55014-1: 2017 + A11: 2020

Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

IMMUNITY

Not applicable, according to requirements of EN 55014-2: 2015 'Category I' equipment.

SUMMARY OF EMISSIONS RESULTS

ENCLOSURE PORT:

TEST	BASIC STANDARD	RESULT
Radiated Emissions	EN 55016-2-3: 2010 + AC: 2013	✓

POWER PORT(S):

TEST	BASIC STANDARD	RESULT
Conducted Emissions	EN 55016-2-1: 2014	✓

SUMMARY OF IMMUNITY RESULTS

Not applicable, according to requirements of EN 55014-2: 2015 'Category I' equipment.

TEST SAMPLE DETAILS

EUT DESCRIPTION	MANUFACTURER	MODEL/ PART NUMBER	SERIAL NUMBER
Pool Heater	Electro Engineering	E2D-V-9	128671

MODIFICATIONS

No modifications were made during the course of testing.

**APPENDIX A:
E2D-V-9 (EVOLUTION 2) PRODUCT FAMILY**

PRODUCT CODE	DESCRIPTION	HS CODE	CERTIFICATES FAMILY NAME
E2D-1-1	1-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 220-240V, 4.5-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-1-2	2-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 220-240V, 8.5-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-1-3	3-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 220-240V, 13-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-1-4	4.5-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 220-240V, 20-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-1-6	6-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 220-240V, 26-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-1-9	9-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 220-240V, 40-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-1-12	12-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 220-240V, 53-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-1-15	15-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 220-240V, 66-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-1-18	18-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 220-240V, 79-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-V-6	6-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 230V/400V, 26/8.5-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-V-9	9-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 230V/400V, 40/13-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-V-12	12-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 230V/400V, 53/18-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-15	15-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 400V, 22-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-18	18-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 400V, 26-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-24	24-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 400V, 34-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-V-6-380	6-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 220V/380V, 28/10-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)

E2D-V-9-380	9-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 220V/380V, 41/14-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-V-12-380	12-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 220V/380V, 55/19-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-15-380	15-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 380V, 23-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-18-380	18-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 380V, 28-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-24-380	24-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 380V, 37-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-V-6-415	6-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 240V/415V, 25/8-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-V-9-415	9-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 240V/415V, 38/13-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-V-12-415	12-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 240V/415V, 50/17-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-15-415	15-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 415V, 22-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-18-415	18-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 415V, 26-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-24-415	24-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 415V, 34-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-6-D	6-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 220-240V, 15-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-9-D	9-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 220-240V, 23-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-12-D	12-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 220-240V, 30-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-15-D	15-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 220-240V, 38-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-18-D	18-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 220-240V, 46-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)

E2D-V-6-480	6-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 240V/480V, 25/7-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-V-9-480	9-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 240V/480V, 37.5/11-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-V-12-480	12-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1/3-Phase, 240V/480V, 50/14-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-15-480	15-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 480V, 18-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-18-480	18-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 480V, 22-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-24-480	24-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 480V, 29-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-6-D-208	6-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 208V, 17-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-9-D-208	9-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 208V, 25-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-12-D-208	12-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 208V, 33-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-15-D-208	15-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 208V, 42-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-3-18-D-208	18-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 3-Phase, 208V, 50-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-1-1-120	1-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 120V, 8.5-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-1-1.5-120	1.5-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 120V, 12.5-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)
E2D-1-2-120	2-kW EVOLUTION 2 ALL TITANIUM DIGITAL POOL HEATER 1-Phase, 120V, 17-Amp, 50/60Hz 4 BAR MWP	85161080	EVOLUTION 2 (DIGITAL/ANALOGUE)