



Strojirenský zkušební ústav, s.p., Brno, Česká republika
Engineering Test Institute, Public Enterprise, Brno, Czech Republic

TEST CERTIFICATE

Number: **O-B-01155-21**

Manufacturer: EMAS MAKINA SANAYI A.S.
Organize Sanayi Bolgesi 3. Kisim Mustafa Kemal Bulv. No: 13
45030 Manisa
TURKEY

Product: Hot-water electroboiler

Type designation / Trade mark: **ARCEUS 6 kW CH**
ARCEUS 15 kW MT
ARCEUS 27 kW MT

Test methods: ČSN EN 15036-1:2007, ČSN ISO 9614-2:1997

Basis of certificate: Test reports: 31-10605/1/H, 31-10605/2/H, 31-10605/3/H of 2021-05-03,
Technical documents of EMAS MAKINA SANAYI A.S.

Temperature application: 80 / 60 °C

Reference heating season: „A“ = average / „W“ = warmer / „C“ = colder
Reference design conditions for heating $T_{design} = -10\text{ °C} / +2\text{ °C} / -22\text{ °C}$

Specification of conditions:

Operating mode	Central heating	Acoustic paneling	NO
Control settings of heating element	100 %	Rated liquid flow rate (indoor heat exchanger)	“MAX”



O-B-01155-21, page 1 (2)

Strojirenský zkušební ústav, s.p., Hudecova 424/56b, 621 00 Brno, Česká republika
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Results:

Model names:		ARCEUS 6 kW CH <i>(Tested)</i>	ARCEUS 15 kW CH <i>(Tested)</i>	ARCEUS 27 kW CH <i>(Tested)</i>
Overall A-weighted sound power level	L_{wa} [dB(A)]	42.3 ± 1.5	38.5 ± 1.5	38.3 ± 1.5
Accuracy class	[---]	Engineering (grade 2)	Engineering (grade 2)	Engineering (grade 2)

(Tested) This test sample was tested at the Testing Laboratory.

(Not tested) The technical data were declared by the Manufacturer according to the model range specifications and were not tested by the Testing Laboratory.

Engineering Test Institute, Public Enterprise, confirms by this Test Certificate that the testing of the product in question was performed with the results as stated above. Engineering Test Institute, Public Enterprise, is an accredited Testing Laboratory 1045.1.

Brno, 2021-05-03



Milan Holomek

Head of Heat and Environment-Friendly Equipment Test Station

- END OF TEST CERTIFICATE -