



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

TEST CERTIFICATE

Number **O-39-01232-15**

Manufacturer

HOTJET CZ s.r.o.
Průmyslová 966/21
747 23 Bolatice, ČR
IČ: 27764290

Product

Air/water Heat Pump – Monobloc

Type designation /
Trade mark

HOTJET 10 ONE2
HOTJET 15 ONE2
HOTJET 20 ONE2
HOTJET 25 ONE2

Test method

ČSN EN 14511-1:2014 to ČSN EN 14511-4:2014;
ČSN EN 12102:2014; **EHPA Testing regulation** – Testing of Air/Water
Heat Pumps, version 2.2

Basis of certificate

Test Reports: 39-10677/T/2 and 39-10677/H/2 of 2015-11-11;
Test Report 39-10418/H/2 of 2015-01-06;
Technical documents submitted by *HOTJET CZ s.r.o.*

Temperature application

LOW and HIGH

– reference water temperature 35°C and 55°C –

Reference heating season

„A“ = average / „C“ = colder / „W“ = warmer

– reference design conditions for heating $T_{designh} = -10\text{ °C} / -22\text{ °C} / +2\text{ °C}$ –

Conditions specification:

Outlet water temperature – Indoor heat exchanger –	Variable	Rated liquid flow rate – Outdoor heat exchanger –	---
Compressor speed control	ON/OFF	Rated liquid flow rate – Indoor heat exchanger –	Variable



Registered Test Centre



O-39-01232-15, page 1 (2)

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Engineering Test Institute, public enterprise, Hudcova 424/56b, 621 00 Brno, Czech Republic

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**Results:****HOTJET**

Model name / Temperature conditions*	10 ONE2 (Tested)	15 ONE2 (Not tested)	20 ONE2 (Not tested)	25 ONE2 (Tested)
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– Nominal test conditions –

A7/W35	Corrected heat capacity [kW]	11.341	13.25	18.81	30.104
	Effective power input [kW]	2.680	3.11	4.18	6.996
	COP [-]	4.231	4.26	4.50	4.303
A2/W35	Corrected heat capacity [kW]	8.711	11.07	15.62	22.149
	Effective power input [kW]	2.613	3.16	4.21	6.429
	COP [-]	3.333	3.50	3.71	3.445
A7/W55	Corrected heat capacity [kW]	9.878	14.05	20.24	29.17 (Not tested)
	Effective power input [kW]	3.687	4.98	6.82	10.41 (Not tested)
	COP [-]	2.679	2.82	2.97	2.80 (Not tested)

– Sound power level at A7/W55* (accuracy class 2) –

L_w(A) Outdoor unit	[dB(A)]	67.7 ± 1.5	68.5 ± 1.5	69.5 ± 1.5	71.5 ± 1.5
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(*) Comment to abbreviated marking: eg. A7/W35

„A“ air, „7“ inlet temperature (dry temperature) in °C „W“ water, „35“ outlet temperature in °C.

(Tested) This test sample/condition was tested in 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.

The Engineering Test Institute, Public Enterprise, approves with this test certificate that testing of the product in question was performed with the results as stated above. The Engineering Test Institute, Public Enterprise, is accredited testing laboratory No. 1045.1.

Brno, 2015-11-11

Milan Holomek

Head of Heat and Ecological Equipment Testing Laboratory Manager



- END OF TEST CERTIFICATE -

O-39-01232-15, page 2 (2)

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