



Strojírenský 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



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**Results:****HOTJET**

Model name /

Temperature conditions\*

**10 ONE2**  
(Tested)**15 ONE2**  
(Not tested)**20 ONE2**  
(Not tested)**25 ONE2**  
(Tested)

– Nominal test conditions –

<b>A7/W35</b>	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
<b>A2/W35</b>	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
<b>A7/W55</b>	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) –

<b>L<sub>w</sub>(A)</b>	<b>[dB(A)]</b>	67.7	68.5	69.5	71.5
Outdoor unit		± 1.5	± 1.5	± 1.5	± 1.5

(\*) 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 -

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## TEST CERTIFICATE

Number **O-39-01230-15**

**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** Indoor units: – – –  
Outdoor units – **HOTJET: 10 ONE2, 15 ONE2, 20 ONE2, 25 ONE2**

**Test Procedure** ČSN EN 14511-1:2014 to ČSN EN 14511-4:2014,  
ČSN EN 14825:2014, 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.**

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

**Temperature application** **LOW**  
– reference water temperature 35°C –

### Conditions specification:

<b>Compressor speed control</b>	ON/OFF	<b>Rated liquid flow rate - Outdoor heat exchanger</b>	---
<b>Outlet water temperature - Indoor heat exchange</b>	Variable	<b>Rated liquid flow rate - Indoor heat exchanger</b>	Variable
<b>Heating only / Reversible</b>	Reversible		

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**Results:**

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

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

		HOTJET				
Model name*:		10 ONE2	15 ONE2	20 ONE2	25 ONE2	
		(Tested)	(Not tested)	(Not tested)	(Not tested)	
Low temperature application (reference water temperature 35 °C)						
Full load heating	P <sub>designh</sub> [kW]	A	8.97	12.4	17.1	24.9
		C	9.76	12.5	17.6	24.9
		W	8.90 (Not tested)	11.1	15.0	22.1
Bivalent temperature	T <sub>bivalent</sub> [°C]	A	-7	-7	-7	-7
		C	-10	-10	-10	-10
		W	2	2	2	2
Seasonal coefficient of performance	SCOP [-]	A	3.61	3.84	4.10	4.15
		C	3.05 (Not tested)	3.26	3.48	3.56
		W	4.35 (Not tested)	4.66	4.94	5.06

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

$L_w(A)$	[dB(A)]	67.7	68.5	69.5	71.5 (Tested)
Outdoor unit		± 1.5	± 1.5	± 1.5	± 1.5

(\*) Comment to abbreviated marking: eg. A7/W55

A" air, „7" inlet temperature (dry temperature) in °C „W" water, „55" outlet temperature in °C.

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

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Brno, 2015-11-11

**Milan Holomek**Head of Heat and Ecological Equipment  
Testing Laboratory Manager

- END OF TEST CERTIFICATE -





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## TEST CERTIFICATE

Number **O-39-01231-15**

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 Indoor units: – – –  
Outdoor units – **HOTJET: 10 ONE2, 15 ONE2, 20 ONE2, 25 ONE2**

Test Procedure **ČSN EN 14511-1:2014 to ČSN EN 14511-4:2014,**  
**ČSN EN 14825:2014, 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.**

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

Temperature application **HIGH**  
– reference water temperature  $55\text{ °C}$  –

### Conditions specification:

Compressor speed control	<b>ON/OFF</b>	Rated liquid flow rate - Outdoor heat exchanger	---
Outlet water temperature - Indoor heat exchange	<b>Variable</b>	Rated liquid flow rate - Indoor heat exchanger	<b>Variable</b>
Heating only / Reversible	<b>Reversible</b>		

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**Results:****„A“ = average / „C“ = colder / „W“ = warmer**– reference design conditions for heating  $T_{designh} = -10\text{ °C} / -22\text{ °C} / +2\text{ °C}$  –

		HOTJET				
Model name*:		10 ONE2	15 ONE2	20 ONE2	25 ONE2	
		(Tested)	(Not tested)	(Not tested)	(Not tested)	
High temperature application (reference water temperature 55 °C)						
Full load heating	P <sub>designh</sub> [kW]	A	9.28	11.3	15.6	21.4
		C	10.39	12.3	17.5	26.0
		W	10.20 (Not tested)	11.9	17.0	24.8
Bivalent temperature	T <sub>bivalent</sub> [°C]	A	-7	-7	-7	-7
		C	-10	-10	-10	-10
		W	2	2	2	2
Seasonal coefficient of performance	SCOP [-]	A	3.01	2.94	3.23	3.38
		C	2.66 (Not tested)	2.70	2.86	2.91
		W	3.63 (Not tested)	3.65	3.86	3.91
Sound power level at A7/W55* (accuracy class 2)						
L <sub>W</sub> (A)	[dB(A)]	67.7	68.5	69.5	71.5 (Tested)	
Outdoor unit		± 1.5	± 1.5	± 1.5	± 1.5	

(\*) Comment to abbreviated marking: eg. A7/W55

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