



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

TEST CERTIFICATE

Number **O-39-01228-15**

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**

Test method **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 Report 39-10677/T/2 of 2015-11-11;
Technical documents submitted by HOTJET CZ s.r.o.**

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

Reference heating season **„A“ = average**

Results:

Full load heating	$P_{designh}$	8.97	kW	Seasonal coefficient of performance	SCOP	3.61	-
Reference design temperature conditions for heating	$T_{designh}$	-10	°C	Bivalent temperature	$T_{bivalent}$	-7	°C
Heating declared capacity				Coefficient of performance at the declared capacity			
$T_j = -7\text{ °C}$	P_{dh}	7.932	kW	$T_j = -7\text{ °C}$	COP_d	2.990	-
$T_j = +2\text{ °C}$	P_{dh}	8.956	kW	$T_j = +2\text{ °C}$	COP_d	3.508	-
$T_j = +7\text{ °C}$	P_{dh}	10.639	kW	$T_j = +7\text{ °C}$	COP_d	4.397	-
$T_j = +12\text{ °C}$	P_{dh}	12.420	kW	$T_j = +12\text{ °C}$	COP_d	5.292	-
$T_j = TOL = -10\text{ °C}$	P_{dh}	6.798	kW	$T_j = TOL = -10\text{ °C}$	COP_d	2.563	-
$T_j = T_{bivalent} = -7\text{ °C}$	P_{dh}	7.932	kW	$T_j = T_{bivalent} = -7\text{ °C}$	COP_d	2.990	-

Registered Test Centre





Power consumption in modes other than „active mode“					
Off mode	P_{OFF}	7.3	W	Standby mode	P_{SB} 7.3 W
Thermostat - off mode	P_{TO}	37.9	W	Crankcaseheater mode	P_{CK} 0 W
Water flow rate in indoor heating exchanger					
Minimum water flow rate	1.176	m^3/h	Maximum water flow rate	2.142	m^3/h
Other					
Sound power level, A7/W55*, accuracy class 2					
HOTJET 10 ONE2 (outdoor unit)	LWA	67.7 ± 1.5	dB(A)	Annual electricity consumption for heating according to ČSN EN 14825:2014	Q_{HE} 3476 kWh
--- (indoor unit)	LWA	---			
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	

(*) Comment to abbreviated marking: eg. A7/W55
„A“ air, „7“ inlet temperature (dry temperature) in °C „W“ water, „55“ outlet temperature in °C.

The 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.
The Engineering Test Institute, Public Enterprise., is an accredited Testing Laboratory 1045.1.

Brno, 2015-11-11

Milan Holomek

Head of Heat and Ecological Equipment
Testing Laboratory Manager



- END OF TEST CERTIFICATE -