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Thercon nv
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Project number	180201656
Subject	Test results heat pump Thermastage TC11 on measurement of domestic hot water production
Information	Wouter Rittel
E-mail	wouter.rittel@kiwa.nl
Date	7 December 2018
Our reference	WR-180201656-181207/04

Dear Mr. Waumans,

Hereby we send you the test results of the heat pump measurements on domestic hot water which Kiwa performed in its laboratory in Apeldoorn, the Netherlands.

The measurements according to EN16147:2017, tapping class XXL have been performed on the following Thercon Thermastage air-to-water heat pump:

TCC11-500a / TOC11RIY

The test results as determined are given in Annex 1.

With kind regards,

A handwritten signature in blue ink, appearing to read "W. Rittel", with a long horizontal stroke extending to the right.

W. Rittel M.Sc
Test Engineer / Projectmanager

Annex 1

The results of the domestic hot water test on the Thercon Thermastage TCC11-500a / TOC11RIY:

Heat pump combination tested	Thermastage TC11 + 500 l storage tank
Outdoor unit	TOC11RIY (WOHA100LFTA) - serial no. T100511
Indoor unit	TC11 - serial no. 2300100000216
Storage tank	Combi 500a - serial no. – (prototype)
Tapping cycle	EN 16147:2017 XXL
Test period	October 4-7, 2018
COP ¹⁾ [-]	3,28
Water heating energy efficiency [%]	131

¹⁾ COP has been determined with the electric heating element of the storage tank connected and in working order