



PRODUCT PERFORMANCE REPORT

Document ID 1505461251

Issued on September 15th, 2017

PROJECT IDENTIFICATION - This product performance report is delivered for:

Name **Smart AC**
 Project reference **Smart AC**
 Project location **Estonia**

PRODUCT IDENTIFICATION

Certification Diploma N° **10.06.477**
 Brand **GREE**
 Range **AIR TO WATER HEAT PUMP**
 Product type **Liquid Chilling Packages and Heat Pumps / Chiller or heat pump / Air cooled / Split / Reverse cycle**
 Product reference **GRS-CQ12Pd/NaE-K**

Important notice:

- I. Data featured in this report are valid at the date of issue. The scope of this product performance report does not include all certified data that can be checked at <http://www.eurovent-certification.com>
- II. This product performance report is valid only for above product features and should not be referred to as a Diploma.

FEATURE	VALUE	UNIT
Acoustics - Cooling		
LwO	70.0	dB(A)
Acoustics for Heating - Average - Med T.		
LwO Average W55	70.0	dB(A)
Air Conditioning		
Pc	8.5	kW
Pec	2.74	kW
EER	3.1	
ESEER	3.4	
Ph	11.5	kW
Peh	3.38	kW
COP	3.4	
Cooling Floor		
Pc	12.5	kW
Pec	2.98	kW
EER	4.2	
General		
Type of Water Regulation	variable	
MPS	230-1-50	
Refrigerant	R410A	
Heating Floor		
Ph	12.0	kW
Peh	2.79	kW
COP @ 7	4.3	



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FEATURE	VALUE	UNIT
Seasonal Efficiency for Heating - Average - Med T.		
Pdesignh Average W55	8.7	kW
SCOP Average W55	2.987	
η_s Average W55	116.48	