



PRODUCT PERFORMANCE REPORT

Document ID 1553614627
 Issued on March 26th, 2019

PROJECT IDENTIFICATION - This product performance report is delivered for:

Name **LG**
 Company **LG**
 Project reference **LG**
 Project location **Italy**

PRODUCT IDENTIFICATION

Certification Diploma N° **16.11.006**
 Brand **LG**
 Range **THERMA V**
 Product type **Groupe de production d'eau glacée / Chiller or heat pump / Air cooled / Packaged / Reverse cycle**
 Product reference **HM051M.U43**

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
A35/W12-7		
Pc	5.5	kW
Pec	1.96	kW
EER	2.8	
Dpc Indoor	7	kPa
Class EER	C	
A35/W23-18		
Pc	5.5	kW
Pec	1.2	kW
EER	4.6	
Dpc Indoor	7	kPa
Class EER	A	
A7/W30-35		
Ph	5.5	kW
Peh	1.22	kW
COP	4.5	
Dph Indoor	4	kPa
A7/W40-45		
Ph	5.5	kW
Peh	1.44	kW
COP	3.82	
Dph Indoor	7	kPa
A7/W47-55		



PRODUCT PERFORMANCE REPORT

Document ID 1553614627
 Issued on March 26th, 2019

FEATURE	VALUE	UNIT
Dph Indoor	4	kPa
Ph	5.5	kW
Peh	2.04	kW
COP	2.7	
Acoustics		
LwO	60	dB(A)
Compressor details		
Compressor motor type	Scroll	
Compressor Type	Hermetic Motor Compressor	
Inverter_type	Variable speed	
Efficiency Average W35		
Pdesignh Average W35	5	kW
SCOP Average W35	4.45	
Eta s Average W35	175	%
Efficiency Average W55		
Pdesignh Average W55	5	kW
SCOP Average W55	3.12	
Eta s Average W55	122	%
Efficiency Colder W35		
SCOP Colder W35	7	
SCOP Colder W35	7	
Efficiency Colder W55		
SCOP Colder W55	7	
SCOP Colder W55	7	
Efficiency Warmer W35		
SCOP Warmer W35	7	
SCOP Warmer W35	7	
Efficiency Warmer W55		
SCOP Warmer W55	6	
SCOP Warmer W55	6	
General		
Control of pump speed	Fixed	
MPS	230-1-50	
Refrigerant	R32	
Type of Water Regulation	VW/VO	
SEER		
SEER	4.2	
Eta sc	165	%
Selection_tool		
Name_and_version	false	



PRODUCT PERFORMANCE REPORT

Document ID 1553614627
Issued on March 26th, 2019

FEATURE	VALUE	UNIT
Name_and_version	false	
Sound Average W55		
LwO	60	dB(A)