

APPENDIX A1

**EVA - EMP
TEST REPORT ON ENERGY CONSUMPTION
HOT & COLD DRINKS MACHINES
CATEGORY 6**

MACHINE INFORMATION

Machine Type	LuceZero.0 E	
Manufacturer		
Model Number		
Serial Number		
Compressor Power (If cold drink machine only)		
Test Date	23/11/16	
Boiler Volume	400	ml
Nominal Boiler Temperature	95	°C
Energy Saving Temperature	-----	°C

TEST CONDITIONS

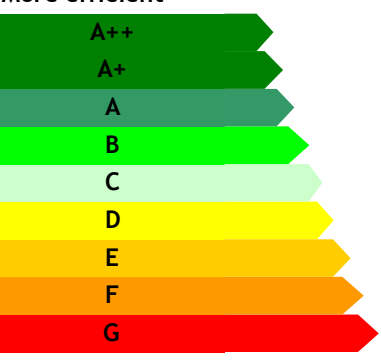
Ambient Test Temperature (°C)	24	°C
Ambient Test Relative Humidity (%)	61	%
Inlet Water Temperature (°C)	24	°C

ENERGY MEASUREMENTS HOT DRINKS

Heat Up Phase Measurement	HU	39	Watthours
Idle Phase Measurement	IM	47	Watthours/hour
Vending Phase Measurement	VM	411	Watthours
Average Drink Volume Measurement	DV	4,35	Litres
Number of Drinks delivered	NOD	30	Drinks
Average Drink Temperature Measurement	DT	82,1	°C

Cool Down Duration (from IS to ESS)	CDD		hours
Cool Down energy consumption	CD-ESM		Watthours
Energy Saving Mode measurement	ESM		Watthours/hour
Heat Up from Energy Saving Mode	HU-ESM		Watthours

Values from EVA-EMP report			
Inlet water T		24,0	°C
Idle phase	IM	47,0	wh/h
Vending phase	VM	411,0	wh
Total drink volume	DV	4,350	litres
Avg. drink temp.	DT	82,1	°C
Energy saving mode	ESM	0,0	wh/h
Duration of VM in hours e.g.4,0		1,0	hrs
No. of drinks dispensed during VM		30,0	cups

Energy		Vending machine
Manufacturer	RheaVendors Group	A+
Model	LuceZero.0 E	
More efficient		
		
Total energy consumption 118 wh/L		
Measured at 30 L/24h		
~ no. of cups in ml 207 cups of 145 ml		
Energy consumption in Idle Mode: 1128 wh/24h		
Less efficient		

Test Performed By: **Giuseppe Migliavacca**

Signed: **Maurilio Luca Pizzo**

Date: **24 Nov 2016**