

APPENDIX A1

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

MACHINE INFORMATION

Machine Type	rhFS1.Touch21 I	
Manufacturer		
Model Number		
Serial Number		
Compressor Power (If cold drink machine only)		
Test Date	26/09/2022	
Boiler Volume	3600	ml
Nominal Boiler Temperature	85	°C
Energy Saving Temperature		°C

TEST CONDITIONS

Ambient Test Temperature (°C)	25	°C
Ambient Test Relative Humidity (%)	60	%
Inlet Water Temperature (°C)	24	°C

ENERGY MEASUREMENTS HOT DRINKS

Heat Up Phase Measurement	HU	271,1	Watthours
Idle Phase Measurement	IM	114,3	Watthours/hour
Vending Phase Measurement	VM	438,3	Watthours
Average Drink Volume Measurement	DV	4,173	Litres
Number of Drinks delivered	NOD	30	Drinks
Average Drink Temperature Measurement	DT	74,5	°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	114,3	wh/h
Vending phase	VM	438,3	wh
Total drink volume	DV	4,173	litres
Avg. drink temp.	DT	74,5	°C
Energy saving mode	ESM		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	rhFS1.touch21 I	
More efficient A++ A+ A B C D E F G ◀A Less efficient		
Total energy consumption		178 wh/L
Measured at		30 L/24h
~ no. of cups in ml		216 cups of 139 ml
Energy consumption in Idle Mode:		2743 wh/24h

Test Performed By: **Roberto Turesso**

Signed: **Maurilio Luca Pizzo**

Date: **27/09/2022**