APPENDIX A1

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

MACHINE INFORMATION

Machine Type	**CinoXSGrande E 800ml**	
Manufacturer		
Model Number		
Serial Number		
Compressor Power (If cold drink machine only)		
Test Date	**12/03/14**	
Boiler Volume	**800**	**ml**
Nominal Boiler Temperature	**92**	**°C**
Energy Saving Temperature	**70**	**°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**	**41**	**Watthours**
Idle Phase Measurement	**IM**	**42**	**Watthours/hour**
Vending Phase Measurement	**VM**	**403**	**Watthours**
Average Drink Volume Measurement	**DV**	**4,03**	**Litres**
Number of Drinks delivered	**NOD**	**30**	**Drinks**
Average Drink Temperature Measurement	**DT**	**78,9**	**°C**

Cool Down Duration (from IS to ESS)	CDD	1	hours
Cool Down energy consumption	CD-ESM	10	Watthours
Energy Saving Mode measaurement	ESM	33	Watthours/hour
Heat Up from Energy Saving Mode	HU-ESM	14	Watthours

Values from EVA-EMP report			
Inlet water T		24,0	°C
Idle phase	IM	42,0	wh/h
Vending phase	VM	403,0	wh
Total drink volume	DV	4,030	litres
Avg. drink temp.	DT	78,9	°C
Energy saving mode	ESM	33,0	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

Model: Cino XS Gr E 800ml

◄A

More efficient

A++
A+
A ◄A
B
C
D
E
F
G

Less efficient

Total energy consumption 159 wh/L

Measured at 15 L/24h

~ no. of cups in ml 112 cups of 134 ml

Energy consumption in Idle Mode: 1008 wh/24h

Test Performed By: Giuseppe Migliavacca

Signed: Maurilio Luca Pizzo

Date: 14 Mar 2014