rheavendors industries

in accordance with: EUROPEAN VENDING ASSOCIATION

APPENDIX A1

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

MACHINE INFORMATION

Machine Type	Sagoma Milano E	
Manufacturer		
Model Number		
Serial Number		
Compressor Power (If cold drink machine only)		
Test Date	14/05/14	
Boiler Volume	400	ml
Nominal Boiler Temperature	90	°C
Energy Saving Temperature	-------	°C

TEST CONDITIONS

Ambient Test Temperature (°C)	24	°C
Ambient Test Relative Humidity (%)	59	%
Inlet Water Temperature (°C)	24	°C

ENERGY MEASUREMENTS HOT DRINKS

Heat Up Phase Measurement	HU	37	Watthours
Idle Phase Measurement	IM	38	Watthours/hour
Vending Phase Measurement	VM	380	Watthours
Average Drink Volume Measurement	DV	4,10	Litres
Number of Drinks delivered	NOD	30	Drinks
Average Drink Temperature Measurement	DT	76,6	°C

Cool Down Duration (from IS to ESS)	CDD		hours
Cool Down energy consumption	CD-ESM		Watthours
Energy Saving Mode measaurement	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	38,0	wh/h
Vending phase	VM	380,0	wh
Total drink volume	DV	4,100	litres
Avg. drink temp.	DT	76,6	°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 Industries

Model: SagomaMilano E

A+

More efficient

A++
A+
A
B
C
D
E
F
G

◀A+

Less efficient

Total energy consumption 119 wh/L

Measured at 30 L/24h

~ no. of cups in ml 220 cups of 137 ml

Energy consumption in Idle Mode: 912 wh/24h

Test Performed By: **Giuseppe Migliavacca**

Signed: **Maurilio Luca Pizzo**

Date: **15 Mag 2014**

APPENDIX A1

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

MACHINE INFORMATION

Machine Type	Sagoma Milano I	
Manufacturer		
Model Number		
Serial Number		
Compressor Power (If cold drink machine only)		
Test Date	24/07/12	
Boiler Volume	3400	ml
Nominal Boiler Temperature	85	°C
Energy Saving Temperature	70	°C

TEST CONDITIONS

Ambient Test Temperature (°C)	25	°C
Ambient Test Relative Humidity (%)	58	%
Inlet Water Temperature (°C)	24	°C

ENERGY MEASUREMENTS HOT DRINKS

Heat Up Phase Measurement	HU	210	Watthours
Idle Phase Measurement	IM	83	Watthours/hour
Vending Phase Measurement	VM	410	Watthours
Average Drink Volume Measurement	DV	4,14	Litres
Number of Drinks delivered	NOD	30	Drinks
Average Drink Temperature Measurement	DT	76,4	°C

rheavendors industries

in accordance with: EUROPEAN VENDING ASSOCIATION

Cool Down Duration (from IS to ESS)	CDD		hours
Cool Down energy consumption	CD-ESM		Watthours
Energy Saving Mode measaurement	ESM	58	Watthours/hour
Heat Up from Energy Saving Mode	HU-ESM	70	Watthours

Values from EVA-EMP report			
Inlet water T		24,0	°C
Idle phase	IM	83,0	wh/h
Vending phase	VM	410,0	wh
Total drink volume	DV	4,140	litres
Avg. drink temp.	DT	76,4	°C
Energy saving mode	ESM	58,0	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 Industries

Model: Sagoma Milano I

◀A

More efficient

A++
A+
A ◀A
B
C
D
E
F
G

Less efficient

Total energy consumption	151 wh/L
Measured at	30 L/24h
~ no. of cups in ml	217 cups of 138 ml
Energy consumption in Idle Mode:	1992 wh/24h

Test Performed By: **Giuseppe Migliavacca**

Signed: **Maurilio Luca Pizzo**

Date: **27 Lug 2012**