

Values from EVA-EMP report		
Inlet water T		25,0 °C
Idle phase	IM	105,0 wh/h
Vending phase	VM	420,0 wh
Total drink volume	DV	4,150 litres
Avg. drink temp.	DT	75,9 °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

Manufacturer

Model

Rhea Vendors

Luce - Lazio I

Vending machine

◀A

More efficient

A++

A+

A

B

C

D

E

F

G

◀A

Less efficient

Total energy consumption

Measured at

~ no. of cups in ml

Energy consumption in Idle Mode:

166 wh/L

30 L/24h

217 cups of 138 ml

2520 wh/24h

Process energy consumption without IM				
wh	wh	wh	Cup volume (DV)	wh
Energy L° ideal	Energy L°	Energy / L @ 80°	ml	IM / 24 hrs
1,163	1,491	82,018	138,3	2520,00

Liters	cups	wh	wh	30L/24h	
Liters/24h	number	Tot process	Tot energy / L	Energy class	
OCS	5L/24h	36	410,088	586,018	F
Table Top	15L/24h	108	1230,265	250,018	C
Free Standing	30L/24h	217	2460,530	166,018	A
High Throughput	50L/24h	361	4100,883	132,418	A+

A++	A+	A	B	C	D	E	F	G
<100wh/L	<140wh/L	<190wh/L	<240wh/L	<310wh/L	<400wh/L	<500wh/L	<640wh/L	>640wh/L

Values from EVA-EMP report		
Inlet water T		25,0 °C
Idle phase	IM	145,0 wh/h
Vending phase	VM	550,0 wh
Total drink volume	DV	4,700 litres
Avg. drink temp.	DT	76,8 °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

Manufacturer

Model

Rhea Vendors

Luce - Lazio E

Vending machine

B

More efficient

A++

A+

A

B

C

D

E

F

G

◀B

Less efficient

Total energy consumption

207 wh/L

Measured at

30 L/24h

~ no. of cups in ml

191 cups of 157 ml

Energy consumption in Idle Mode:

3480 wh/24h

Process energy consumption without IM				
wh	wh	wh	Cup volume (DV)	wh
Energy L° ideal	Energy L°	Energy / L @ 80°	ml	IM / 24 hrs
1,163	1,664	91,493	156,7	3480,00

Liters	cups	wh	wh	30L/24h	
Liters/24h	number	Tot process	Tot energy / L	Energy class	
OCS	5L/24h	32	457,467	787,493	G
Table Top	15L/24h	96	1372,402	323,493	D
Free Standing	30L/24h	191	2744,804	207,493	B
High Throughput	50L/24h	319	4574,673	161,093	A

A++	A+	A	B	C	D	E	F	G
<100wh/L	<140wh/L	<190wh/L	<240wh/L	<310wh/L	<400wh/L	<500wh/L	<640wh/L	>640wh/L