

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

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+

Energy	Vending machine
Manufacturer Rhea Vendors	◀ A
Model Luce - Lazio I	
More efficient	◀ A
A++	
A+	
A	
B	
C	
D	
E	
F	
G	
Less efficient	
Total energy consumption 166 wh/L	
Measured at 30 L/24h	
~ no. of cups in ml 217 cups of 138 ml	
Energy consumption in Idle Mode: 2520 wh/24h	

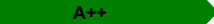



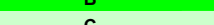




A++	A+	A	B	C	D	E	F	G
<100wh/L	<140wh/L	<190wh/L	<240wh/L	<310wh/L	<400wh/L	<500wh/L	<640wh/L	>640wh/L

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

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

Energy		Vending machine
Manufacturer	Rhea Vendors	B
Model	Luce - Lazio E	
More efficient		
A++		◀ B
A+		
A		
B		
C		
D		
E		
F		
G		
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	