

Values from EVA-EMP report		
Inlet water T		25,0 °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	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	1,537	84,518	138,0	1992,00

	Liters	cups	wh	wh	30L/24h
	Liters/24h	number	Tot process	Tot energy / L	Energy class
OCS	5L/24h	36	422,588	482,918	E
Table Top	15L/24h	109	1267,763	217,318	B
Free Standing	30L/24h	217	2535,527	150,918	A
High Throughput	50L/24h	362	4225,878	124,358	A+

Energy	Vending machine
Manufacturer Rhea Vendors	◀ A
Model CaffèEuropa I	
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	

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	55,0 wh/h
Vending phase	VM	450,0 wh
Total drink volume	DV	4,300 litres
Avg. drink temp.	DT	78,5 °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	1,717	94,436	143,3	1320,00

	Liters	cups	wh	wh	30L/24h
	Liters/24h	number	Tot process	Tot energy / L	Energy class
OCS	5L/24h	35	472,180	358,436	D
Table Top	15L/24h	105	1416,540	182,436	A
Free Standing	30L/24h	209	2833,080	138,436	A+
High Throughput	50L/24h	349	4721,800	120,836	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	A+
Model	CaffèEuropa E	
More efficient		
A++		◀A+
A+		
A		
B		
C		
D		
E		
F		
G		
Less efficient		
Total energy consumption	138 wh/L	
Measured at	30 L/24h	
~ no. of cups in ml	209 cups of 143 ml	
Energy consumption in Idle Mode:	1320 wh/24h	