

Values from EVA-EMP report		
Inlet water T		25,0 °C
Idle phase	IM	77,0 wh/h
Vending phase	VM	360,0 wh
Total drink volume	DV	4,020 litres
Avg. drink temp.	DT	74,8 °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	1,414	77,749	134,0	1848,00

	Liters	cups	wh	wh	15L/24h
	Liters/24h	number	Tot process	Tot energy / L	Energy class
OCS	5L/24h	37	388,744	447,349	E
Table Top	15L/24h	112	1166,232	200,949	B
Free Standing	30L/24h	224	2332,464	139,349	A+
High Throughput	50L/24h	373	3887,440	114,709	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	Bar - XX OC I	
More efficient		
A++		◀B
A+		
A		
B		
C		
D		
E		
F		
G		
Less efficient		
Total energy consumption		201 wh/L
Measured at		15 L/24h
~ no. of cups in ml		112 cups of 134 ml
Energy consumption in Idle Mode:		1848 wh/24h