

Values from EVA-EMP report		
Inlet water T		24,0 °C
Idle phase	IM	124,0 wh/h
Vending phase	VM	460,0 wh
Total drink volume	DV	4,250 litres
Avg. drink temp.	DT	78,0 °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	1,464	81,987	141,7	2976,00

	Liters	cups	wh	wh	50L/24h
	Liters/24h	number	Tot process	Tot energy / L	Energy class
OCS	5L/24h	35	409,935	677,187	G
Table Top	15L/24h	106	1229,804	280,387	C
Free Standing	30L/24h	212	2459,608	181,187	A
High Throughput	50L/24h	353	4099,346	141,507	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	Ho.Re.Ca. 380V	
More efficient		
A++		◀A
A+		
A		
B		
C		
D		
E		
F		
G		
Less efficient		
Total energy consumption		142 wh/L
Measured at		50 L/24h
~ no. of cups in ml		353 cups of 142 ml
Energy consumption in Idle Mode:		2976 wh/24h