



Nr 50 100 1618

DUCALE MACCHINE DA CAFFE' s.r.l.

Sede legale e amministrativa:
VIA CARRA, 5 - 43122 PARMA - ITALY
TEL. 0521-27.26.19 r.a. FAX 0521-27.14.80
C.F.: 00226830347 P. IVA: IT 00226830347 C.C.I.A.A. PARMA 00226830347
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Pec: ducalemacchinedacaffesnc@legalmail.it
E-mail: info@ducale.com

La sottoscritta :

DUCALE macchine da caffè srl
Via Carra, 5
43122- Parma - ITALY

Dichiara che a partire dalla produzione di Giugno 2018, la famiglia di distributore CITY rientra nella classe energetica A++ secondo il protocollo EVA EMP 3.0.

EVA – EMP
Test Report On Energy Consumption
Hot & Cold Drinks Machines
Category 6

MACHINE INFORMATION

Machine Type	Hot Coffee Machine	
Manufacturer	Ducale Macchine da Caffè	
Model Number	SCTSTAR7	
Serial Number	*1712.000A (test machine)	
Compressor Power (If cold drink machine only)	-	
Test Date	06/12/2017	
Boiler Volume	800	ml
Nominal Boiler Temperature	85	°C
Energy Saving Temperature	N/A	°C

TEST CONDITIONS

Ambient Test Temperature	21	°C
Ambient Test Relative Humidity (%)	60	°C
Inlet Water Temperature	20	°C

ENERGY MEASUREMENT HOT DRINKS

Heat Up Phase Measurement	HU	43	Watthours
Idle State Measurement	IM	62	Watthours/hour
Vending Phase Measurement	VM	120	Watthours
Average Drink Volume Measurement	DV	1	Litre
Number of Drinks delivered	NOD	30	Drinks
Average Drink Temperature Measurement	DT	85	°C



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Energy		Vending machine
Manufacturer	Ducale srl	A++
Model	CITY	
More efficient		
A++		◀A++
A+		
A		
B		
C		
D		
E		
F		
G		
Less efficient		
Total energy consumption		98 wh/L
Measured at		30 L/24h
~ no. of cups in ml		900 cups of 33 ml
Energy consumption in Idle Mode:		1488 wh/24h

Values from EVA-EMP report			
Inlet water T		18.0	°C
Idle phase	IM	62.0	wh/h
Vending phase	VM	120.0	wh
Total drink volume	DV	1.000	litres
Avg. drink temp.	DT	85.0	°C
Energy saving mode	ESM	0.0	wh/h
Duration of VM in hours e.g.4,0		1.1	hrs
No. of drinks dispensed during VM		30.0	cups



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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	0.773	47.934	33.3	1488.00	
Liters	cups	wh	wh	30L/24h	
Liters/24h	number	Tot process	Tot energy / L	Energy class	
OCS	5L/24h	150	239.672	345.534	D
Table Top	15L/24h	450	719.015	147.134	A
Free Standing	30L/24h	900	1438.030	97.534	A++
High Throughput	50L/24h	1500	2396.716	77.694	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