

TABLE DOSES SELECTION GRANMATTINO

Written	DM	Approved	PM		
Date eprom	17/11/2009	Eprom code	Rev. 1.5 FD USA	Country	USA
Code D.A.	F957115	Model	C5/USA UL		

SELF_SERVICE VERSION

	DIP 3	DIP 4
LAYOUT N. 1	OFF	OFF

SELECTIONS LAYOUT: 1

10 Small		1 Mocha	2 French vanilla	3 Chocomilk
11 Medium		4 Cafè latte	5 French vanilla milk	6 Chai tea
12 Large		7 Cappuccino	8 French vanilla exp.	9 Chai latte

SELECTIONS COMPOSITION

SELEZ.	BASE INGREDIENT			2 ND INGREDIENT			3 RD INGREDIENT	
	WATER	POWD. 1	POWD. 2	WATER	POWD. 1	POWD. 2	WATER	POWD.
MOCHA	CA1/2/3	-	-	LA1/2/3	LA1/2/3	-	KA1/2/3	KA1/2/3
FRENCH VANILLA	DE1/2/3	DE1/2/3	-	CAD/E/F	-	-	-	-
HOT CHOCOLATE WITH MILK	KK1/2/3	KK1/2/3	-	AD1/2/3	AD1/2/3	-	-	-
CAFE' LATTE	CA4/5/6	-	-	LA4/5/6	LA4/5/6	-	-	-
FRENCH VANILLA WITH MILK	FV1/2/3	FV1/2/3	-	AD4/5/6	AD4/5/6	-	-	-
CHAI TEA	TE4/5/6	TE4/5/6	-	-	-	-	-	-
CAPPUCCINO	CA7/8/9	-	-	LA7/8/9	LA7/8/9	-	-	-
FRENCH VANILLA ESPRESSO	CAA/B/C	-	-	AD7/8/9	AD7/8/9	-	-	-
CHAI LATTE	TE1/2/3	TE1/2/3	-	LAA/B/C	LAA/B/C	-	-	-

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CODE DOSE	WATER DOSES		POWDER DOSES	
	dec.	cc	d.s.	gr.
CA1 coffee mocha small	130	90	0	0
CA2 coffee mocha med.	130	90	0	0
CA3 coffee mocha large	200	135	0	0
CA4 café latte small	130	90	0	0
CA5 café latte medium	130	90	0	0
CA6 café latte large	200	135	0	0
CA7 cof.cappuccino small	130	90	0	0
CA8 coffee cappuc. med.	130	90	0	0
CA9 coffee cappuc. large	200	135	0	0
CAA cof. french van. small	130	90	0	0
CAB cof. french van. med.	130	90	0	0
CAC cof. french van. large	200	135	0	0
CAD add. french van. small	0	0	0	0
CAE add. french van. med.	0	0	0	0
CAF add. french van. large	0	0	0	0
LA1 milk x mocha small	90	138	26	9.0
LA2 milk x mocha med.	105	157	34	11.4
LA3 milk x mocha large	115	172	40	13.8
LA4 milk x café latte sm.	175	262	127	43.2
LA5 milk café latte med.	240	360	161	54.7
LA6	284	426	195	66.2

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milk x caffè latte large				
LA7 milk x cappuc. small	175	262	116	39.6
LA8 milk x cappuc. med.	240	360	147	50.1
LA9 milk x cappuc. large	270	405	179	60.7
LAA milk x chai latte small	20	30	14	4.8
LAB milk x chai latte med.	25	37	19	6.4
LAC milk x chai latte large	30	45	24	8.2
KA1 choc x mocha small	90	135	53	31.5
KA2 choc x mocha medium	140	210	68	40.0
KA3 choc x mocha large	145	217	82	48.3
KK1 hot chocomilk small	167	250	127	75
KK2 hot chocomilk med.	263	394	161	95
KK3 hot chocomilk large	278	417	194	115
TE1 tea x chai latte small	240	360	111	34.5
TE2 tea x chai latte med.	310	465	145	45.1
TE3 tea x chai latte large	390	585	184	57
TE4 chai tea small	300	450	142	44
TE5 chai tea medium	340	510	162	50.1
TE6 chai tea large	440	660	210	65.1
DE1 french vanilla small	200	300	127	75.0

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DE2 french vanilla medium	270	405	161	95.0
DE3 french vanilla large	370	555	194	115.0
BR1 not used	0	0	0	0
AC1 not used	0	0	0	0
AC2 not used	0	0	0	0
AC3 not used	0	0	0	0
AD1 milk chocomilk small	20	30	21	7.2
AD2 milk chocomilk med.	25	37	27	9.1
AD3 milk chocomilk large	30	45	32	11.0
AD4 milk french van. small	20	30	21	7.2
AD5 milk french van. med.	25	37	27	9.1
AD6 milk french van. large	30	45	32	11.0
AD7 french van. exp. small	175	262	116	68.0
AD8 french van. exp. med.	240	360	147	82.6
AD9 french van. exp large	270	405	179	105.7
FV1 french van. milk small	181	271	127	75.0
FV2 french van. milk med.	245	367	161	95.0
FV3 french van. milk large	237	355	194	115.0

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WATER DOSIS SELECTION	
SEL.	H₂O
Mocha	363/457/524 cc
French vanilla	300/405/555 cc
Hot chocolate w/milk	280/431/462 cc
Cafè latte	352/450/561 cc
French vanilla w/milk	301/404/400 cc
Chai tea	450/510/660 cc
Cappuccino	352/450/540 cc
French vanilla espresso	352/450/540 cc
Chai latte	390/502/630 cc

WATER / POWDER DELAYS

standard	0.6	sec
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OTHER INFORMATIONS

CHANGES

- * Shoots programmable.
- * Washing cycle start by pressing the sequence of keys washing and keys number 2.
- * Added new counter for preselection small, medium and large.
- * Added new layout
- * Eliminata la gestione del micro di presenza del gruppo caffè

- * Shoots programmabili.
- * Funzione lavaggio attivabile premendo la sequenza tasto esterno lavaggio e tasto n. 2.
- * Modificate le statistiche con contatore per preselezione small, medium e large.
- * Aggiunti nuovi layout

DIP-SWITCH CONFIGURATION

D.A. VERSION	DIP 1
HOTELLERIE	OFF
SELF-SERVICE	ON

PAYMENT SYSTEM	DIP 6	DIP 7	DIP 8
NESSUN SISTEMA	OFF	OFF	OFF
VALIDATORI	ON	OFF	OFF
VALIDATORI + ACCREDITO	OFF	ON	OFF

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	DIP 3	DIP 4
LAYOUT N. 2	ON	OFF

SELECTIONS LAYOUT: 2

10 Small		1 Espresso	2 Mocha	3 Chocomilk
11 Medium		4 Cafè latte	5 French vanilla	6 Chai tea
12 Large		7 Cappuccino	8 French vanilla exp.	9 Steamer

SELECTIONS COMPOSITION

SELEZ.	BASE INGREDIENT			2 ND INGREDIENT			3 RD INGREDIENT	
	WATER	POWD. 1	POWD. 2	WATER	POWD. 1	POWD. 2	WATER	POWD.
ESPRESSO	CAD/E/F	-	-	-	-	-	-	-
MOCHA	CA1/2/3	-	-	LA1/2/3	LA1/2/3	-	KA1/2/3	KA1/2/3
CHOCOMILK	KK1/2/3	KK1/2/3	-	AD1/2/3	AD1/2/3	-	-	-
CAFE' LATTE	CA4/5/6	-	-	LA4/5/6	LA4/5/6	-	-	-
FRENCH VANILLA	DE1/2/3	DE1/2/3	-	-	-	-	-	-
CHAI TEA	TE4/5/6	-	-	-	-	-	-	-
CAPPUCCINO	CA7/8/9	-	-	LA7/8/9	LA7/8/9	-	-	-
FRENCH VANILLA ESPRESSO	CAA/B/C	-	-	AD7/8/9	AD7/8/9	-	-	-
STEAMER	LAA/B/C	-	-	-	-	-	-	-

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CODE DOSE	WATER DOSES		POWDER DOSES	
	dec.	cc	d.s.	gr.
CA1 coffee mocha small	75	50	0	0
CA2 coffee mocha med.	100	90	0	0
CA3 coffee mocha large	140	95	0	0
CA4 café latte small	75	50	0	0
CA5 café latte medium	80	55	0	0
CA6 café latte large	145	100	0	0
CA7 cof.cappuccino small	75	50	0	0
CA8 coffee cappuc. med.	100	70	0	0
CA9 coffee cappuc. large	140	95	0	0
CAA cof. french van. small	75	50	0	0
CAB cof. french van. med.	100	70	0	0
CAC cof. french van. large	140	95	0	0
CAD espresso small	100	90	0	0
CAE espresso medium	115	90	0	0
CAF espresso large	200	135	0	0
LA1 milk x mocha small	75	115	20	7
LA2 milk x mocha med.	85	125	26	8.7
LA3 milk x mocha large	120	180	34	11.7
LA4 milk x café latte sm.	130	195	99	33.6
LA5 milk café latte med.	190	285	127	43.2

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LA6 milk x caffè latte large	250	375	161	54.7
LA7 milk x cappuc. small	125	190	90	30.7
LA8 milk x cappuc. med.	190	285	116	39.6
LA9 milk x cappuc. large	250	375	147	50.1
LAA steamer small	160	240	115	39
LAB steamer medium	225	333	132	45
LAC steamer large	320	473	165	56
KA1 choc x mocha small	80	120	48	28.5
KA2 choc x mocha medium	125	190	53	31.5
KA3 choc x mocha large	150	225	68	40
KK1 hot chocomilk small	130	195	99	58.4
KK2 hot chocomilk med.	200	300	127	75
KK3 hot chocomilk large	275	412	161	95
TE1 not used	0	0	0	0
TE2 not used	0	0	0	0
TE3 not used	0	0	0	0
TE4 chai tea small	160	240	115	35.6
TE5 chai tea medium	225	337	132	40.8
TE6 chai tea large	320	480	165	51
DE1 french vanilla small	145	217	99	58.4

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DE2 french vanilla medium	225	337	127	75
DE3 french vanilla large	295	442	161	95
BR1 not used	0	0	0	0
AC1 not used	0	0	0	0
AC2 not used	0	0	0	0
AC3 not used	0	0	0	0
AD1 milk chocomilk small	16	24	12	4.1
AD2 milk chocomilk med.	20	30	16	5.4
AD3 milk chocomilk large	24	36	20	7
AD4 not used	0	0	0	0
AD5 not used	0	0	0	0
AD6 not used	0	0	0	0
AD7 french van. exp. small	130	195	95	55.7
AD8 french van. exp. med.	195	292	116	68
AD9 french van. exp large	250	375	147	82.6
FV1 not used	0	0	0	0
FV2 not used	0	0	0	0
FV3 not used	0	0	0	0

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WATER DOSIS SELECTION	
SEL.	H ₂ O
Espresso	90/90/135 cc
Mocha	285/405/500 cc
Chocomilk	219/330/448 cc
Cafè latte	245/340/475 cc
French vanilla	217/337/442 cc
Chai tea	240/337/480 cc
Cappuccino	242/355/470 cc
French vanilla espresso	247/362/471 cc
Steamer	240/333/473 cc

	DIP 3	DIP 4
LAYOUT N. 3	OFF	ON

SELECTIONS LAYOUT: 3

10 Small		1 Black coffee	2 Mocha	3 Chocomilk
11 Medium		4 Cafè latte	5 French vanilla	6 Chai tea
12 Large		7 Cappuccino	8 French vanilla exp.	9 Chai latte

DOSE TABLE

CODE DOSE	WATER DOSES		POWDER DOSES	
	dec.	cc	d.s.	gr.
AD4 add.black coffee small	230	334	0	0
AD5 add.black coffee med.	309	447	0	0
AD6 add.black coffee large	356	516	0	0
FV1 black coffee small	100	90	0	0
FV2 black coffee med.	115	90	0	0
FV3 black coffee large	200	135	0	0

WATER DOSIS SELECTION	
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SEL.	H₂O
black coffee	424/537/651 cc

SELEZ.	BASE INGREDIENT			2ND INGREDIENT			3RD INGREDIENT	
	WATER	POWD. 1	POWD. 2	WATER	POWD. 1	POWD. 2	WATER	POWD.
BLACK COFFEE	FV1/2/3	-	-	AD4/5/6	-	-	-	-

	DIP 3	DIP 4
LAYOUT N. 4	ON	ON

SELECTIONS LAYOUT: 4

10 Small		1 Black coffee	2 Mocha	3 Chocomilk
11 Medium		4 Cafè latte	5 French vanilla	6 Chai tea
12 Large		7 Cappuccino	8 French vanilla exp.	9 Hot water