

10.3 THERMIC CHARACTERISTICS

FUEL

(vedi MUM, § BURNER)		G20 Methane	G30 L.P.G
Lower calorific power	kJ/Nm³ kcal/Nm³	35.800 8.550	92.000 22.000
Density	kg/Nm³	0,718	2,017

MACHINE BURNER

BURNER	type	TT15/20
Rating thermal power capacity during use)	(maximum thermal	kW 30 kcal/h 26,000
Pressure		Pa 10 - 200 mmH ₂ O 1 - 20

MACHINE			TT 15/20	
Burner	BT			
Fuel			G20	G30
Model			BTG 3,6 G20-12	P BTG 3,6 G30-30 P
Brand			Baltur	
Type			Pressurized	
Omologation (90/396/CEE directive)			CE 0085 (90/396/CEE)	
Functioning			TWO STAGE	
Rating thermal capacity		kW	16,3 + 41,9	
Electrical supply *			AC1-230V 50Hz	
Rating electrical power		kW	0,11	
Short pipe			50+105	
Pressure regulator			incorporated	
Ramp fitting diameter			3/4"	3/4"
Minimum gas pressure at regulator infeed		Pa mbar	1.200 12	3.000 30
Head Penetration	P	mm	100	
Max. thermal capacity adjustment	F2	kW kcal/h	30 26.000	
Min. thermal capacity adjustment (to be adapted to the roasting desired)	F1	kW kcal/h	11 10.000	
Maximum gas consumption	G2	Nm³/h kg/h	3,0 2,2	1,2 2,4
Minimum gas consumption	G1	Nm³/h kg/h	1,1 0,8	0,4 0,9
Medium gas oil consumption	Gm	Nm³/h kg/h	2,4 1,7	0,9 1,9

AFTERBURNER (if supplied)

AFTERBURNER	type	BFT 15 S	BFT 15 H
Rating thermal power capacity during use)	(maximum thermal	kW 56 kcal/h 49.000	82 71.000
Pressure		Pa -25 ÷ +100 mmH ₂ O -2,5 ÷ +10	-25 ÷ +100 -2,5 ÷ +10
BURNER	BF per	BFT 15 S	BFT 15 H
Make		Baltur	Baltur
Type		Pressurized,	Pressurized
Omologation (90/396/CEE directive)		CE 0085	CE 0085
Functioning		two-stage	two-stage
Model		Sparkgas 6	Sparkgas 11 P
Rating thermal capacity	kW	30,6 ÷ 56,3	48,8 ÷ 99
Electrical supply *		AC1-230V 50Hz	AC1-230V 50Hz
Rating electrical power	kW	0,1	0,1
Short pipe		115+170	115+170
Pressure regulator		incorporated	incorporated
Head Penetration	P mm		
Max. thermal capacity adjustment	F2	kW 56 kcal/h 49.000	82 71.000
Min. thermal capacity adjustment (to be adapted to the roasting desired)	F1	kW 28 kcal/h 25.000	41 36.000
For gas		G20 G30	G20 G30
Maximum gas consumption	G2	Nm³/h 5,6 2,2 kg/h 4,0 4,4	8,3 3,2 5,9 6,5
Minimum gas consumption	G1	Nm³/h 2,8 1,1 kg/h 2,0 2,2	4,1 1,6 3,0 3,3
Medium gas oil consumption	Gm	Nm³/h 4,7 1,8 kg/h 3,4 3,7	6,9 2,7 5,0 5,4
Diametro attacco rampa		3/4" 1/2"	3/4" 3/4"
Minimum gas pressure at regulator infeed	Pa mbar	1.200 3.000 12 30	1.200 3.000 12 30