G-9 BURNER

Gas consumption Rate 1.2 kg/h

W_1=Weight of cylinder before Test 23.000 kg
W_2=Weight of cylinder after Test 22.770 kg
t_1=Cold temperature 23.2° C
t_2=Hot temperature 90.8° C
M'= Weight of vessel with pan, lid and stirrer 3.045 kg
M=Distilled water 16.5 kg
Vessel Dia 380 mm, height 205 mm

Equation $\frac{100\,[M+M'x0.214]x[t_2-t_1]}{[W_1-W_2]\times 10900}$

$$\frac{100\,[16.5+3.045x0.214]x[90.8-23.2]}{[\,23.0-22.77]x10900}$$

46.248%

G-10 BURNER

Gas consumption Rate 2.250 kg/h

W_1=Weight of cylinder before Test 22.685 kg
W_2=Weight of cylinder after Test 22.040 kg
t_1=Cold temperature 24.7° C
t_2=Hot temperature 90.5° C
M'= Weight of vessel with pan, lid and stirrer 4.920 kg
M=Distilled water 37 kg
Vessel Dia 495 mm, height 265 mm

Equation $\frac{100\,[M+M'x0.214]x[t_2-t_1]}{[W_1-W_2]\times 10900}$

$$\frac{100\,[37+4.920x0.214]x[90.5-24.7]}{[\,22.685-22.040]x10900}$$

35.61%

G-11 BURNER

Gas consumption Rate 2.5 kg/h

W_1=Weight of cylinder before Test 21.720 kg
W_2=Weight of cylinder after Test 21.080 kg
t_1=Cold temperature 25.9° C
t_2=Hot temperature 90.7° C
M'= Weight of vessel with pan, lid and stirrer 4.935 kg
M=Distilled water 37 kg
Vessel Dia 495 mm, height 265 mm

Equation $$\frac{100\,[M+M'x0.214]x[t_2-t_1]}{[W_1-W_2]\times 10900}$$

$$\frac{100\,[37+4.935x0.214]x[90.7-25.9]}{[\,21.720-21.080]x10900}$$

35.35%

BABY BOTTOM

Gas consumption Rate 0.364 kg/h

W_1=Weight of cylinder before Test 20.755 kg
W_2=Weight of cylinder after Test 20.575 kg
t_1=Cold temperature 23.6° C
t_2=Hot temperature 90.7° C
M'= Weight of vessel with pan, lid and stirrer 3.045 kg
M=Distilled water 16.5 kg
Vessel Dia 380 mm, height 205 mm

Equation $$\frac{100\,[M+M'x0.214]x[t_2-t_1]}{[W_1-W_2]\times 10900}$$

$$\frac{100\,[16.5+3.045x0.214]x[90.7-23.6]}{[\,20.755-20.575]x10900}$$

58.65%

ECO MINI BOTTOM

Gas consumption Rate 1.2 kg/h

W_1=Weight of cylinder before Test 22.035 kg
W_2=Weight of cylinder after Test 21.810 kg
t_1=Cold temperature 25.5° C
t_2=Hot temperature 91.2° C
M'= Weight of vessel with pan, lid and stirrer 3.045 kg
M=Distilled water 16.5 kg
Vessel Dia 380 mm, height 205 mm

Equation $\frac{100\,[M+M'x0.214]x[t_2-t_1]}{[W_1-W_2]\times 10900}$

$$\frac{100\,[16.5+3.045x0.214]x[91.2-25.5]}{[\,22.035-21.810]x10900}$$

45.947%

MINI BOTTOM

Gas consumption Rate 1.2 kg/h

W_1=Weight of cylinder before Test 21.030 kg
W_2=Weight of cylinder after Test 20.815 kg
t_1=Cold temperature 25.5° C
t_2=Hot temperature 90.9° C
M'= Weight of vessel with pan, lid and stirrer 3.045 kg
M=Distilled water 16.5 kg
Vessel Dia 380 mm, height 205 mm

Equation $$\frac{100\,[M+M'x0.214]x[t_2-t_1]}{[W_1-W_2]\times 10900}$$

$$\frac{100\,[16.5+3.045x0.214]x[90.9-25.5]}{[\,21.030-20.815]x10900}$$

47.86%