



FIG. 6 TEST SET-UP FOR THERMAL EFFICIENCY BY WEIGHT

Table 1 Aluminium Pans for Thermal Efficiency Test

(Clauses [25.2](#) and [F-1.2](#))

Sl No.	Gas Rate at STP 1/h	Pan Diameter (External) mm ± 5 percent	Pan Height (External) mm ± 5 percent	Total Pan Mass with LID g ± 10 percent	Mass of Water in Pan kg
(1)	(2)	(3)	(4)	(5)	(6)
i)	Up to 40	180	100	356	2.0
ii)	41 to 50	205	110	451	2.8
iii)	51 to 60	220	120	519	3.7
iv)	61 to 70	245	130	632	4.8
v)	71 to 80	260	140	750	6.1
vi)	81 to 95	285	155	853	7.7
vii)	96 to 107	295	165	920	9.4

NOTES

1 Distilled water (*see IS 1070*) shall be used for test.

2 The pan shall be cylindrical with flat bottom.

3 The finish of the pan bottom from inside shall always be bright.

4 Above 107 l/h, pans shall be specially constructed to conform, as far as possible, with the principles used in formulating this table.