

C707 CLIMAT extract flow rate - thermal convection method induction suite

No	Description	size	Power	Area	Coefficient	Flow Rate m³/s	
1	10kW slider (induction solid top)	0.3235m x 0.65m	10kW	0.21m²	0.2	0.042	
2	4kW French Plancha	0.506m x 0.356m	4kW	0.18m²	0.4	0.072	
3	4x Heavy duty 5kW hob (induction)	0.65m x 0.65m	20kW	0.423m²	0.2	0.085	
4	4kW French Plancha	0.506m x 0.356m	4kW	0.18m²	0.4	0.072	
5	Valentine EVO 2200 fryer	0.4m x 0.6m	15kW	0.24m²	0.45	0.108	
6	Salamander (CI-SAL-01)	0.6m x 0.55m		0.33m²	0.55	0.182	
7	Blueseal E31-D4 oven	0.81m x 0.616m	3kW	0.5m²	0.1	0.05	holding oven?
	worktop area - total	0.9m x 0.757m	n/a	0.68m²	0.03	0.02	
		theoretical extract volume required				0.631	
		canopy factor - wall open both end				x1.25	
		specific extract flow rate required				0.7879	