

Date	Project	Customer
07/04/2022	Ramada - Manchester	Acorn Catering Equipment

Canopy Reference	Drawing Reference
Main Extract Hood	Sky Bar



Multiple unit rule

Item	Quantity	Appliance	Equipment	Fuel	Co-Efficient	Surface temp	Width	Depth	Area	m3/s
1	1	BoilRoastSteam	OpenTopRangeAndOvens	Gas	0.4	190	900	785	0.7065	0.28
2	1	GrillingAndBroiling	ChromeGriddleOrPlancher	Gas	0.45	290	600	785	0.471	0.21
3	1	Frying	DeepFat	Gas	0.5	190	450	785	0.35325	0.18
4	1	GrillingAndBroiling	Salamander	Gas	0.75	260	600	500	0.3	0.23
5	1	SolidFuel	EnclosedCharcoalOven	SolidFuel	1.24	210	640	700	0.448	0.56
6	1	Miscellaneous	BenchesSpreadersOrWorktops	Electric	0.03	25	1500	785	1.1775	0.04
					0	0	900	900	0.81	0.00
					0	0	850	770	0.6545	0.00
Volume m3/s										1.49

*Open-top range and oven	x3	0.5
	4+	0.6
**Boiling table/Hob	x3	0.45
	4+	0.55
***Deep ft fryer	x3	0.6
	4+	0.75

Type	Open/Closed	Co-Efficient
Island	Open both ends	1.35

Total extract flow rate (m3/s)	2.01
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