

Proposed extraction specification 2

Qty	Description	Size	Co-efficiency	Total M3/s	Notes:
1	Gas 6 burner range & oven	900 x 800	0.5	0.36	Dimension subject to final site survey All dimensions are in millimeters with a fabrication tolerance of +/- 1mm Canopy to be fabricated in 304 food grade stainless steel with welded, formed and folded construction
1	Gas Tandoori Oven	800 x 800	0.5	0.32	
1	Gas Grill	800 x 700	0.95	0.53	
Extract volume required				1.21	
Canopy factor open both ends				1.23	
Total extraction flow rate M3/s				1.49	
Supply air required is 85% of extract rate M3/s				1.26	
Canopy dimensions L shaped 2570 x 2000 x 500/300					
Canopy weight: 175kg					
Extraction fan required: Model: Woods 50jm/20/4/6/32 Air flow rate: 2.61 M3/s		Supply fan required: Model: Woods 40jm/16/4/5/40 Air flow rate: 1.5 M3/s			
Odour Control: Spec sheets attached 1 x Velocity discharge cowl 1 x ESP2500 1 x OC2 Ozone unit		Silencer for extract fan: Elta Compact 068-500-DPC			

Proposed extraction specification 1

Qty	Description	Size	Co-efficiency	Total M3/s	Notes:
1	Gas 6 burner range & oven	900 x 800	0.5	0.36	Dimension subject to final site survey All dimensions are in millimeters with a fabrication tolerance of +/- 1mm Canopy to be fabricated in 304 food grade stainless steel with welded, formed and folded construction
1	Gas Kebab Machine	600 x 500	0.75	0.23	
1	Gas Fryer	600 x 600	0.60	0.22	
1	Electric Bain Marie	600 x 600	0.20	0.07	
1	Gas chargrill	800 x 600	0.95	0.45	
Extract volume required				1.33	
Canopy factor open both ends				1.23	
Total extraction flow rate M3/s				1.63	
Supply air required is 85% of extract rate M3/s				1.38	
Canopy dimensions 3350 x 1200 x 500 to rear 400 to front					
Canopy weight: 155kg					
Extraction fan required: Model: Woods 50jm/20/4/6/32 Air flow rate: 2.61 M3/s		Supply fan required: Model: Woods 40jm/16/4/5/40 Air flow rate: 1.5 M3/s		Gas Interlocking system: Merlin CT1250 Provides an interlock between the gas supply and the extraction system as per spec sheet.	
Odour Control: Spec sheets attached 1 x Velocity discharge cowl 1 x ESP2500 1 x OC2 Ozone unit		Silencer for extract fan: Elta Compact 068-500-DPC			



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Client:
Marlow & Mason

Project:
7 Project street

Area:
Extraction

Scale:
N/A

Project Date:
1/1/2020

Drawn by:
IA

Surveyed by:
IA & Client

Drawing No: N/A

This drawing is Intended for our client only and must not be reproduced or altered without our permission
DO NOT SCALE!

FOR APPROVAL

Electrical				Service Key			
	= Single Phase Isolator		= Switched Fused Spur		= Switched Cable Outlet Point		= Splash Proof Socket
	= Three Phase Isolator		= Outlet Box		= 240v Single Socket		= Commando Socket
	= Single Phase Fused Box		= Data Point		= 240v Twin Socket		= Extract Fan Speed Controller / Gas Interlock

Gas		Water		Drainage/Waste	
	= Gas Connection		= Cold Water Connection		= Waste Connection
			= Hot Water Connection		= Tundish Waste
			= Cold Softened Water Connection		= Floor Gully Waste