

EXTRACT FAN SCHEDULE								
PROJECT NAME:		9418 Pagham						
DOCUMENT REFERENCE:		(57) 003 Rev C						
SYSTEM:		Ventilation						
STATUS:		Construction						
ENGINEER:		KM						
Fan Ref	Fan location	Fan type	Duty		control	COMMENTS	No of fans	max SFP
			Air flow m3/s	Pressure drop Pa Extract				
EF G01	Plant Room	MEVDC - Multi Point Extract Fan	0.014	80	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF G02	ACC WC	MEVDC - R Multi Point Extract Fan	0.025	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF G03	Sluice	MEVDC - Multi Point Extract Fan	0.030	60	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF G04	Assisted Bath	MEVDC - R Multi Point Extract Fan	0.054	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF G05	Visitor WC	MEVDC - R Multi Point Extract Fan	0.025	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF G06	Lobby/Bar	MEVDC - Multi Point Extract Fan	0.060	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF G07	Assisted Bathroom	MEVDC - R Multi Point Extract Fan	0.054	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF G08	Sluice	MEVDC - Multi Point Extract Fan	0.030	60	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF G09	Staff Changing	MEVDC - Multi Point Extract Fan	0.060	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF G10	ACC WC	MEVDC - R Multi Point Extract Fan	0.025	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF G11	DSR	MEVDC - Multi Point Extract Fan	0.019	80	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF G12	DSR	MEVDC - Multi Point Extract Fan	0.019	80	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF G13	DSR	MEVDC - Multi Point Extract Fan	0.019	80	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF 101	ACC WC	MEVDC - R Multi Point Extract Fan	0.025	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF 102	Sluice	MEVDC - Multi Point Extract Fan	0.030	60	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF 103	Assisted Bath	MEVDC - R Multi Point Extract Fan	0.054	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF 104	ACC WC	MEVDC - R Multi Point Extract Fan	0.025	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF 105	DSR	MEVDC - Multi Point Extract Fan	0.021	80	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF 106	Store	MEVDC - Multi Point Extract Fan	0.021	80	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF 107	Sluice	MEVDC - Multi Point Extract Fan	0.030	60	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF 108	Assisted Bath	MEVDC - R Multi Point Extract Fan	0.054	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF 109	Staff Changing	MEVDC - Multi Point Extract Fan	0.060	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF 110	ACC WC	MEVDC - R Multi Point Extract Fan	0.025	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF 111	DSR	MEVDC - Multi Point Extract Fan	0.021	80	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF 201	Plant Room	MEVDC - Multi Point Extract Fan	0.014	80	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF 202	Sluice	MEVDC - Multi Point Extract Fan	0.030	60	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF 203	Assisted Bath	MEVDC - R Multi Point Extract Fan	0.054	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5

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EF 204	ACC WC	MEVDC - R Multi Point Extract Fan	0.025	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
EF 205	DSR	MEVDC - Multi Point Extract Fan	0.021	80	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF 206	DSR at Kitchen	MEVDC - Multi Point Extract Fan	0.021	80	continuous operation	Assumes louvre max pressure drop 25pa	1	0.5
EF 207	Kitchen WC	MEVDC - R Multi Point Extract Fan	0.025	60	light switch operation, with run on timer	Assumes louvre max pressure drop 25pa	1	0.5
KEF 01	Roof level	NVU500-4F8	1.6	300	Interlink supply fan with inverter for speed control. Inverter type FU 22-16	Vertical up blast (Dual Purpose) roof composite mounted extract fan, suitable for continuous operation up to a maximum temperature of 200°C & once off emergency extract 400°C for a maximum period of 2 hours. The unit features standard Class F, IP55 motor situated outside of the airstream and pre-wired IP55 lockable isolator fitted as standard. Case fabrication is from seawater-resistant aluminium with integrated grease pan and drain suitable for kitchen extract applications. The range is independently tested and certified to EN 12101-3:2015 for emergency extract and compliant with efficiency directive 327/2011 within the EU when operated via a frequency inverter. Where fans are connected to frequency inverter controls the electrical supply to the fan must bypass the inverter under fire conditions.	1	1

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