

Installation Services

Company :	Clearwater Swimming Pools Ltd	15/01/15
Project Title / Ref:	11 Rosslyn Hill	D7163

System Specified:

Model :	XF	EC	3000	Super	Plus
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- Mains Electricity:** - 3Phase not normally available for this model
1 ph - Neutral - Earth 230v / 50Hz protected supply
- Supply rating: - Single phase: 3 Amps
- F.L. Running current: - Single phase: 3 Amps
- Protection required: - RCD (30mA) / Short circuit (MCB) / local Isolator switch
- Other wiring available: - Volt free switch contact to request LTHW demand

- Air Flow Rating:**
- Supply / Return Air Flow: 2,000 m³/Hr
Max. External Res: 150 Pa
- Exhaust / Fresh Air Flow: 1,400 m³/Hr
Max. External Res: 50 Pa

Linear Sound Power

Lw dB:	Frequency Hz	Return Ai	Supply Air	Fresh Air	Exhaust /
	63	67.9	65.1	65.6	67.7
	125	69.1	66.2	66.2	69.5
	250	66.9	64.1	63.8	67.7
	500	67.9	65.1	64.5	69.1
	###	65.1	62.3	61.7	66.3
	###	66.9	64.1	63.4	68.1
	###	64.3	61.5	60.9	65.3
	###	55.4	52.6	52.4	56.0

Condensate Water Drain:

- Max. rate of flow: 7.6 L/Hr
Pipe connection: 22 mm PVC / compression
Trapping required: 100 mm Minimum height 'P' trap

L.T.H.W. Supply

- (From Fuel Boiler)
- Rated Flow / Rtn temp: (Closed circuit Flow/return) 70/50 oC
Supply output rating: 20 kW 67,000 BTUs
Flow rate required: 0.24 L/Sec @ 9 kPa Internal Res.
Pump size for flow: (Or equivalent duty model) UPS 15-60
Connection size / type: 28 mm Copper / Compression
Other requirements: **Automatic by-pass valve.**

Pool water supply:

- Connection size / type: 1.5 inch PVC / Couplers on balanced by-pass.
Flow rate required: 1.5 L/Sec @ 0.4 kPa Internal Res.

Refridgerant Data: None

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