

Heatstar Project Ref: P6281 10-Nov-2016
Project Title: Treyford

System specified : Andromeda 1000 Super Plus

Electricity:

Supply type : 1 ph-Neutral-Earth 230v 50Hz Protected supply.
 Supply rating : Single phase 25 Amps.
 F.L. Running current : Single phase 10 Amps.
 Protection required : RCD (30mA) / Short circuit (MCB) / local isolator switch.
 Other wiring available : Volt free switch contact to request LTHW demand.

Air Movement:

Air Flow Rating: Return/Supply to Room: 1,500 M³/Hr.
 Max. External Res.: 150 Pa
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Sound Data:

Linear Sound Power <i>Lw dB :</i>	Frequency Hz	Return air	Supply air
	63	68.3	65.5
	125	66.8	64.0
	250	67.3	64.5
	500	66.0	63.2
	1000	65.8	63.0
	2000	64.9	62.1
	4000	59.3	56.5
	8000	49.7	46.9

Condensate Water Drain:

Max. rate of flow : 2.3 L/Hr.
 Pipe connection : 22 mm PVC / compression with 100mm 'P' trap air lock

L.T.H.W. Supply: (From Fuel Boiler)

Rated Flow / Rtn temp : (Closed circuit Flow/return) 70 / 50 °C
 Supply output rating : 14 kW Inc. demand during initial warm-up
 Flow rate required : 0.16 L/Sec @ 6.0 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.

Refrigerant Data : 1.3 kG of R407C : Hermetically sealed.