

Equipment Data Sheet Packaged Rainwater Harvesting Tank

Job Title:	Camden Town Hall			Job Number:	261250
Job Stage:	Stage 4	Status:	Stage 4	Made by:	AD
Revision:	00	Date:	27/09/2019	Checked by:	DH
Revision Description:					

General Information

Number Required Location System

Туре

1
Rainwater tank plantroom B.06
Packaged rainwater harvesting tank for greywater top up (RWH/B1/01)
GRP tank with built-in booster & filter

Suggested Supplier

and approved) Contact Name Telephone Number

Aquality Christopher James (44) 020 8991 3725

Performance Data Actual Capacity

Required	Offered	_
3000		litres

Construction Data

Arrangement Type of Construction

Construction Standard Tank Material

Tank Dimensional Data

Overall Length Overall Width Overall Height Diameter Inlet Connection Size Outlet Connection Size Overflow Size Warning Pipe Size Vent Pipe Size Drain Outlet

Externally flanged
Factory manufactured GRP
insulated panels erected at
site
BS 7491 part 3
GRP (insulated)

	-
2230	mm
995	mm
1650	mm
N/A	mm
100	mm
50	mm
100	mm
50	mm
100	mm
MS	mm

Booster Set Electrical Data

	Required	Offered	-
Electrical Supply	400		V/Ø
Electrical Frequency	50		Hz
Set Load	1.1		kW
Starting Current	3		А
Running Current	3		А
Power Source	Three phase	e	
Normal Feed	N		
Essential Feed	Y	,	



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Controls	Requ	ired		
High Level Alarm Switch	Yes ✓	No		
Mid Level Alarm Switch		\checkmark		
Low Level Alarm Switch	\checkmark			
Pump 1 Start Switch		\checkmark		
Pump 2 Start Switch		\checkmark		
BMS Links	\checkmark			
Pump Panel Links				
BMS Links				
Common Alarm Volt Free Contact	ct 🖌			

Options	Required		
Ball Valve Housing	Yes	No ✓	
Internal Ladder		\checkmark	
External Ladder		\checkmark	
Immersion Heaters		\checkmark	
Sealed Heavy Duty Lid	\checkmark		
Sealed Light Duty Lid		\checkmark	
Access Hatch	\checkmark		
Structural Internal Division		\checkmark	
Contents Gauge	\checkmark		
Overflow Screening	\checkmark		
Warning Pipe Screening	\checkmark		
Factory Insulation	\checkmark		
Site Insulation		\checkmark	
Locked turret manhole covers		\checkmark	

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Additional Information

Comments

1	All inputs/outputs to be wired to numbered terminals	
	within the control panel.	
_		
2	All alarm volt free contacts shall be fail safe. Contacts	
	shall be normally open, closed when healthy, open	
	on alarm or loss of power.	
3	All volt free contacts to be rated at 3A inductive at	
	230 VAC.	
4	Power supply and control cables that are not part of the	
	package are to be provided by the electrical / controls	
	engineer.	
5	Rainwater filter IF2 to be installed as in the packaged system	
	specified by the manufacturer.	
6	This equipment is to be installed as part of a packaged	
	combined greywater & rainwater recycling plant and to top up	
	GWR/B1/01.	