

System



Sun-Sub

Sun-Ray SRX
FloatingSun-Ray SRX
Surface

Sun-Down



Filtration Pump



SB5

System Properties

Country: United Kingdom

City: PENZANCE

Lift From Surface: 3 [m]

Standing Water Level: 10 [m]

Draw Down Level: 20 [m]

Water Temperature: 25 [deg C]

Pump Setting: 45 [m]

Motor Cable Length: 50 [m]

Motor Cable Size: 2.5 [mm²]

Pipe Length: 40 [m]

Pipe Size: 32mm Metric Class 12.5

Array Type: Tracking

Array Size: 300 Wats

Array Tilt Angle: 50 [Degrees]

Monthly Tilt Adjust: No

Max. % Flow: 100 %

Flow Req Type: Manual

Required Flow: 17 [m³/day]

Lock Selected Pump:

Calculate

Add Parts

Diagram Default Daily Map

Performance at 1000 W/m²

Month	m ³ /day	kWh/m ²	Flow [L/min]	Friction Head [m]	Total Head [m]	Pump Speed	Cable Loss	System Efficiency	Motor Voltage [V]
January	2.5	0.6							
February	6.5	1.4							
March	10.3	2.6							
April	15.1	4.2							
May	16.1	4.9							
June (MAX)	17.8	5.6							
July	15.3	4.8							
August	13.2	4							
September	10.4	2.9							
October	7.6	1.7							
November	4.7	0.9							
December (MIN)	2.2	0.5							
Average	10.2	2.3							

MPRT Size	Series 1000 SMC
Pump Size	SM041
Motor Size	Series 1000
Drive Ratio	1.0
System Part No	Custom3

Average Monthly Flow

