

or Data

2010115A

bi

	3.732	m ²	40.17	ft ²
Flow	22.2	ml/s-m ²		
per collector	82.8504	m ³ /s		
intercept	0.752			
re	-4.023	W/m ² -C		
Modifier slope	-0.17			

G sub T (W/m ²)	Water Draw (gpm)	Water Draw (m ³ /s)	Tank Temperature at start of 5 minute period (C)	Useful Gain (J)	Load (J)	Losses to Ambient (J)	Tank Temperatuer at end of 5 minute period	Energy striking collector	panel efficiency	Tank Temp (F)
56	0	0	52	0	0	29700	52.0	63,131	0.00	126
72	0	0	52.0	0	0	29678.67	52.0	80,059	0.00	126
87	0	0	52.0	0	0	29657.36	51.9	96,980	0.00	126
102	0	0	51.9	0	0	29636.06	51.9	113,884	0.00	125
117	0	0	51.9	0	0	29614.77	51.9	130,764	0.00	125
132	0.5	3.155E-05	51.9	0	1444359	29593.5	50.7	147,612	0.00	125
147	0.5	3.155E-05	50.7	0	1398298	28534.95	49.6	164,420	0.00	123
162	0.5	3.155E-05	49.6	0	1353710	27510.24	48.5	181,180	0.00	121
177	0	0	48.5	0	0	26518.29	48.4	197,883	0.00	119