

Cooling Tower Water Usage

The figures below are calculated for all non-adsorption cooling tower systems with a 10° F temperature drop across the tower.

Cycles of Concentration	Evaporation Rate	Bleed-off and Losses	Total Make-Up
1.5	180	360	540
2	180	180	360
2.5	180	120	300
3	180	90	270
3.5	180	72	252
4	180	60	240
4.5	180	51	231
5	180	45	225
6	180	36	216
7	180	30	210
8	180	26	206

9	180	22	202
10	180	20	200
12	180	16	196
14	180	14	194
16	180	12	192
18	180	10	190
20	180	9	189