

Circulating water flow rates (gpm) at different temperature conditions for different models of CF3 towers as per C1 standard STD-201RS for single cell unit

STD-201RS Table 3a - IP Units - Cooling Towers (CT)

Condition Reference #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49		
Model Number	187	242	279	150	218	206	266	306	162	67	62	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67			
Wet Bulb °F	50	50	50	50	50	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55			
Range °F	10	10	10	15	15	10	10	10	15	10	10	10	10	10	15	15	10	10	10	15	10	10	15	15	10	10	15	10	10	15	10	10	10	10	15	10	10	15	10	10	10	10	10	15	10	10	10	10	10	10	10
Approach °F	7	10	12	7	12	7	10	12	7	10	12	7	10	12	7	10	12	7	10	12	7	10	12	7	10	12	7	10	12	7	10	12	7	10	12	7	10	12	7	10	12	7	10	12	7	10	12	7	10	12	
Inlet Water Temperature °F	67	70	72	77	77	72	75	77	77	82	82	82	82	82	87	87	82	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87		
Outlet Water Temperature °F	57	60	62	57	62	65	67	62	65	67	62	67	67	67	67	72	72	75	77	72	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	

Note: In case of multi-cell models with standard air inlet heights, the above flow rates will be multiplied by a correction factor of 0.97 when the number of air inlet openings per cell is 3 and multiplied by 0.95 when the number of air inlet openings per cell is 2 for same temperature conditions.