Polairis - PLF2 Closed Circuit Cooling Tower Performance at Standard Conditions

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
Wet Bulb °C	10	10	10	10	10	13	13	13	13	13	16	16	16	16	16	18	18	18	18	18	21	21	21	21	21	24	24	24	24	24	27	27	27	27	27	29	29	29	29	29	32.2	32.2	32.2	32.2	32.2	21	25.56	27	28
Range °C	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	5	6.67	5	5
Approach °C	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	6	6.67	5	4
Inlet Water Temperature °C	20	22	23	25	24	23	25	26	28	27	26	28	29	31	30	28	30	31	33	32	31	33	34	36	35	34	36	37	39	38	37	39	40	42	41	39	41	42	44	43	42.2	44.2	45.2	47.2	46.2	32	38.9	37	37
Outlet Water Temperature °C	14	16	17	18	16	17	19	20	21	19	20	22	23	24	22	22	24	25	26	24	25	27	28	29	27	28	30	31	32	30	31	33	34	35	33	33	35	36	37	35	36.2	38.2	39.2	40.2	38.2	27	32.2	32	32
Model Capacity (l/s)																									**l/s**																									
PLF2 0403E-2D2AT-H																																	0.2	0.1				0.6	0.5			0.5	1.1	1.1					
PLF2 0403E-3D2AT-H																																	0.3	0.2				0.8	0.7			0.7	1.5	1.5					
PLF2 0403E-4D2AT-H																																	0.3	0.2				0.9	0.8			0.7	1.7	1.7					
PLF2 0403E-5D2AT-H																																	0.3	0.2				1.1	1.0			1.0	2.2	2.1					
PLF2 0403E-6D2AT-H	1.1	1.7	2.0	2.0	1.2	1.2	1.9	2.3	2.3	1.4	1.4	2.2	2.6	2.6	1.6	1.5	2.3	2.8	2.8	1.7	1.7	2.6	3.1	3.1	2.0	1.9	3.0	3.5	3.5	2.2	2.1	3.4	4.0	4.0	2.5	2.3	3.6	4.3	4.3	2.8	2.7	4.1	4.9	4.9	3.2	3.2	3.2	3.3	2.7
PLF2 0406E-2D2AS-K																																	0.9	0.8			0.4	1.5	1.4			1.3	2.5	2.5					
PLF2 0406E-2D2AT-K																																	1.0	0.9			0.3	1.7	1.7			1.4	2.9	3.0					
PLF2 0406E-3D2AS-K													0.5	0.5			0.1	1.1	1.1			0.9	2.0	1.9			1.7	2.8	2.8	0.1	0.3	2.6	3.8	3.8	0.9	0.8	3.2	4.4	4.4	1.5	1.7	4.2	5.5	5.5	2.4	2.0	2.2	2.5	1.5
PLF2 0406E-3D2AT-K													0.5	0.5				1.2	1.2			1.0	2.3	2.3			2.0	3.5	3.5	0.0	0.2	3.2	4.6	4.7	1.1	0.9	3.9	5.4	5.5	1.8	2.1	5.2	6.8	6.8	2.9	2.4	2.7	3.0	1.7
PLF2 0406E-4D2AS-K			0.5	0.7			0.3	1.2	1.4			1.0	2.1	2.2			1.5	2.6	2.8	0.2		2.4	3.6	3.7	0.9	0.8	3.3	4.5	4.6	1.7	1.6	4.2	5.5	5.6	2.5	2.1	4.8	6.1	6.2	3.1	3.1	5.8	7.2	7.3	4.0	3.5	3.9	4.0	2.9
PLF2 0406E-4D2AT-K													0.3	0.3				1.2	1.2			0.9	2.5	2.6			2.2	3.9	4.0		0.1	3.6	5.3	5.4	1.1	1.0	4.5	6.3	6.3	2.0	2.4	6.0	7.8	7.8	3.4	2.6	3.1	3.4	1.9
PLF2 0406E-5D2AS-K		0.9	1.8	1.9			1.6	2.6	2.6	0.4	0.3	2.3	3.4	3.4	1.0	0.7	2.8	3.9	4.0	1.5	1.4	3.6	4.8	4.8	2.1	2.1	4.5	5.7	5.8	2.9	2.8	5.4	6.7	6.8	3.7	3.4	6.0	7.4	7.5	4.2	4.3	7.1	8.6	8.7	5.2	4.8	5.1	5.2	4.1
PLF2 0406E-5D2AT-K													0.4	0.4				1.3	1.3			0.9	2.7	2.7			2.4	4.2	4.2		0.1	3.8	5.7	5.7	1.0	1.0	4.8	6.7	6.7	1.9	2.5	6.4	8.3	8.3	3.4	2.8	3.2	3.7	2.1
PLF2 0406E-6D2AS-K		0.9	2.1	2.2			1.9	3.1	3.2	0.2	0.3	2.9	4.1	4.2	1.1	0.8	3.5	4.8	4.8	1.8	1.7	4.5	5.8	5.8	2.7	2.5	5.4	6.8	6.9	3.6	3.4	6.4	7.9	8.0	4.5	4.0	7.1	8.6	8.7	5.2	5.0	8.3	9.9	9.9	6.2	5.7	6.1	6.2	4.7
PLF2 0406E-6D2AT-K													0.7	0.8				1.6	1.7			1.3	3.1	3.1			2.7	4.6	4.6		0.2	4.2	6.2	6.1	1.2	1.1	5.2	7.2	7.2	2.1	2.6	6.9	9.0	8.9	3.6	3.2	3.6	4.0	2.2
PLF2 0409E-2D2AS-L														0.0				0.8	0.8			0.6	2.0	2.0			1.7	3.2	3.2			2.8	4.3	4.3	0.5	0.4	3.5	5.0	5.1	1.2	1.5	4.6	6.2	6.2	2.3	2.1	2.4	2.7	1.4
PLF2 0409E-3D2AS-L		0.1	1.4	1.4			1.2	2.5	2.6			2.3	3.6	3.7	0.3	0.1	3.0	4.3	4.4	1.0	1.0	4.0	5.4	5.5	2.0	1.9	5.0	6.5	6.5	3.0	2.8	6.0	7.6	7.6	3.9	3.3	6.7	8.3	8.4	4.5	4.3	7.9	9.6	9.7	5.5	5.4	5.7	5.7	4.2
PLF2 0409E-4D2AS-L	0.5	2.7	3.8	3.8	1.2	1.2	3.5	4.7	4.7	1.9	1.9	4.4	5.7	5.7	2.7	2.4	5.0	6.4	6.4	3.2	3.1	6.0	7.5	7.5	4.0	3.9	7.0	8.6	8.6	4.9	4.8	8.1	9.8	9.8	5.8	5.4	8.9	10.6	10.6	6.4	6.4	10.2	12.1	12.0	7.4	7.5	7.7	7.9	6.3
PLF2 0409E-5D2AS-L	1.3	3.7	4.9	5.0	2.1	2.0	4.6	5.9	6.0	2.9	2.8	5.6	7.0	7.0	3.8	3.3	6.3	7.7	7.8	4.3	4.2	7.3	8.9	9.0	5.3	5.1	8.5	10.2	10.2	6.2	6.0	9.7	11.6	11.6	7.3	6.7	10.6	12.6	12.6	8.0	7.9	12.1	14.2	14.3	9.3	8.9	9.3	9.4	7.7
PLF2 0409E-6D2AS-L	2.3	4.7	6.0	6.0	3.1	3.0	5.6	6.9	7.0	3.8	3.7	6.6	8.0	8.1	4.7	4.2	7.3	8.8	8.9	5.3	5.1	8.4	10.1	10.1	6.2	6.0	9.6	11.4	11.5	7.3	7.0	10.9	12.9	13.0	8.4	7.7	11.9	14.0	14.1	9.2	8.9	13.5	15.8	15.9	10.5	10.0	10.5	10.6	8.7
PLF2 0409E-7D2AS-L	2.7	5.3	6.6	6.7	3.6	3.5	6.3	7.7	7.7	4.4	4.3	7.3	8.8	8.9	5.3	4.9	8.1	9.7	9.7	6.0	5.8	9.2	11.0	11.1	7.0	6.8	10.5	12.4	12.5	8.1	7.8	11.9	14.0	14.1	9.3	8.6	12.9	15.2	15.2	10.2	9.9	14.7	17.1	17.2	11.6	11.0	11.5	11.5	9.6
PLF2 0512E-2D2AS-M			1.4	1.6			1.0	2.6	2.8			2.2	3.9	4.1	0.1		3.1	4.8	5.0	0.8	0.6	4.4	6.2	6.3	1.9	1.7	5.7	7.7	7.7	3.0	2.9	7.1	9.1	9.2	4.2	3.7	8.0	10.2	10.2	5.0	5.0	9.6	11.8	11.8	6.3	6.3	6.5	6.8	4.9
PLF2 0512E-3D2AS-M	0.4	3.5	5.1	5.2	1.5	1.3	4.6	6.4	6.4	2.5	2.2	5.9	7.7	7.8	3.5	2.9	6.7	8.7	8.7	4.3	4.0	8.1	10.1	10.2	5.4	5.1	9.5	11.7	11.8	6.7	6.3	11.0	13.4	13.5	8.0	7.2	12.1	14.6	14.7	8.9	8.6	14.0	16.7	16.8	10.4	10.1	10.5	10.6	8.4
PLF2 0512E-4D2AS-M	2.2	5.5	7.2	7.3	3.3	3.1	6.7	8.5	8.6	4.4	4.1	8.0	10.0	10.0	5.5	4.8	8.9	11.0	11.1	6.3	5.9	10.4	12.6	12.7	7.5	7.1	12.0	14.4	14.4	8.9	8.4	13.6	16.2	16.3	10.2	9.3	14.7	17.5	17.5	11.2	10.7	16.6	19.7	19.7	12.7	12.6	13.0	13.1	10.6
PLF2 0512E-5D2AS-M	3.4	6.9	8.7	8.8	4.6	4.3	8.1	10.0	10.1	5.7	5.3	9.5	11.5	11.7	6.8	6.1	10.4	12.6	12.7	7.7	7.2	11.9	14.3	14.5	9.0	8.5	13.6	16.2	16.3	10.4	9.9	15.4	18.2	18.4	11.9	11.0	16.7	19.7	19.8	13.0	12.9	19.2	22.5	22.5	14.9	14.2	14.8	14.9	12.4
PLF2 0512E-6D2AS-M	4.3	8.0	9.8	9.9	5.6	5.3	9.3	11.3	11.4	6.7	6.4	10.7	12.9	13.0	7.9	7.2	11.8	14.1	14.2	8.8	8.4	13.4	15.9	16.0	10.2	9.8	15.2	18.0	18.1	11.8	11.3	17.2	20.2	20.3	13.4	12.3	18.6	21.8	21.9	14.6	14.1	21.0	24.4	24.6	16.6	15.9	16.5	16.7	13.8
PLF2 0512E-7D2AS-M	5.1	8.9	10.8	10.9	6.4	6.1	10.3	12.4	12.5	7.6	7.3	11.8	14.0	14.1	8.9	8.1	12.9	15.3	15.4	9.8	9.4	14.6	17.2	17.4	11.3	10.8	16.5	19.4	19.6	12.9	12.4	18.7	21.8	22.0	14.7	13.6	20.2	23.5	23.7	16.0	15.6	22.8	26.6	26.8	18.1	17.2	17.9	18.1	15.1