

Dimensional characteristics of wind effects on the performance of a solar collector system with vertically arranged heat exchanger bundles

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Flow and heat transfer characteristics of indirect dry cooling system with horizontal heat exchanger A-frames at ambient winds. <i>International Journal of Thermal Sciences</i> , 2014, 79, 161-175.	4.9	30
2	Distribution optimization of circulating water in air-cooled heat exchangers for a typical indirect dry cooling system on the basis of entransy dissipation. <i>Science China Technological Sciences</i> , 2015, 58, 617-629.	4.0	9
3	Effect mechanism of air deflectors on the cooling performance of dry cooling tower with vertical delta radiators under crosswind. <i>Energy Conversion and Management</i> , 2015, 93, 321-331.	9.2	72
4	Effects of ambient temperature and crosswind on thermo-flow performance of the tower under energy balance of the indirect dry cooling system. <i>Applied Thermal Engineering</i> , 2015, 78, 90-100.	6.0	65
5	Influences of height to diameter ratios of dry-cooling tower upon thermo-flow characteristics of indirect dry cooling system. <i>International Journal of Thermal Sciences</i> , 2015, 94, 178-192.	4.9	50
6	Numerical study on the cooling performance of natural draft dry cooling tower with vertical delta radiators under constant heat load. <i>Applied Energy</i> , 2015, 149, 225-237.	10.1	94
7	A new theoretical method for predicating the part-load performance of natural draft dry cooling towers. <i>Applied Thermal Engineering</i> , 2015, 91, 1106-1115.	6.0	29
8	Numerical study on the cooling performance of dry cooling tower with vertical two-pass column radiators under crosswind. <i>Applied Thermal Engineering</i> , 2015, 75, 1106-1117.	6.0	84
9	Triangularly arranged heat exchanger bundles to restrain wind effects on natural draft dry cooling system. <i>Applied Thermal Engineering</i> , 2016, 99, 313-324.	6.0	18
10	Simulation of the UQ Gatton natural draft dry cooling tower. <i>Applied Thermal Engineering</i> , 2016, 105, 1013-1020.	6.0	26
11	Adoption of enclosure and windbreaks to prevent the degradation of the cooling performance for a natural draft dry cooling tower under crosswind conditions. <i>Energy</i> , 2016, 116, 1360-1369.	8.8	44
12	Anti-freezing water flow rates of various sectors for natural draft dry cooling system under wind conditions. <i>International Journal of Heat and Mass Transfer</i> , 2016, 102, 186-200.	4.8	24
13	Anti-freezing of air-cooled heat exchanger by air flow control of louvers in power plants. <i>Applied Thermal Engineering</i> , 2016, 106, 537-550.	6.0	33
14	Performance improvement of natural draft dry cooling system by interior and exterior windbreaker configurations. <i>International Journal of Heat and Mass Transfer</i> , 2016, 96, 42-63.	4.8	69
15	Analysis of windbreaker combinations on steam power plant natural draft dry cooling towers. <i>Applied Thermal Engineering</i> , 2016, 99, 550-559.	6.0	28
16	Impacts of tower spacing on thermo-flow characteristics of natural draft dry cooling system. <i>International Journal of Thermal Sciences</i> , 2016, 102, 168-184.	4.9	15
17	The cooling performance of a natural draft dry cooling tower under crosswind and an enclosure approach to cooling efficiency enhancement. <i>Applied Energy</i> , 2017, 186, 336-346.	10.1	80
18	Performance improvement of natural draft dry cooling system by water flow distribution under crosswinds. <i>International Journal of Heat and Mass Transfer</i> , 2017, 108, 1924-1940.	4.8	31

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19	Flue gas diffusion for integrated dry-cooling tower and stack system in power plants. International Journal of Thermal Sciences, 2017, 114, 257-270.	4.9	24
20	Thermo-flow characteristics of indirect dry cooling system with elliptically arranged heat exchanger bundles around a traditional circular cooling tower. Applied Thermal Engineering, 2017, 121, 419-430.	6.0	8
21	Performance of natural draft hybrid cooling system of large scale steam turbine generator unit. Applied Thermal Engineering, 2017, 122, 227-244.	6.0	21
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