

## ▶ Temperature reduce

### Temperature decrease of evaporative air cooler

Intake air °C	Exit air °C	Intake air Relative humidity(%)								
		10%	20%	30%	40%	50%	60%	70%	80%	90%
10		3.2	4.0	4.8	56.6	6.4	7.2	8.0	8.6	9.4
15		6.6	7.8	8.8	9.8	10.8	11.8	12.6	13.4	14.3
20		10.1	11.4	12.8	13.9	15.2	16.2	17.2	18.2	19.2
25		13.4	15.0	16.6	18.0	19.4	20.6	21.8	22.9	24.0
30		16.6	18.6	20.4	22.0	23.6	25.0	26.4	27.7	28.9
35		19.8	22.2	24.2	26.2	28.0	29.6	31.0	32.4	33.7
40		23.0	25.6	28.1	30.4	32.3	33.9			
45		25.9	29.2	32.0	34.4					
50		29.0	32.7	35.8						

### APPLICATIONS OF EVAPORATIVE COOLERS



Church



Coffee Shop



Computer Shop



Factory



Farm



Fastfood



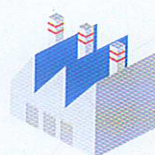
Grocery



Gym



Hospital



Industrial



Hotel



Home

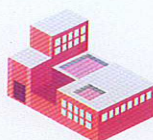
House



Kitchen



Laundry Shop



School



Shopping Mall



Showroom



Warehouse