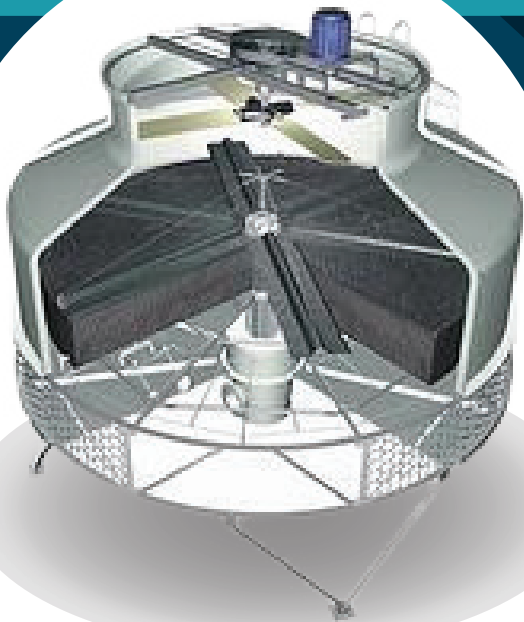


Evaporative Cooling Tower

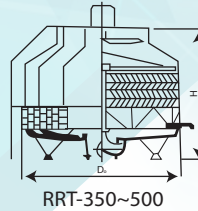
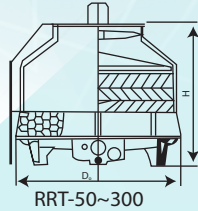
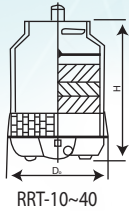


SPECIFICATIONS OF COUNTER FLOW BOTTLE TYPE COOLING TOWER



RENOVATE COOLING TOWER
Stay Cooling, Be Smart www.renovate.net

TECHNICAL SPECIFICATIONS OF COUNTER FLOW BOTTLE TYPE COOLING TOWER



Design Condition
 Water flow rate=390m³/h
 T_{in}=37°C
 T_{out}=32°C
 WBT=29° C
 IRT=3900 Kcal/hour

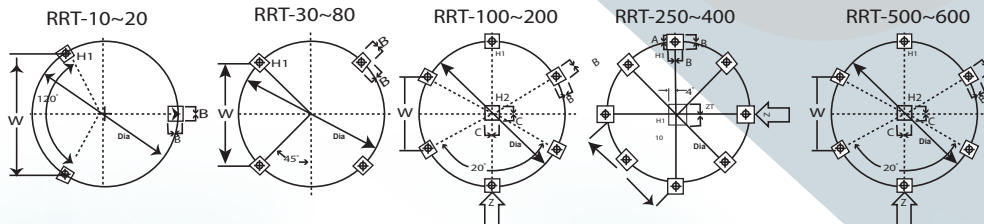
Dimension & Technical Information

Model	Water Flow Rate (m ³ /h)	Tower Dimension (mm)		Motor (kw)	Fan Diameter (mm)	Air flow Rate (m ³ /h)	Weight		Head Loss (KPa)	Pump Head (m)
		Diameter	Height				Dry	Operating		
RRT - 10	7	1050	1625	0.18	500	5100	55	137	20	1.5
RRT - 20	15	1200	1605	0.37	600	10800	102	260	20	1.7
RRT - 30	23	1615	1800	0.75	900	14400	150	355	20	1.8
RRT - 40	31	1615	1885	0.75		17400	165	405	20	2
RRT - 50	39	1780	2070	1.1	900	19800	200	500	25	2
RRT - 60	47	1780	2222	1.5	800	25200	250	560	25	2
RRT - 70	47	2100	2440	1.5	1200	25200	250	560	25	2
RRT - 80	62	2100	2440	1.5	1200	27000	430	790	25	2
RRT - 100	78	2740	2535	4	1470	42000	510	1340	30	2.5
RRT - 125	97	2740	2535	4	1470	49000	620	1480	30	2.5
RRT - 150	117	3320	2580	4	1800	57000	780	1860	30	3
RRT - 175	135	3320	2580	4	1800	69000	870	1950	30	3.2
RRT - 200	156	3320	3010	4	1800	75000	1330	3035	30	3.2
RRT - 225	175	3320	3010	5.5	2400	88440	1330	3035	30	3.6
RRT - 250	195	3800	3460	5.5	2400	105000	1475	3180	30	3.6
RRT - 300	234	4400	3460	5.5	2400	132000	7550	3460	30	3.6
RRT - 350	273	4740	3780	5.5	3000	132000	1865	3870	40	3.6
RRT - 400	312	4740	3780	7.5	3000	158000	2120	4125	40	4
RRT - 500	390	5500	4050	7.5	3000	158000	2550	7125	40	4
RRT - 600	468	5500	4050	7.5	3000	158000	2550	7125	40	4

Specification of Piping Connection

RRT	10	20	30	40	50	60	80	100	125	150	176	200	225	250	300	350	400	500	600
Inlet	40	50	80	80	80	80	100	125	125	150	150	150	200	200	200	200	200	250	250
Outlet	40	50	80	80		80	100	125	125	150	150	150	200	200	200	200	200	250	250
Overflow	25		25	25	25	25	40	40	40	40	40	50			80	80	85	100	100
Drain	25	25	25			25	25	40	40	40	40	40	40	40	45	40	45	80	80
Float valve	15	15	15	15	20	20	20	20	20	20	20	25			25	25	25	50	50
Makeup	-	-	-	-	-	-	-	20	20	20	20		25	25	25	25	25	50	50

Foundation Details



In mm	RRT 10	RRT 20	RRT 30	RRT 40	RRT 50	RRT 60	RRT 80	RRT 100	RRT 125	RRT 150	RRT 175	RRT 200	RRT 225	RRT 250	RRT 300	RRT 350	RRT 400	RRT 500	RRT 600
W	580	811	925	925	931	931	1135	1360	1360	2260	1400	1400	1255	1255	1255	1760	1760	2680	2680
B	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
C			300	300	300	300	400	400	400	580	580	580	3725	3725	3725	600	600	600	600
H	300	300	400	400	400	400	300	300	300	300	300	300	300	300	300	300	300	300	300
Dia	670	937	1308	1308	1317	1317	1605	1923	1923	2336	2799	2799	3280	3280	3280	4600	4600	5359	5359