

Evaporative Cooling Tower

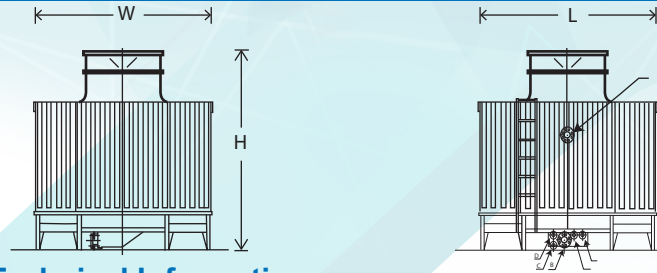


SPECIFICATIONS OF COUNTER FLOW SQUARE TYPE COOLING TOWER



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

TECHNICAL SPECIFICATIONS OF COUNTER FLOW SQUARE 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

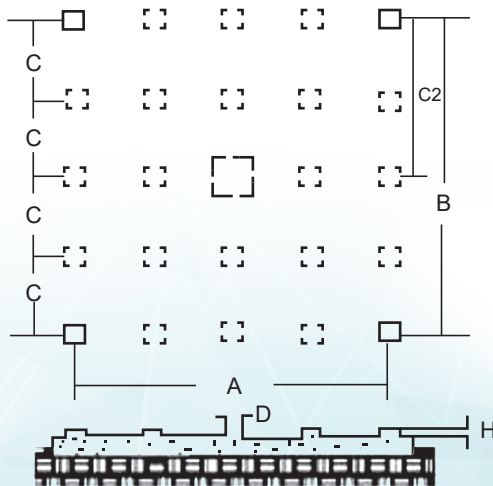
Dimension & Technical Information

Model	Water Flow Rate (m ³ /h)	Tower Dimension (mm)			Motor (Kw)	Fan Diameter (mm)	Air Flow Rate (m ³ /h)	Weight		Pump Head (m)
		Length	Width	Height				Dry	Wet	
RRTS-40	39	1600	1600	3080	1.5	900	20220	426	818	2.9
RRTS-50	47	1600	1600	3080	1.5	900	20220	426	819	2.9
RRTS-60	55	1600	1600	3380	1.5	900	20820	457	1045	3.2
RRTS-70	55	1850	1850	3170	2.2	1200	28320	540	1085	3.2
RRTS-80	62	1850	1850	3470	2.2	1200	28980	580	1397	3.3
RRTS-100	78	2100	2100	3810	3.0	1470	34680	735	1818	3.4
RRTS-125	98	2400	2400	3690	4.0	1470	50640	930	1898	3.5
RRTS-150	117	2400	2400	3990	4.0	1800	52080	997	2449	3.6
RRTS-175	136	2800	2800	3680	5.5	1800	70620	1335	2687	3.6
RRTS-200	156	2800	2800	3980	5.5	1800	71220	1432	3460	3.6
RRTS-225	176	3100	3100	3830	7.5	1800	91140	1593	3275	3.6
RRTS-250	195	3100	3100	4250	7.5	2400	98760	1732	4255	3.6
RRTS-300	234	3400	3400	5080	7.5	2400	104100	2146	5218	3.6
RRTS-350	273	3600	3600	5080	11.0	2400	121500	2361	5829	3.6
RRTS-400	312	3800	3800	5330	11.0	2400	138840	2576	6464	3.9
RRTS-500	390	4300	4300	5450	15.0	2400	173520	3200	8243	4
RRTS-600	468	4700	4700	5650	15.0	3000	208260	4220	10295	4.1
RRTS-700	546	5000	5000	5650	18.5	3000	242940	4635	11547	4.2
RRTS-800	624	5460	5460	5980	22.0	3000	277680	5396	13665	4.4

Specification of Piping Connection : For high temperature condition, the pipe diameter might be changed please consult with our representative

RRTS	40	50	60	80	100	125	150	175	200	225	250	300	350	400	500	600	700	800
Inlet	80	80	80	100	125	125	150	150	150	200	200	200	200	200	250	250	250	300
Outlet	80		80	100	125	125	150	150	150	200	200	200	200	200	250	250	250	300
Overflow	25	25	25	40	40	40		40	50			80	80	80	100	100	100	100
Drain			25	25	40	40	40	40	40	40	40	40	40	40	80	80	80	80
Float valve	15	20	20	20	20	20		20	25			25	25	25	50	50	50	50
Makeup	-	-	-	-	20	20	20	20		25	25	25	25	25	50	50	50	50

Foundation Details : For multiple cells configuration, consult for tower layout & foundation dimension.



ITEM MODEL	Foundation Dimension (mm)						Anchor Bolt		
	A	B	C1	C2	D	H	Size	Length mm	QTY Pcs
	RRTS-40	1500	1500	N/A	750	200	300	M16	150
RRTS-50	1500	1500	N/A	750	200	300	M16	150	4
RRTS-60	1750	1750	N/A	875	200	300	M16	150	4
RRTS-70	1750	1750	N/A	875	200	300	M16	150	4
RRTS-80	2000	2000	N/A	1000	200	300	M16	150	4
RRTS-100	2000	2000	N/A	1000	200	300	M16	150	4
RRTS-125	2200	2300	N/A	1100	200	300	M16	150	4
RRTS-150	2300	2300	N/A	1150	200	300	M16	150	4
RRTS-175	2700	2700	1350	1350	250	500	M16	150	4
RRTS-200	2700	2700	1350	1350	250	500	M16	150	4
RRTS-225	3000	3000	1500	1500	250	500	M16	150	4
RRTS-250	3300	3300	1500	1650	250	500	M16	150	9
RRTS-300	3500	3500	1650	1650	250	500	M16	150	9
RRTS-350	3700	3700	1750	1750	250	500	M16	150	9
RRTS-400	4200	4200	1850	1850	250	500	M16	150	9
RRTS-500	4600	4600	2100	2100	300	500	M16	150	9
RRTS-600	4900	4900	1533	1533	300	500	M16	150	16
RRTS-700	5350	5350	1783	1783	300	500	M16	150	16
RRTS-800	5650	5650	1883	1883	300	500	M16	150	16

Renovate Cooling Tower the specification subject right to change without further notice. Please consult with our representative