

manufacturers of evaporative and closed circuit cooling towers



ENGINEERING AND TEMPERATURE DATA





COOLCORE™ FILL SPECIFICATIONS:

CoolCore™ Wet Deck spreads water for maximum heat transfer and minimizes drift, water loss and excessive power consumption. It is a complete fill solution for CWT and all manufacturers' towers. CoolCore™ fill assures you of maximum cooling at installation and long term.

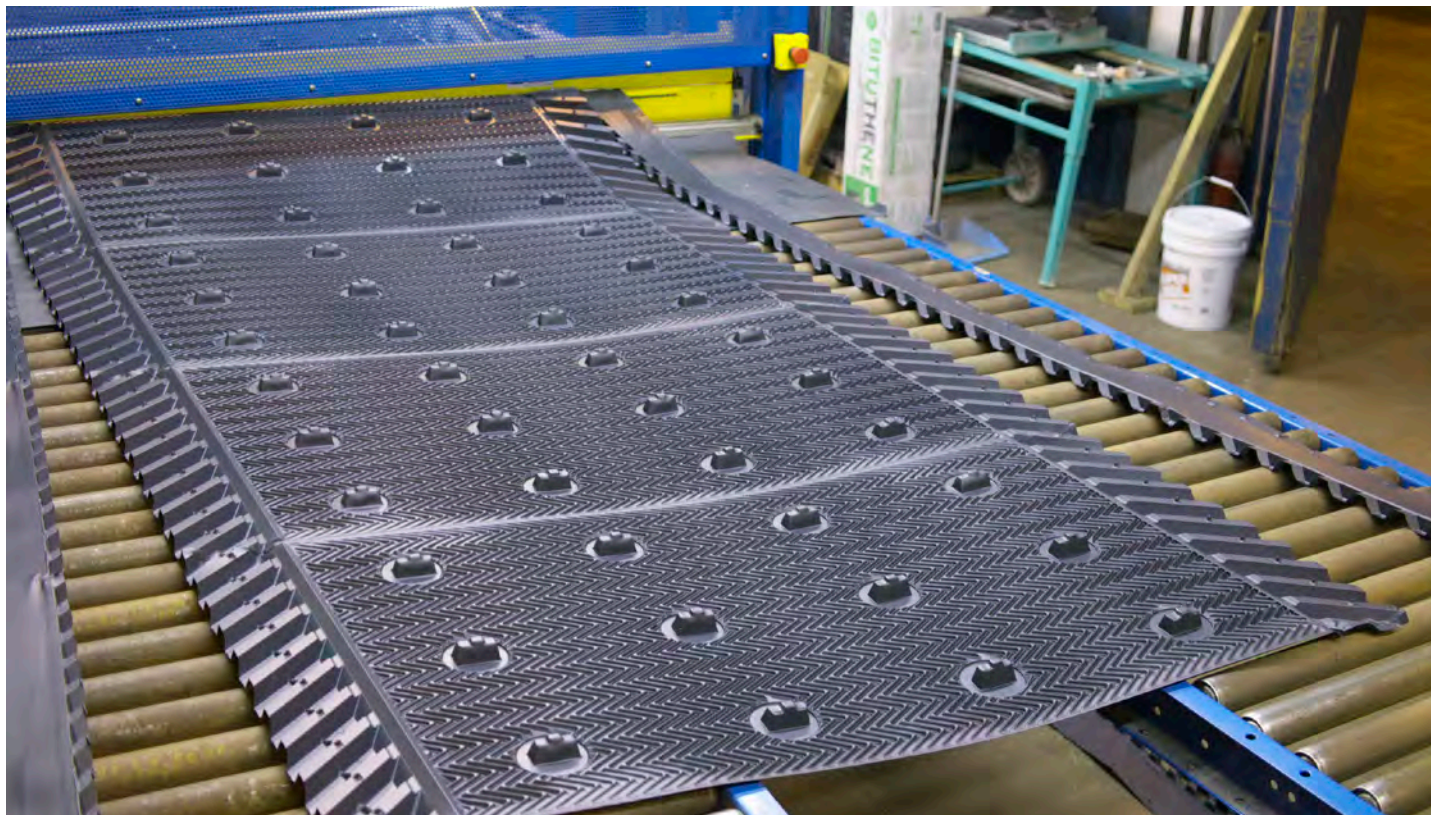
Fill: CWT CoolCore™ PVC, has a 20 mil starting spec, formed to 15 mil. CoolCore™ is self extinguishing (ATSM D-568) with a flame spread rating of 5 (ATSM Standard E84-77a) rated for maximum incoming water temperature of 130 F. CoolCore™ is impervious to rot, decay, fungus and biological attack;

The fill and drift eliminators are thermoformed, with louvers and drift eliminator integrally formed as one piece in each sheet of fill.

Fill is installed in hanging sheets suspended and elevated above the operating level of the cold water basin. Sheets are spaced .4" apart, or 2.47 sheets per inch.

Drift Eliminators: are integral CoolCore™ PVC, 20 mil starting spec, formed to 15 mil. Drift eliminators provide 3 changes of air direction for effective removal of water from the discharge airstream. The leaving edge is angled to discharge the air at 45 degrees from the fan converging to the center, thereby creating a higher velocity directed airstream that minimizes recirculation.

Drift losses shall not exceed .005% of recirculated water.



CWT Testing Lab

3300 GPM Capacity



All CWT towers are tested when assembled in our lab which has a capacity servicing over 1100 (3300 GPM) tons of refrigeration

Our testing equipment is of the same variety as the equipment used in the actual certification process.

Whether it be closed circuit, counterflow or crossflow, forced or induced-draft, the CWT series are continually under CTI monitoring programs.



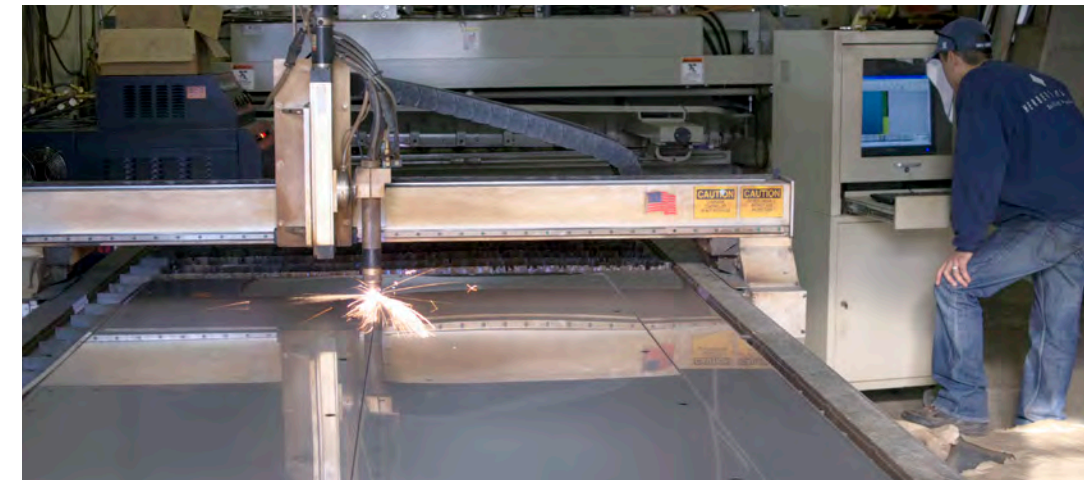
CWT Process

On Demand

As a single supplier and manufacturer with 3300 GPM capacity in-house testing, CWT controls quality and compatibility of all cooling tower components, including wet deck and closed circuit coils.

Our proprietary CoolCore™ wet deck is manufactured in house in our state of the art vacuum forming facility.

CWT is a modern precision manufacturer using state-of-the-art computer controlled plasma cutting. CWT towers are manufactured to the tightest tolerances, including custom fits and sizes.



CWT CLOSED CIRCUIT TOWERS

- RTAC Axial Fan, Induced Draft
- RTAC-F Axial Fan, Induced Draft
- FLTC Axial Fan, Induced Draft
- RTCC Axial Fan, Induced Draft
- RTCF-C Centrifugal Fan, Forced Draft
- RTCH-C Centrifugal Fan, Forced Draft

CWT OPEN COOLING TOWERS:

- RTA Axial Fan, Induced Draft
- RTAi Axial Fan, Induced Draft
- RTCS Axial Fan, Forced Draft Crossflow
- RT Axial Fan, Induced Draft
- RTi Axial Fan, Induced Draft
- RTC Axial Fan, Induced Draft
- RTCH Centrifugal Fan, Forced Draft
- RTCF Centrifugal Fan, Forced Draft

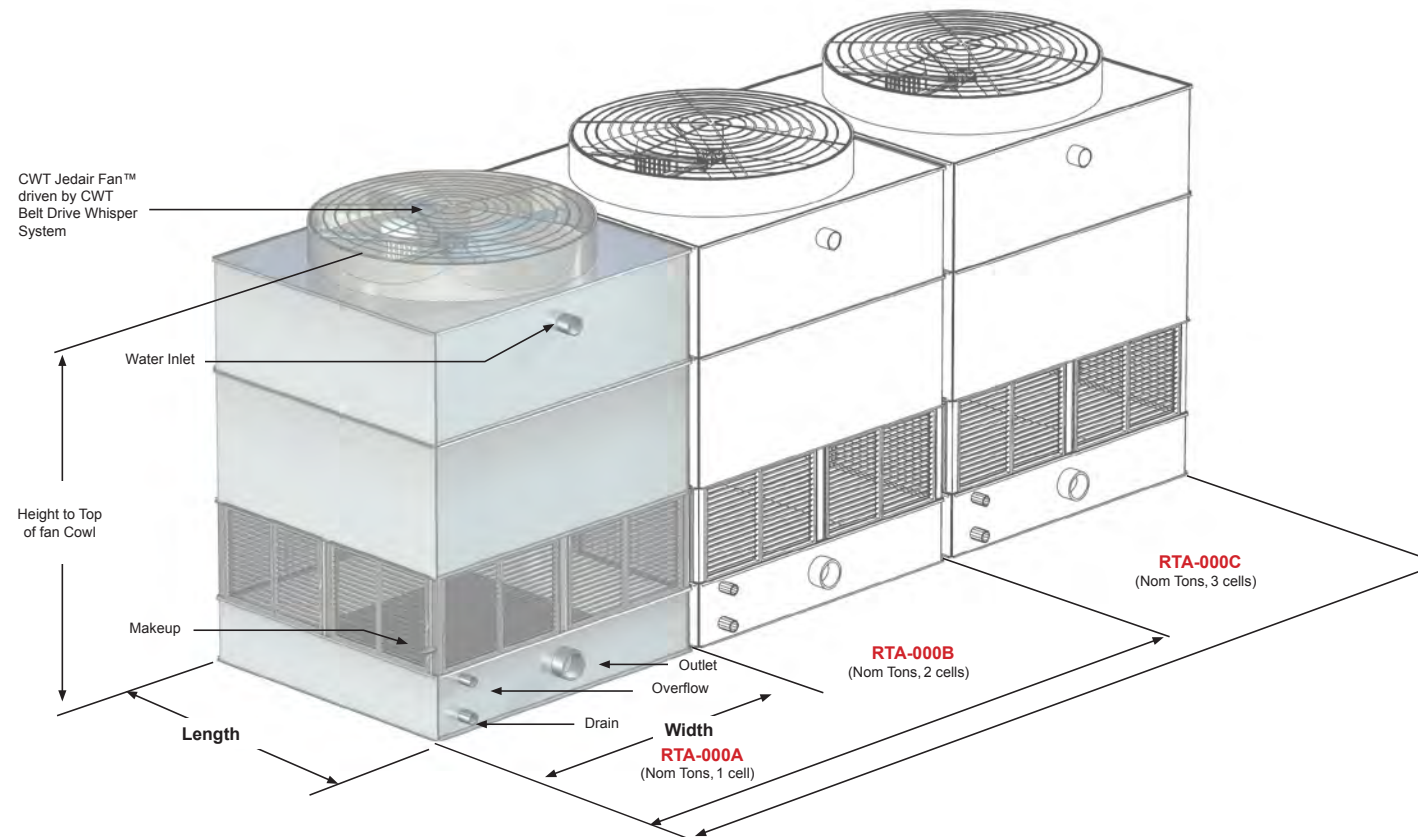
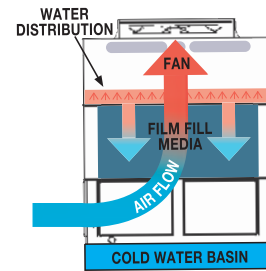


RTA SERIES

OPEN CIRCUIT

Axial Fan
Induced Draft
Counterflow
Belt Drive
Medium - Large HVAC
Capacity 20 - 500 tons per cell

Features:
iD Intelligent Control, CoolCore™ Sheet and Block Fill, Jedair Fan System



FEATURES



MODULAR DESIGN

The RTA Series is designed in modular sections to minimize weight and size and reduce crane installation costs.

VERTICAL DESIGN

Air recirculation is minimized by vertical design.

ALL-SIDE ACCESS

Access to the cold water basin is on all four sides of the tower via quick release louvered panels.

FRAME CONSTRUCTION

The RTA Series is frame constructed for increased durability and longer service life.

FIELD AND FACTORY INSTALLED

ANTI-CLOGGING NOZZLES

Wet deck is equipped with large orifice anti-clogging nozzles.

STAINLESS STEEL NO-VORTEX SUCTION STRAINER

Standard stainless steel suction strainer is part of the Cool Water Technologies Total Protection Layer to eliminate corrosion and decay.

No-vortex design prevents turbulence and provides smooth water exit.

HEAVY DUTY CONSTRUCTION

Composite matrix, stainless steel and galvanized options.

WELDED COLD WATER BASIN

Galvanized or stainless steel.

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL

Offers superior heat transfer and withstands corrosion and biological attack.

RTA SERIES

Model Data for RTA Single Cell Towers:



MODEL NUMBER	NOMINAL TONS	OPERATING WEIGHT	SHIPPING WEIGHT	HEAVIEST SECTION	LENGTH	WIDTH	HEIGHT
RTA-27	27	1672	1026	532	4'	4'	9' 11"
RTA-31	31	1748	1102	608			11'
RTA-32	32	1719	1073	541			9' 11"
RTA-36	36	1795	1150	608			11'
RTA-47	47	2337	1320	693	6'	4'	9' 11"
RTA-53	53	2432	1415	788			11'
RTA-56	56	2356	1340	693			9' 11"
RTA-62	62	2451	1434	788			11'

RTA-87	87	4,845	2,907	1,910	6'	8' 6"	11' 2"
RTA-102	102	4,883	2,945	1,948			12' 2"
RTA-114	114	5,073	3,135	2,138			13' 2"
RTA-125	125	5,101	3,163	2,166			11' 2"
RTA-143	143	5,377	3,439	2,442			12' 2"
RTA-114	114	5,576	3,278	2,166			13' 2"
RTA-123	123	5,614	3,315	2,204	6'	8' 6"	11' 2"
RTA-132	132	5,643	3,344	2,233			12' 2"
RTA-137	137	5,833	3,534	2,423			13' 2"
RTA-149	149	5,861	3,562	2,451			12' 2"
RTA-155	155	6,118	3,819	2,708			13' 2"
RTA-164	164	5,919	3,619	2,508			12' 2"
RTA-172	172	6,175	3,876	2,764	9'	8' 6"	13' 2"

RTA-165	165	6,802	4,104	2,860	9'	8' 6"	12' 10"		
RTA-172	172	6,621	3,914	2,670			11' 10"		
RTA-193	193	6,869	4,171	2,926			12' 10"		
RTA-201	201	7,163	4,465	3,221			13' 10"		
RTA-220	220	7,211	4,512	3,268			10' 6"	8' 6"	11' 10"
RTA-154	154	7,477	4,342	2,945					12' 10"
RTA-167	167	7,505	4,370	2,974	11' 10"				
RTA-183	183	7,809	4,674	3,278	12' 10"				
RTA-192	192	7,571	4,437	3,040	11' 10"				
RTA-212	212	7,876	4,741	3,344	12' 10"				
RTA-224	224	8,208	5,073	3,677	10' 6"	8' 6"	13' 10"		
RTA-237	237	7,923	4,788	3,392			12' 10"		
RTA-247	247	8,256	5,120	3,724			13' 10"		
RTA-260	260	8,284	5,149	3,753			13' 10"		

RTA SERIES

Engineering and Temperature Data for RTA Single Cell Towers:

MODEL NUMBER	NOMINAL TONS	OPERATING WEIGHT	SHIPPING WEIGHT	HEAVIEST SECTION	LENGTH	WIDTH	HEIGHT
RTA-235	235	8,636	4,969	3,401	12'	8' 6"	12' 2"
RTA-240	240	8,940	5,273	3,705			13' 2"
RTA-265	265	8,978	5,311	3,743			14' 2"
RTA-274	274	9,348	5,330	4,114			13' 2"
RTA-282	282	8,997	5,330	3,762			14' 2"
RTA-301	301	9,386	5,719	4,152			12' 2"
RTA-209	209	9,576	5,292	5,325			14'
RTA-232	232	9,966	5,681	3,914	12' 2"		
RTA-258	258	9,690	5,406	3,939	12' 2"		

RTA-261	261	10,042	5,757	3,990	14'	8' 6"	13' 2"
RTA-273	273	10,469	6,185	4,418			14' 2"
RTA-289	289	10,080	5,795	4,028			13' 2"
RTA-312	312	10,099	5,814	4,047			
RTA-331	331	10,118	5,833	4,066			14' 2"
RTA-343	343	10,545	6,261	4,494			12'
RTA-257	257	11761	6498	4513	13' 6"		
RTA-270	270	11400	6137	4151	14' 6"		
RTA-281	281	11809	6545	4560	13' 6"		
RTA-284	284	11495	6232	4246	14' 6"		
RTA-299	299	11856	6593	4608	15' 6"		
RTA-310	310	12255	6992	5007	14' 6"		
RTA-315	315	11951	6688	4703	15' 6"		
RTA-326	326	12350	7087	5101			
RTA-341	341	12588	7325	5101			

RTA-323	323	16454	8465	5472	18'	9' 10"	13' 6"
RTA-348	348	17661	9671	6679			15' 6"
RTA-363	363	17110	9120	6128			14' 6"
RTA-370	370	16596	8607	5615			13' 6"
RTA-391	391	17157	9168	6175			14' 6"
RTA-414	414	17252	9263	6270			15' 6"
RTA-438	438	17851	9861	6869			14' 6"
RTA-454	454	17490	9500	6508			15' 6"
RTA-473	473	18088	10099	7106			

RTA SERIES

Engineering and Temperature Data for RTA Single Cell Towers:



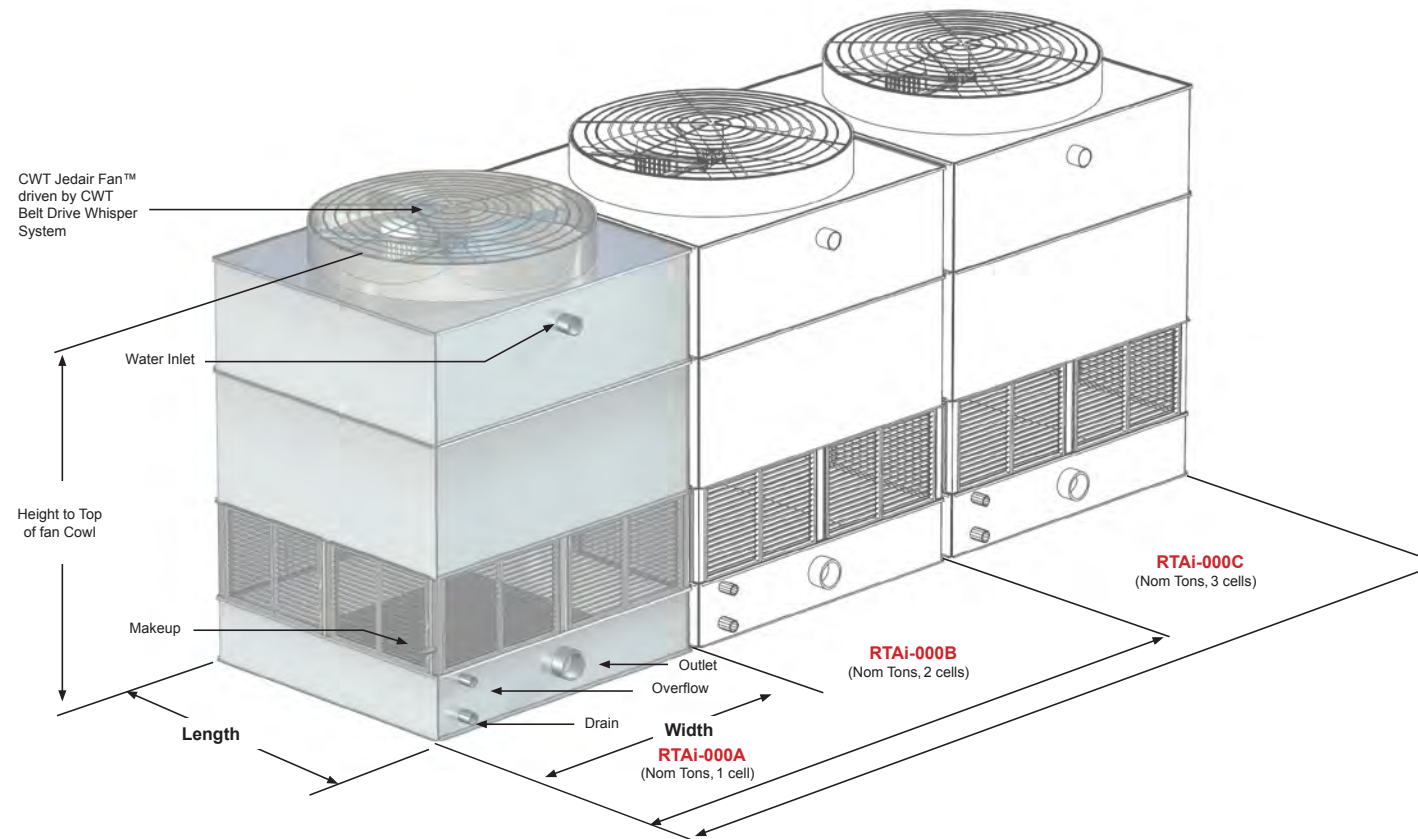
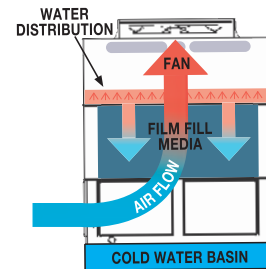
MODEL NUMBER	NOMINAL TONS	OPERATING WEIGHT	SHIPPING WEIGHT	HEAVIEST SECTION	LENGTH	WIDTH	HEIGHT		
RTA-277	277	12967	7068	4750	12'	12'	13' 9"		
RTA-303	303	13015	7115	4797					
RTA-325	325	13062	7163	4845					
RTA-335	335	13528	7628	5310			14' 9"		
RTA-344	344	13157	7258	4940			13' 9"		
RTA-350	350	13993	8094	5776			15' 9"		
RTA-360	360	13575	7676	5358			14' 9"		
RTA-383	383	13670	7771	5453			15' 9"		
RTA-400	400	14136	8236	5918					
RTA-428	428	14373	8474	6156					
RTA-374	374	14820	7856	5339					
RTA-391	391	15380	8426	5900			14'	12'	14' 3"
RTA-411	411	15874	8911	6394					15' 3"
RTA-415	415	15447	8483	5966					16' 3"
RTA-436	436	16026	8977	6460	15' 3"				
RTA-455	455	15694	8730	6213	16' 3"				
RTA-476	476	16188	9224	6707	15' 3"				
RTA-436	436	19140	9870	6510	16' 3"				
RTA-459	459	19250	9980	6620	18'	11' 10"			14' 9"
RTA-482	482	19980	10650	7220			15' 9"		
RTA-510	510	20030	10760	7400			16' 9"		
RTA-532	532	20760	11500	8140			15' 9"		
RTA-561	561	20290	11020	7660			16' 9"		
RTA-585	585	21030	11760	8400			15' 9"		
RTA-600	600	20350	11080	7720			16' 9"		
RTA-628	628	21090	11820	8360			15' 9"		
RTA-651	651	21200	11930	8570			16' 9"		
RTA-563	563	20400	11000	7390			20'	11' 10"	14' 9"
RTA-605	605	22930	12570	8960	16' 9"				
RTA-628	628	22130	11770	8120	15' 9"				
RTA-654	654	23030	12630	9020	16' 9"				
RTA-678	678	23140	12740	9130					

RTAi SERIES

OPEN CIRCUIT

Axial Fan
 Induced Draft
 Counterflow
 Belt Drive
 Medium - Large HVAC
 Capacity 20 - 1000 tons per cell
 CTI Certified

Features:
 iD Intelligent Control, CoolCore™ Sheet and Block Fill, Jedair Fan System



FEATURES



MODULAR DESIGN
 The RTAi Series is designed in modular sections to minimize weight and size and reduce crane installation costs.

VERTICAL DESIGN
 Air recirculation is minimized by vertical design.

ALL-SIDE ACCESS

Access to the cold water basin is on all four sides of the tower via quick release louvered panels.

FRAME CONSTRUCTION

The RTAi Series is frame constructed for increased durability and longer service life.

FIELD AND FACTORY INSTALLED

ANTI-CLOGGING NOZZLES

Wet deck is equipped with large orifice anti-clogging nozzles.

STAINLESS STEEL NO-VORTEX SUCTION STRAINER

Standard stainless steel suction strainer is part of the Cool Water Technologies Total Protection Layer to eliminate corrosion and decay.

No-vortex design prevents turbulence and provides smooth water exit.

HEAVY DUTY CONSTRUCTION

Composite matrix, stainless steel and galvanized options.

WELDED COLD WATER BASIN

Galvanized or stainless steel.

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL
 Offers superior heat transfer and withstands corrosion and biological attack.

CTI CERTIFIED

RTAi SERIES



Model Data for RTAi Single and 2-Cell Towers:

Model (1-Cell)	Nom Tons	HP	CFM	Height	Length (feet)	Width (feet)	Shipping Weight (lbs)	Operating Weight (lbs)
RTAi-25-44-2-10	25	2.0	9216	9.65	4.23	4.04	1155	1835
RTAi-32-44-3-10	32	5.0	9702	10.54	4.01	3.98	1190	1870
RTAi-32-44-3-11	32	3.0	9461	10.84	4.23	4.04	1285	1965
RTAi-36-64-3-10	36	3.0	12,882	9.86	6.23	4.04	1490	2560
RTAi-48-64-5-11	48	5.0	14,090	10.84	6.23	4.04	1585	2655
RTAi-87-86-5-11	87	5.0	24,651	11.29	8.46	6.24	3210	5250
RTAi-137-87-7-12	137	7.5	35374	12.00	8.46	7.74	3795	6215
RTAi-155-87-10-13	155	10.0	36370	12.98	8.46	7.74	4095	6515
RTAi-191-98-15-12	191	15.0	49050	12.21	9.21	8.46	4245	7085
RTAi-197-98-15-13	197	15.0	45983	13.19	9.21	8.46	4540	7380
RTAi-194-98-15-13	194	15.0	47,923	13.32	9.21	8.46	4295	7135
RTAi-228-128-15-13	228	15.0	58532	12.64	12.23	8.46	5340	9200
RTAi-250-128-20-13	250	20.0	64094	12.90	12.23	8.46	5640	9500
RTAi-285-1210-20-15	285	20.0	72416	15.00	12.21	9.98	7100	12,800
RTAi-423-1212-40-16	423	40.0	96,131	15.83	11.83	11.73	8,380	14,585
RTAi-348-918-30-12B (2-Cell)	347	30	94,457	12.21	18.42	8.46	8490	14,170

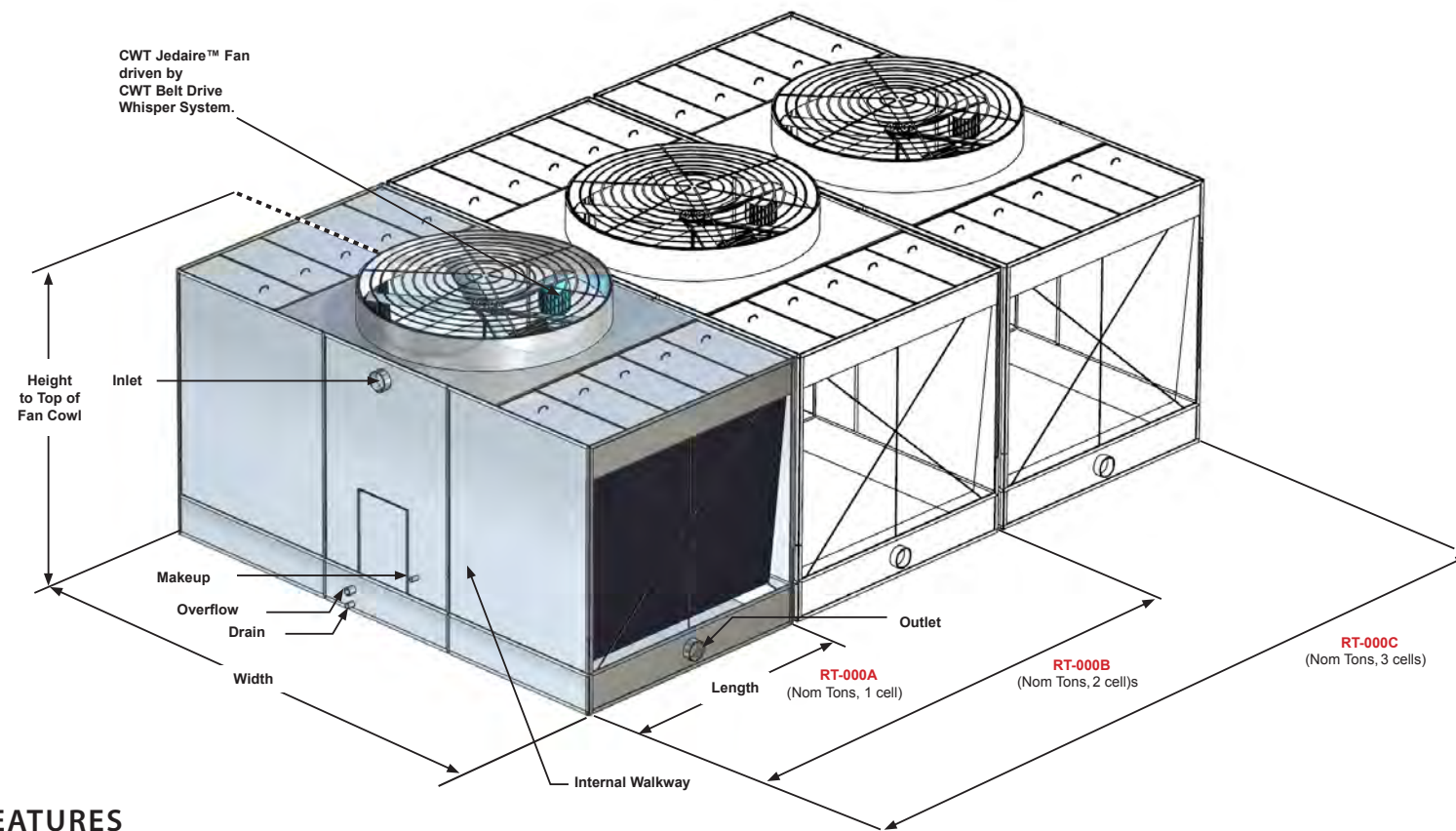
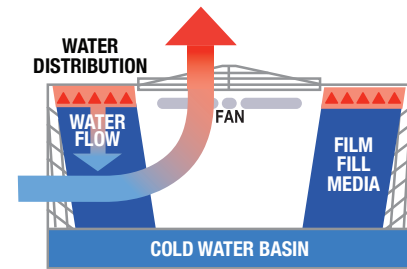


RT SERIES

OPEN CIRCUIT

Axial Fan
 Induced Draft
 Crossflow
 Belt Drive
 Medium - Large HVAC
 Capacity 20 - 500 tons per cell

Features:
 iD Intelligent Control, CoolCore™ Sheet and Block Fill, Jedair Fan System



FEATURES



MODULAR DESIGN
 The RT Series is designed in modular sections to minimize weight and size and reduce crane installation costs.

INTELLIGENT WATER DISTRIBUTION SYSTEM

FRAME CONSTRUCTION

The RT Series is frame constructed for increased durability and longer service life.

FIELD AND FACTORY INSTALLED

ANTI-CLOGGING NOZZLES

Wet deck is equipped with large orifice anti-clogging nozzles.

STAINLESS STEEL SUCTION STRAINER

Standard stainless steel suction strainer is part of the Cool Water Technologies Total Protection Layer to eliminate corrosion and decay.

HEAVY DUTY CONSTRUCTION

Composite matrix, stainless steel and galvanized options.

WELDED COLD WATER BASIN

Galvanized or stainless steel.

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL

Offers superior heat transfer and withstands corrosion and biological attack.

RT SERIES

Engineering and Temperature Data for RT Single Cell Towers:



MODEL NUMBER	NOMINAL TONS	OPERATING WEIGHT	SHIPPING WEIGHT	HEAVIEST SECTION	LENGTH	WIDTH	HEIGHT
RT-189	189	14,000	7,230	7,230	8' 6"	18'	9'5"
RT-211	211	14800	7,410	7,410	8' 6"	18'	10' 10"
RT-239	239	14,920	7,530	7,530			
RT-263	263	14,920	7,590	7,590			
RT-307	307	15,820	7,990	7,990	10'	20'	12' 2"
RT-363	363	17,500	8,420				12' 6"
RT-371	371	18,650	9,240	9,240			12' 3"
RT-382	382	19,370	9,510	9,510			13' 7"
RT-396	396	19,820	10,000				13' 6"
RT-400	400	19,730					15' 6"
RT-404	404	19,420	9,560	9,560			13' 7"

RT-422	422	22,760			12'	21' 6"	12' 4"
RT-427	427	22,380	10,750	10,750		20	14' 6"
RT-452	452	22,500	10,500			21' 6"	13' 8"
RT-464	464	24,750	11,310	11,310	13	24"	13' 9"
RT-490	490	32,490	15,450	15,450	12'	21' 6"	13' 8'
RT-520	520	32,440	17,500	15,500			14' 2"
RT-545	545	24,920	11,480	11,480	14'	24"	13' 9"
RT-568	568	32,720	15,660	15,660			
RT-610	610	32,710	15,670	15,670	12'	21' 6"	13' 8'
RT-545	545	24,920	11,480	11,480			14' 2"
RT-568	568	32,720	15,660	15,660			
RT-610	610	32,710	15,670	15,670	14'	24'	13' 9"

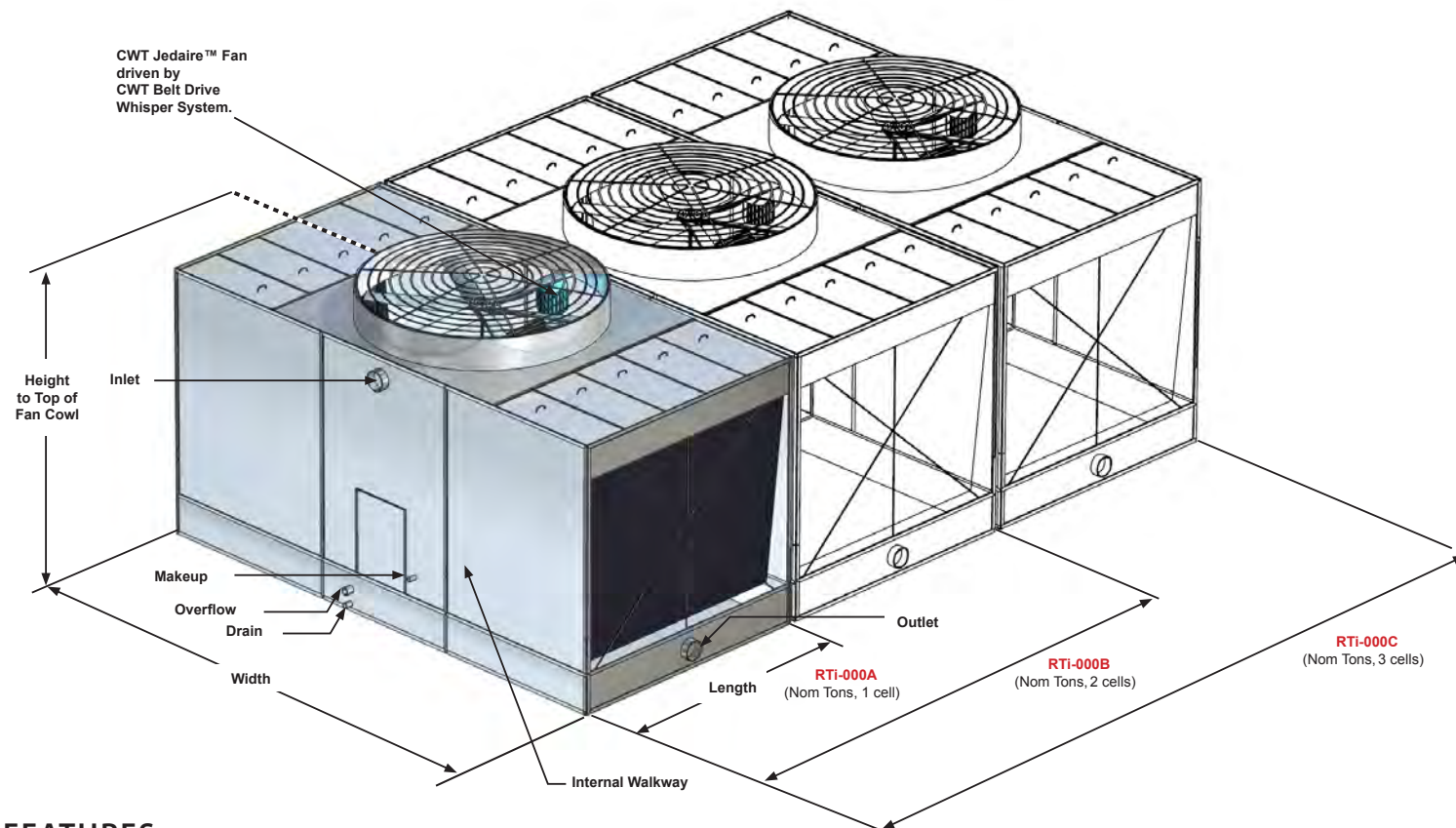
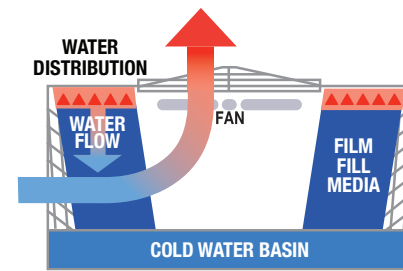
RT-641	641	30,300	14,260	8,230	12'	21' 7"	17' 11"
RT-687	687	30,460	14,420	8,390			
RT-729	729	30,470	14,230	8,400			
RT-744	744	33,300	15,180	8,200			20' 6"
RT-788	788	33,410	15,390	8,610			
RT-828	828	34,470	16,350	9,570			
RT-867	867	36,100	16,160	9,010	14"	24'	23' 3"
RT-929	929	36,190	16,240	9,720			
RT-972	972	42,680	20,630	11,230			21' 3"
RT-1067	1067	45,360	21,330	11,940	14"	24'	24'
RT-1145	1145	47,280	23,250	13,030			24' 2"

RTi SERIES

OPEN CIRCUIT

Axial Fan
 Induced Draft
 Crossflow
 Belt Drive
 Medium - Large HVAC
 Capacity 20 - 1100 tons per cell
 CTI Certified

Features:
 iD Intelligent Control, CoolCore™ Sheet
 and Block Fill, Jedair Fan System



FEATURES



MODULAR DESIGN
 The RTi Series is designed in modular sections to minimize weight and size and reduce crane installation costs.

INTELLIGENT WATER DISTRIBUTION SYSTEM

FRAME CONSTRUCTION

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FIELD AND FACTORY INSTALLED

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WELDED COLD WATER BASIN

Galvanized or stainless steel.

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL

Offers superior heat transfer and withstands corrosion and biological attack.

CTI CERTIFIED

RTi SERIES



Engineering and Temperature Data for RTi Single Cell Towers:

Model	Nom Tons	HP	CFM	Height	Width (feet)	Length (feet)	Shipping Weight (lbs)	Operating Weight (lbs)
RTi-917-152	152	5	55,623	11' 4"	17' 2"	8' 6"	6,880	15,080
RTi-917-192	204	10	70,338	11' 4"	17' 2"	8' 6"	6,980	15,200
RTi-917-220	226	15	80,635	11' 4"	17' 2"	8' 6"	7,080	15,320
RTi-1020-317	952	25	111,959	12'	20'	9' 11"	8,545	19,650
RTi-1020-308	925	25	108,700	12'	20'	9' 11"	8,545	19,650
RTi-1425-1271	1144	75	260,316	26'	25' 8"	14' 0"	25,750	36,000

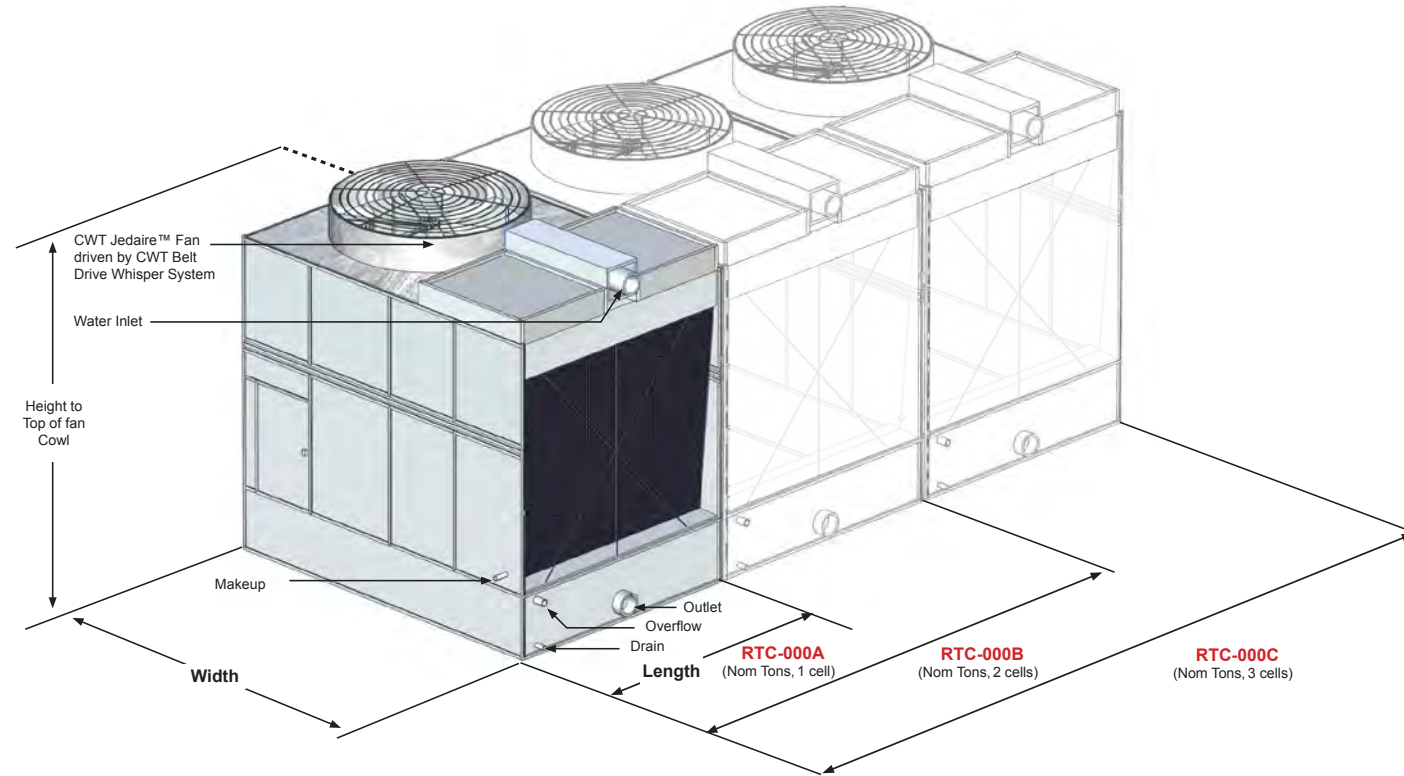
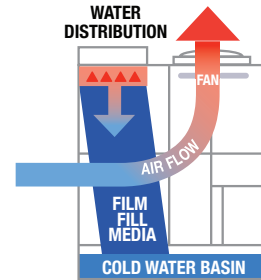


RTC SERIES

OPEN CIRCUIT

Axial Fan
 Induced Draft
 Crossflow
 Belt Drive
 Medium - Large HVAC
 Capacity 80 - 500 tons per cell

Features:
 iD Intelligent Control, CoolCore™ Sheet and Block Fill, Jedair Fan System



FEATURES



MODULAR DESIGN
 The RTC Series is designed in modular sections to minimize weight and size and reduce crane installation costs.

VERTICAL DESIGN
 Air recirculation is minimized by vertical design.

ALL-SIDE ACCESS

Access to the cold water basin is on all four sides of the tower via quick release louvers panels.

FRAME CONSTRUCTION

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FIELD AND FACTORY INSTALLED

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WELDED COLD WATER BASIN

Galvanized or stainless steel.

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL

Offers superior heat transfer and withstands corrosion and biological attack.

FACTORY TESTED

In accordance to CTI standards.

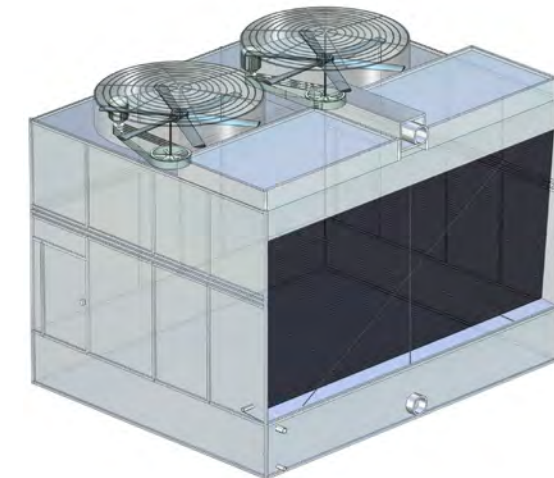
RTC SERIES



Engineering and Temperature Data for RTC Single Cell Towers:

MODEL NUMBER	NOMINAL TONS	OPERATING WEIGHT	SHIPPING WEIGHT	HEAVIEST SECTION	LENGTH	WIDTH	HEIGHT
RTC-128	128	6890	3740	3740	8' 6"	12'	11' 3"
RTC-141	141	7540	3760	3760			
RTC-155	155	7490	3810	3810			
RTC-143	143	8210	4000	4000			12' 7"
RTC-156	156	8230	4020	4020			
RTC-177	177	8290	4080	4080			
RTC-193	193	8310	4100	4100			

RTC-176	176	11030	5150	2570	8' 6"	12'	15' 3"
RTC-200	200	11090	5210	2580			
RTC-220	220	11110	5230	2600			
RTC-188	188	12050	5440	2720			16' 5"
RTC-216	216	12110	5500	2720			
RTC-238	238	12130	5520	2720			
RTC-248	248	12210	5600	2720			



AVAILABLE IN
 12' X 12' CELL
 WITH TWO
 FANS AND MOTORS

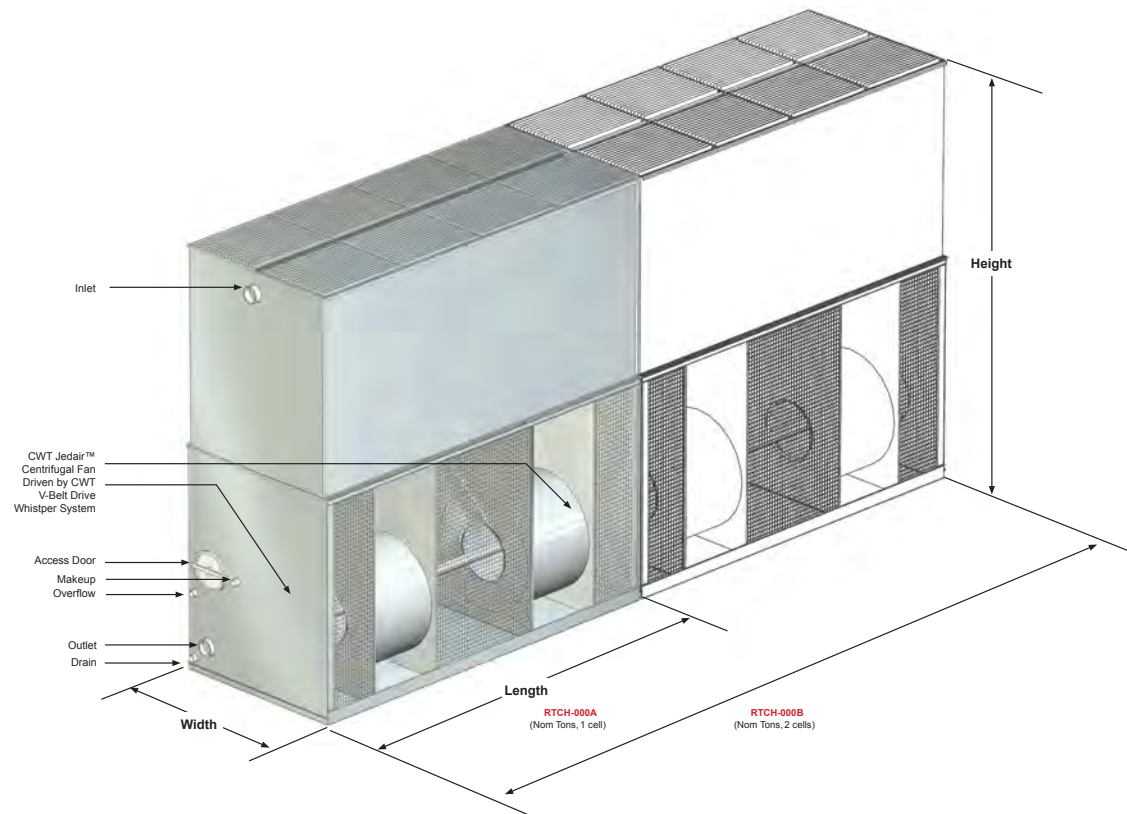
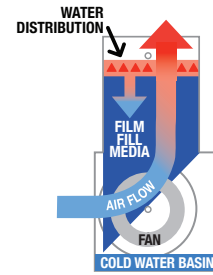
RTC-260	260	15140	6550	3340	12'	12'	15' 1"
RTC-286	286	15190	6600	3390			
RTC-308	308	15240	6650	3440			
RTC-324	324	15260	6670	3460			16' 3"
RTC-273	273	16650	6870	3340			
RTC-299	299	16700	6920	3390			
RTC-321	321	16750	6970	3440			
RTC-341	341	16780	7000	3470			
RTC-377	377	17050	7270	3740			

RTCH SERIES

OPEN CIRCUIT

Centrifugal Fan
 Forced Draft
 Counterflow
 Belt Drive
 Small - Medium HVAC
 Capacity 7 - 1285 tons per cell

Features:
 iD Intelligent Control, CoolCore™ Sheet and Block Fill, Jedair Fan System



FEATURES



MODULAR DESIGN
 The RTCH Series is designed in modular sections to minimize weight and size and reduce crane installation costs.

CIRCULAR ACCESS DOOR

SINGLE SIDE AIR INTAKE
 Accommodates sound-sensitive locations.

CENTRIFUGAL FAN

Low sound and extra power overcomes static pressure for external ducting, permitting indoor use.

FRAME CONSTRUCTION

The RTCH Series is frame constructed for increased durability and longer service life.

FIELD AND FACTORY INSTALLED

ANTI-CLOGGING NOZZLES

Wet deck is equipped with large orifice anti-clogging nozzles.

STAINLESS STEEL NO-VORTEX SUCTION STRAINER

Standard stainless steel suction strainer is part of the Cool Water Technologies Total Protection Layer to eliminate corrosion and decay.

No-vortex design prevents turbulence and provides smooth water exit.

HEAVY DUTY CONSTRUCTION

Composite matrix, stainless steel and galvanized options.

WELDED COLD WATER BASIN

Galvanized or stainless steel.

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL

Offers superior heat transfer and withstands corrosion and biological attack.

RTCH SERIES



Engineering and Temperature Data for RTCH Single Cell Towers:

MODEL NUMBER	NOMINAL TONS	OPERATING WEIGHT	SHIPPING WEIGHT	HEAVIEST SECTION	LENGTH	WIDTH	HEIGHT	
RTCH-11	11	860	715	-	3'	4'	7' 6"	
RTCH-12	12	870	725	-			9'	
RTCH-17	17	890	755	-			6'	7' 6"
RTCH-21	21	950	875	-				9'
RTCH-25	25	1,070	895	-	6'	4'	7' 6"	
RTCH-28	28	1,490	1,155	-			9'	
RTCH-36	36	1,550	1,215	-			6'	4'
RTCH-46	46	1,680	1,465	-	9'			
RTCH-50	50	1,690	1,475	-	6'	4'	7' 6"	
							9'	

RTCH-57	57	2,430	1,925	-	9'	4'	9'
RTCH-66	66	2,440	1,965	-			10' 6"
RTCH-69	69	2,560	2,055	-			9' 0"
RTCH-77	77	2,620	2,115	-	12'	4'	10' 6"
RTCH-90	90	3,160	2,425	-			9' 0"
RTCH-94	94	3,530	2,795	-	12'	4' 9"	10' 6"
RTCH-102	102	3,590	2,855	-			11' 9"
RTCH-116	116	4,690	3,755	-			13' 3"
RTCH-128	128	5,000	3,755	-	12'	4' 9"	11' 9"
RTCH-136	136	5,050	3,805	-			13' 3"
RTCH-146	146	5,450	4,205	-			13' 3"
RTCH-155	155	5,480	4,235	-	11' 8"	7' 10"	13' 3"
RTCH-184	184	8,980	5,275	3,250			11' 3"
RTCH-194	194	9,290	5,585	3,060	11' 8"	7' 10"	13' 2"
RTCH-211	211	9,480	5,775	3,250			14' 7"
RTCH-224	224	10,080	6,475	3,250			11' 3"
RTCH-265	265	13,080	7,555	4,540	17' 8"	7' 10"	13' 2"
RTCH-286	286	13,810	8,385	4,500			14' 7"
RTCH-304	304	13,850	8,225	4,540			11' 3"
RTCH-326	326	14,830	9,205	4,640	23' 9"	7' 10"	13' 2"
RTCH-348	348	14,950	9,325	4,660			14' 7"
RTCH-368	368	18,190	10,605	6,530			11' 3"
RTCH-387	387	18,810	11,225	6,150	23' 9"	7' 10"	13' 2"
RTCH-422	422	19,190	11,605	6,530			14' 7"
RTCH-449	449	20,490	13,005	6,530			14' 7"

RTCH SERIES



Engineering and Temperature Data for RTCH Single Cell Towers:

MODEL NUMBER	NOMINAL TONS	OPERATING WEIGHT	SHIPPING WEIGHT	HEAVIEST SECTION	LENGTH	WIDTH	HEIGHT
RTCH-242	242	14,790	7,965	4,990	11' 8"	11' 10"	12' 11"
RTCH-270	270	15,380	8,555	4,900			14' 9"
RTCH-299	299	15,570	8,745	5,090			16' 2"
RTCH-330	330	16,540	9,705	5,090			
RTCH-352	352	16,580	9,755	5,130			
RTCH-365	365	16,700	9,875	5,250	17' 8"	11' 10"	12' 11"
RTCH-366	366	22,030	11,430	7,230			14' 9"
RTCH-421	421	23,200	12,600	7,190			16' 2"
RTCH-446	446	23,240	12,640	7,230			
RTCH-493	493	24,680	14,080	7,230			
RTCH-528	528	25,060	14,460	7,610			

RTCH-484	484	30,190	15,920	10,170	23' 8"	11' 10"	12' 11"
RTCH-598	598	31,750	17,480	10,170			14' 9"
RTCH-660	660	33,690	19,420	10,170			16' 2"
RTCH-704	704	343,770	19,500	10,250			
RTCH-730	730	34,010	19,740	10,490	35' 9"	11' 10"	12' 11"
RTCH-726	726	45,580	23,900	15,250			14' 9"
RTCH-810	810	47,350	25,670	14,680			
RTCH-898	898	47,920	26,240	15,250			
RTCH-990	990	50,830	29,150	15,250			
RTCH-1056	1056	50,950	29,270	15,370	35' 9"	11' 10"	16' 2"
RTCH-1096	1096	51,310	29,630	15,730			
RTCH-1175	1175	51,310	29,690	15,790			

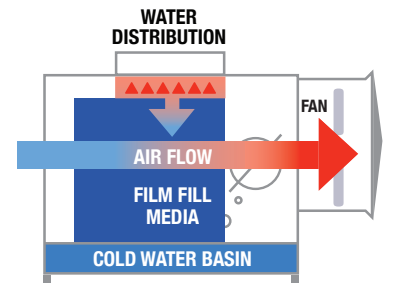
RTCS SERIES



OPEN CIRCUIT

Axial Fan
 Forced or Induced Draft
 Crossflow
 Belt Drive
 Small - HVAC
 Capacity 16 - 136 tons per cell

Features:
 iD Intelligent Control, CoolCore™
 Sheet and Block Fill, Jedair Fan System



FEATURES



ONE STOP INSTALLATION.

May be installed completely assembled with mounted motor and make-up system.

SINGLE SIDE AIR INTAKE

Accommodates sound-sensitive locations.

FRAME CONSTRUCTION

The RTCF Series is frame constructed for increased durability and longer service life.

STAINLESSSTEELNO-VORTEXSUCTIONSTRAINER

Standard stainless steel suction strainer is part of the Cool Water Technologies Total Protection Layer to eliminate corrosion and decay. No-vortex design prevents turbulence and provides smooth water exit.

WELDED COLD WATER BASIN

Galvanized or stainless steel.

HEAVY DUTY CONSTRUCTION

Composite matrix, stainless steel and galvanized options.

FIELD AND FACTORY INSTALLED

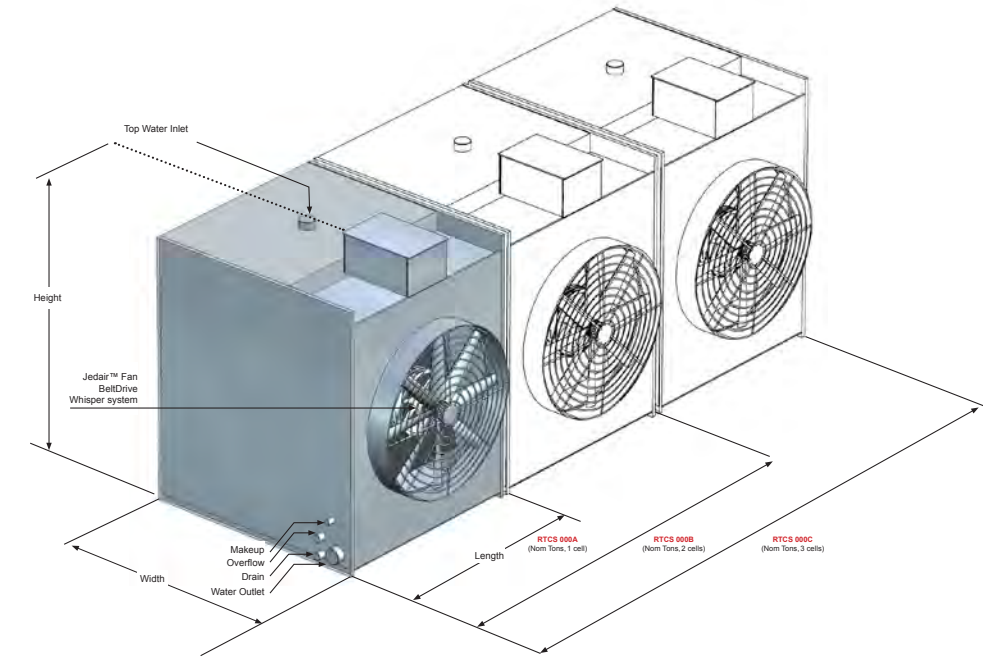
ANTI-CLOGGING NOZZLES

Wet deck is equipped with large orifice anti-clogging nozzles.

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL

Offers superior heat transfer and withstands corrosion and biological attack.



Engineering and Temperature Data for RTCS Single Cell Towers:

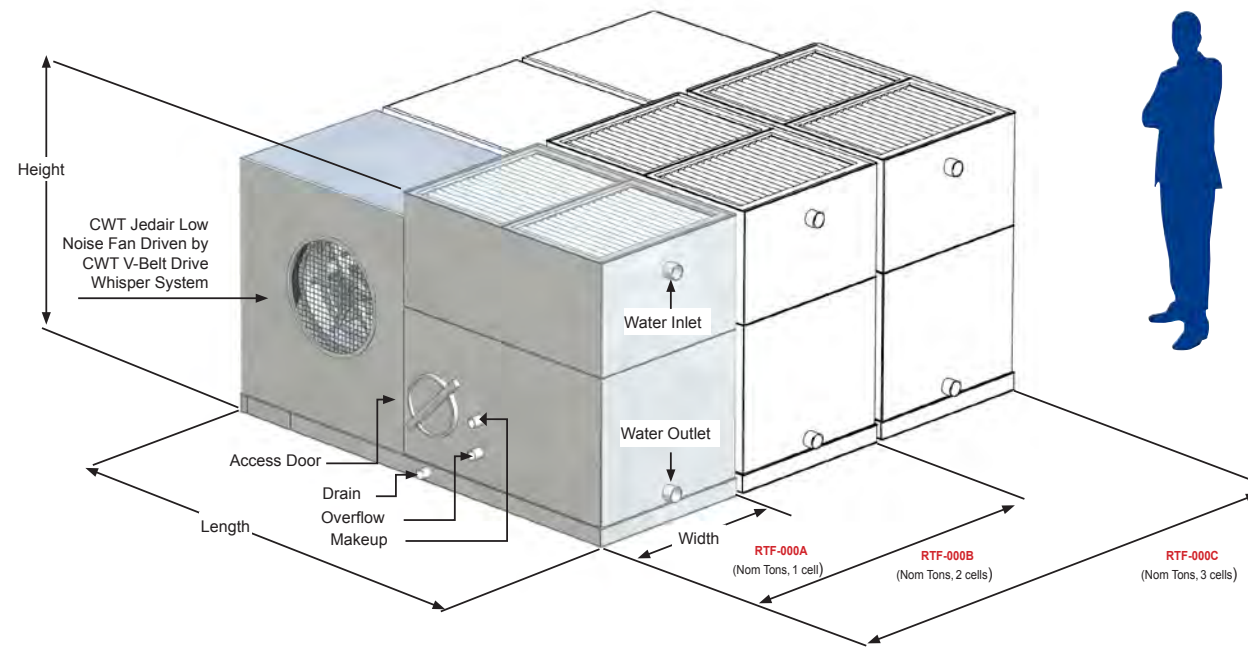
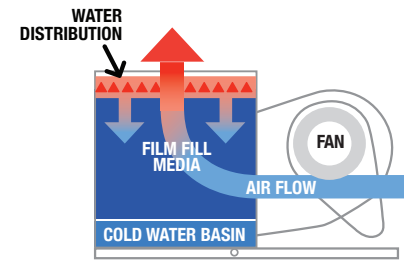
MODEL NUMBER	NOMINAL TONS	OPERATING WEIGHT	SHIPPING WEIGHT	L	W	H
RTCS-5	5	855	350	2'	6' 10"	4' 8"
RTCS-7	7	855	350			
RTCS-10	10	1295	450	3'		
RTCS-14	14	1205	550	4' 6"	7' 8"	6'
RTCS-18	18	1225	570			
RTCS-23	23	1955	890			
RTCS-26	26	1965	900			
RTCS-29	29	1965	900			
RTCS-33	33	2295	950			
RTCS-37	37	2295	950	6'	7' 3"	
RTCS-41	41	2315	970			
RTCS-51	51	3015	1170			
RTCS-60	60	3025	1180			

RTCF "LOW RISE"™ SERIES

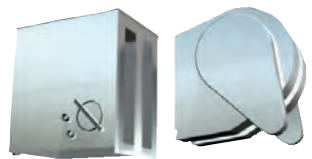
OPEN CIRCUIT

Centrifugal Fan
 Forced Draft
 Counterflow
 Belt Drive
 Small HVAC
 Indoor and Outdoor Installations
 Capacity 7 - 280 tons per cell

Features:
 iD Intelligent Control, CoolCore™ Sheet and Block Fill, Jedair Fan System



FEATURES



MODULAR DESIGN
 The RTCF Series is designed in modular sections to minimize weight and size and reduce crane installation costs.

CIRCULAR ACCESS DOOR

FRAME CONSTRUCTION

The RTCF Series is frame constructed for increased durability and longer service life.

CENTRIFUGAL FAN

Low sound and extra power overcomes static pressure for external ducting, permitting indoor use.

FIELD AND FACTORY INSTALLED

ANTI-CLOGGING NOZZLES

Wet deck is equipped with large orifice anti-clogging nozzles..

STAINLESSSTEELNO-VORTEXSUCTIONSTRAINER

Standard stainless steel suction strainer is part of the Cool Water Technologies Total Protection Layer to eliminate corrosion and decay. No-vortex design prevents turbulence and provides smooth water exit.

HEAVY DUTY CONSTRUCTION

Composite matrix, stainless steel and galvanized options.

WELDED COLD WATER BASIN

Galvanized or stainless steel .

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL

Offers superior heat transfer and withstands corrosion and biological attack..

RTCF "LOW RISE"™ SERIES



Engineering and Temperature Data for RTCF Single Cell Towers:

MODEL NUMBER	NOMINAL TONS	OPERATING WEIGHT	SHIPPING WEIGHT	LENGTH	WIDTH	HEIGHT	
RTCF-14	14	1495	975	4'	7'	5'	
RTCF-18	18	1535	1015			6' 6"	
RTCF-24	24	1615	1095			8'	
RTCF-26	26	1645	1125		11'	6' 6"	5'
RTCF-30	30	1685	1165				6' 6"
RTCF-34	34	1785	1265				8'
RTCF-40	40	2585	1225				5'
RTCF-45	45	2685	1625			6' 6"	
RTCF-52	52	2705	1645				
RTCF-58	58	2775	1715				
RTCF-63	63	2805	1745	8'			
RTCF-70	70	2975	1915				

RTCF-72	72	3685	2135	4'	15'	6' 6"
RTCF-81	81	3815	2265			8'
RTCF-84	84	3945	2385		18'	6' 6"
RTCF-91	91	4615	2555			
RTCF-102	102	4675	2615			
RTCF-111	111	4685	2625			
RTCF-121	121	4995	2935	8'		

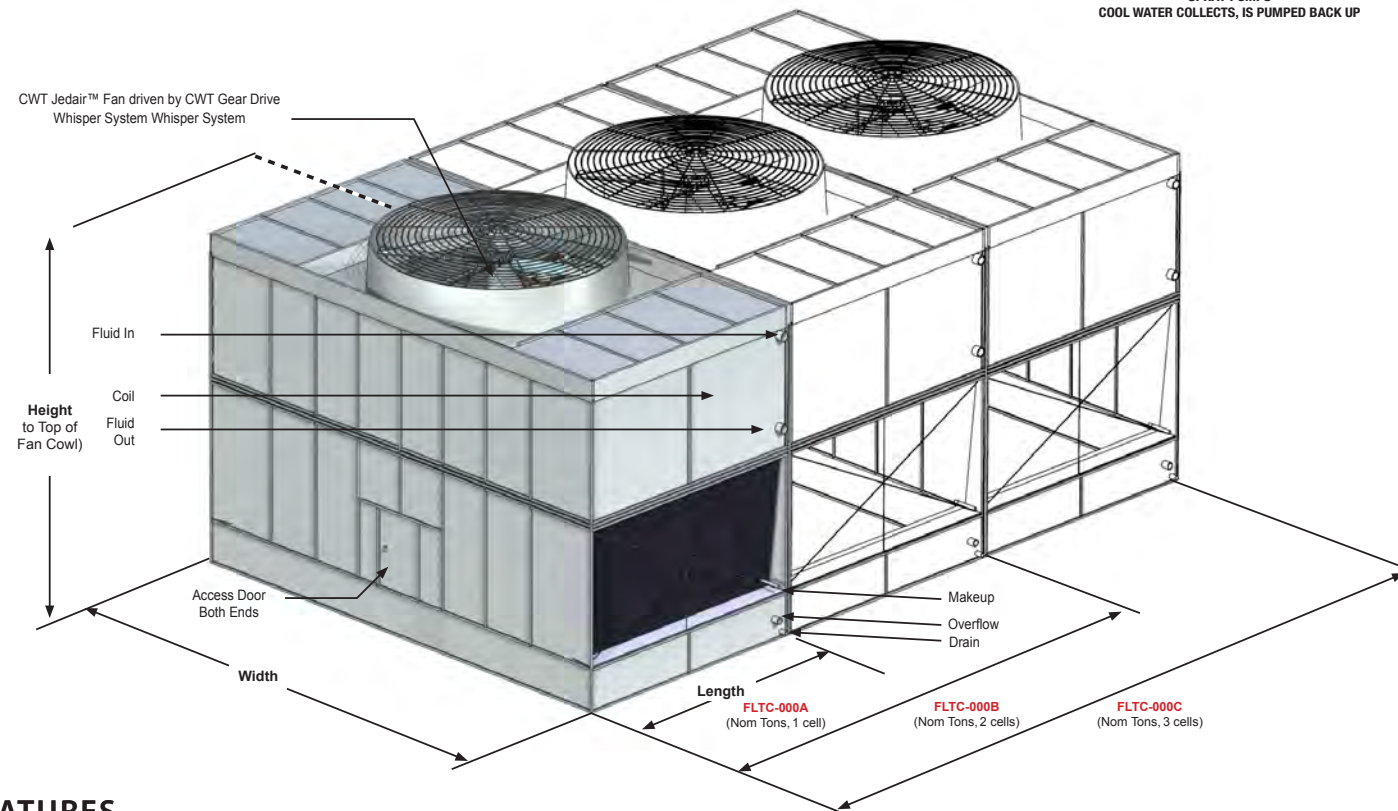
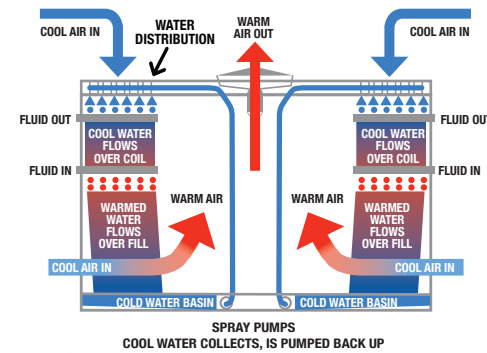
RTCF-134	134	6380	3240	7' 10"	15'	5'
RTCF-150	150	6620	3480			6' 6"
RTCF-163	163	6760	3620			
RTCF-174	174	6800	3660			
RTCF-184	184	6840	3700			
RTCF-200	200	7270	4100		18'	8'
RTCF-216	216	8770	4590			6' 6"
RTCF-239	239	9290	5110			

FLTC SERIES

CLOSED CIRCUIT

- Axial Fan
- Induced Draft
- Counterflow
- Belt Drive
- Medium to Large HVAC
- Low Sound
- Capacity 33 - 550 tons per cell

Features:
iD Intelligent Control, CoolCore™ Sheet and Block Fill, Jedair Fan System



FEATURES



MODULAR DESIGN
The RTCH Series is designed in modular sections to reduce crane installation costs.

CLOSED CIRCUIT CONFIGURATION:
process fluid is kept clean, results in less maintenance, lower operating expense, and provides compatibility with high efficiency heat exchangers and chiller.

CWT RADIANT ARRAY
For maximum heat transfer with minimum air resistance and best durability in its class.

FLEXIBLE YEAR ROUND OPERATION: Tower can be run dry in winter to prevent icing and plume; Chiller can be turned off for free cooling operation; Condenser loop can be operated at variable speeds.

FRAME CONSTRUCTION
The RTCH Series is frame constructed for increased durability and longer service life.

ANTI-CLOGGING NOZZLES
Wet deck is equipped with large orifice anti-clogging nozzles.

STAINLESS STEEL NO-VORTEX SUCTION STRAINER
Standard stainless steel suction strainer is part of the Cool Water Technologies Total Protection Layer to eliminate corrosion and decay.

No-vortex design prevents turbulence and provides smooth water exit.

HEAVY DUTY CONSTRUCTION
Composite matrix, stainless steel and galvanized options.

WELDED COLD WATER BASIN
Galvanized or stainless steel.

5 YEAR MOTOR AND DRIVE WARRANTY
COOLCORE™ SHEET AND BLOCK FILL
Offers superior heat transfer and withstands corrosion and biological attack.

FACTORY TESTED
In accordance to CTI standards.

FLTC SERIES

Engineering and Temperature Data for FLTC Single Cell Towers:



MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
FLTC-414	414	46,225	27,900	8,025	12'	24'	18'11"
FLTC-440	440	49,700	30,680	9,370			
FLTC-387	387	49,700	30,680	9,370			
FLTC-510	510	50,025	31,925	9,340	14'	26'4"	19'
FLTC-550	550	58,405	35,225	10,990			
FLTC-493	493	58,405	35,225	10,990			

CWT ISATONE™ THERMAL PAK COIL IS THE HEART OF OF OUR CLOSED CIRCUIT COOLING TOWERS

ISATONE™ THERMAL PAK separates the "process" from the environment thereby eliminating clogging static mud masks for efficient cooling at less energy cost.

Serpentine high quality steel coil.

Galvanized after fabrication.

Manufactured according to ASME standards.

Sloping tube design exhibits low pressure drop

Tested to 375 psig.

Stainless Steel Option available.

Isatone™ Thermal Pak

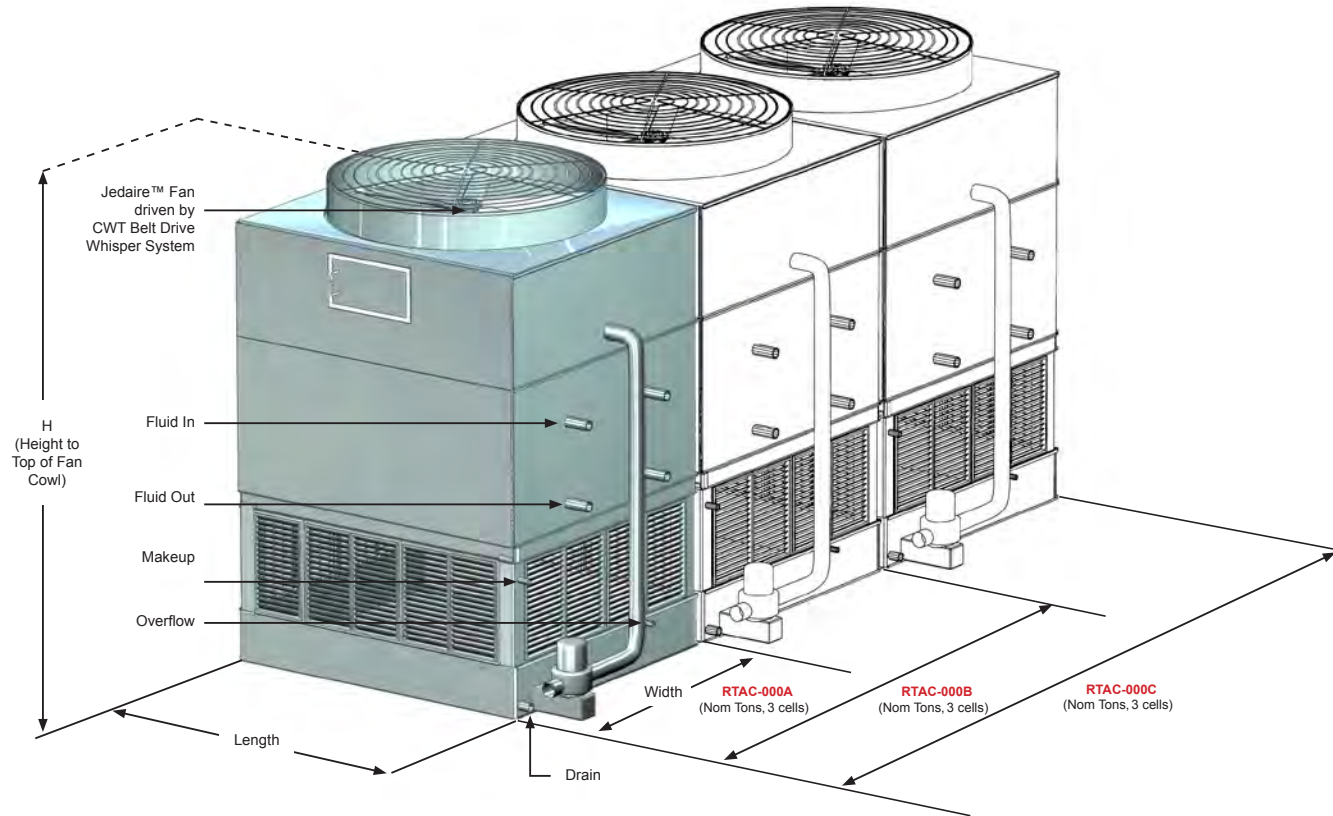
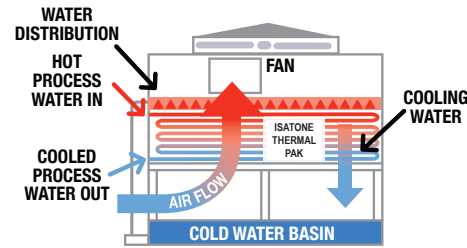


RTAC SERIES

CLOSED CIRCUIT

- Axial Fan
- Induced Draft
- Counterflow
- Belt Drive
- Medium to Large HVAC
- Low Sound
- Capacity 10 - 400 tons per cell

Features:
iD Intelligent Control, CoolCore™ Sheet and Block Fill, Jedair Fan System



FEATURES



- MODULAR DESIGN**
The RTAC Series is designed in modular sections to minimize weight and size and reduce crane installation costs.
- VERTICAL DESIGN**
Air recirculation is minimized by vertical design.

ALL-SIDE ACCESS

Access to the cold water basin is on all four sides of the tower via quick release louvers panels.

COOLCORE™ ISATONE™ THERMAL PAK COIL:
Serpentine, constructed of Heavy Gauge G-235 Galvanized Steel. For maximum heat transfer with minimum air resistance and best durability in its class.

FRAME CONSTRUCTION

The RTCF Series is frame constructed for increased durability and longer service life.

ANTI-CLOGGING NOZZLES

Wet deck is equipped with large orifice anti-clogging nozzles.

STAINLESS STEEL NO-VORTEX SUCTION STRAINER

Standard stainless steel suction strainer is part of the Cool Water Technologies Total Protection Layer to eliminate corrosion and decay. No-vortex design prevents turbulence and provides smooth water exit.

HEAVY DUTY CONSTRUCTION

Composite matrix, stainless steel and galvanized options.

WELDED COLD WATER BASIN

Galvanized or stainless steel.

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL
Offers superior heat transfer and withstands corrosion and biological attack.

RTAC SERIES



Engineering and Temperature Data for RTAC Single Cell Towers:

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTAC-13	13	4380	2710	2205	6'	4'	9'
RTAC-16	16	4210	2740	2235			10'
RTAC-21	21	4220	2750	2245			10'6"
RTAC-15	15	4680	3080	2575	9'	4' 6"	9'
RTAC-18	18	4710	3090	2605			9' 6"
RTAC-23	23	4820	3120	2615			10'
RTAC-18	18	5210	3490	2985			
RTAC-20	20	5240	3520	3015			
RTAC-26	26	5250	3530	3025			

RTAC-29	29	6390	4010	3345	12'	8' 6"	9'
RTAC-35	35	6220	4070	3405			11'6"
RTAC-32	32	6900	4560	3895			12'
RTAC-37	37	6960	4620	3955			13'
RTAC-33	33	7690	5150	4485			13'6"
RTAC-40	40	7750	5210	4545			14'

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTAC-102	102	15290	9900	8105	12'	8' 6"	11'6"
RTAC-117	117	15420	10030	8235			12'
RTAC-129	129	15480	10090	8295			13'
RTAC-140	140	15510	10120	8325			13'6"
RTAC-111	111	17430	11480	9685			14'
RTAC-128	128	17560	11610	9815			
RTAC-141	141	17620	11670	9875			
RTAC-151	151	17650	11700	9905			
RTAC-141	141	19700	13190	11395			
RTAC-155	155	19960	13250	11455			
RTAC-166	166	19790	13280	11485			
RTAC-176	176	19840	13330	11535			
RTAC-157	157	21900	14830	13035			
RTAC-172	172	21940	14890	13095			
RTAC-185	185	21990	14920	13125			
RTAC-195	195	22040	14980	13175			
RTAC-175	175	24390	16760	14930			
RTAC-192	192	24450	16820	15025			
RTAC-206	206	24480	16850	15055			
RTAC-218	218	24530	16900	15105			

RTAC SERIES

Engineering and Temperature Data for RTAC Single Cell Towers:

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTAC-112	112	19810	12350	9805	12'	9' 10"	13'6"
RTAC-128	128	19940	12480	9935			
RTAC-142	142	20000	12540	9995			
RTAC-154	154	20030	12570	10025			
RTAC-164	164	20080	12620	10075			
RTAC-121	121	22350	14230	11685		14'	
RTAC-140	140	22460	14360	11815			
RTAC-155	155	22540	14420	11875			
RTAC-167	167	22570	14450	11905			
RTAC-177	177	22620	14500	11950			
RTAC-135	135	24790	16010	13460		15'	
RTAC-155	155	24920	16140	13590			
RTAC-171	171	24980	16200	13650			
RTAC-184	184	25010	16230	13680			
RTAC-195	195	25060	16280	13730			

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT			
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION						
RTAC-151	151	27360	17930	15380	12'	9' 10"	15'6"			
RTAC-173	173	27490	18060	15510						
RTAC-190	190	27550	18120	15570						
RTAC-204	204	27580	18150	15600						
RTAC-216	216	27630	18200	15650						
RTAC-171	171	30260	20170	17620				18'	10'	13'6"
RTAC-194	194	30390	20300	17750						
RTAC-213	213	30450	20360	17810						
RTAC-229	229	30480	20390	17840						
RTAC-243	243	30530	20440	17890						
RTAC-165	165	28820	17590	13940						
RTAC-190	190	28950	17720	14070						
RTAC-209	209	29010	17780	14130						
RTAC-225	225	29040	17810	14160						
RTAC-239	239	29090	17860	14210						
RTAC-262	262	29250	18020	14370						

CWT together with Rosenwach Tank take care of every stage from model specification to having your tower up-and-running.

Note: Specifications are per unit. Drawings not for engineering purposes and are subject to final engineering approval. For your Project Specific CAD drawing please contact us at info@coolwatertech.com

RTAC SERIES

Engineering and Temperature Data for RTAC Single Cell Towers:



MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTAC-222	222	44520	29310	25660	18'	10'	15'6"
RTAC-253	253	44650	29440	25790			
RTAC-277	277	44710	29500	25850			
RTAC-297	297	44740	29530	25880			
RTAC-314	314	44790	29580	25930			
RTAC-344	344	44950	29740	26090			
RTAC-144	144	22870	14250	11540			
RTAC-160	160	22930	14310	11600			
RTAC-173	173	22960	14340	11630			
RTAC-185	185	23010	14390	11680			
RTAC-158	158	26000	16560	13850	14'		
RTAC-175	175	26060	16620	13910			
RTAC-189	189	26090	16650	13940			
RTAC-201	201	26140	16700	13990			
RTAC-222	222	26300	16860	14150			

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTAC-119	119	17460	11200	9195	14'	8'6"	11'6"
RTAC-136	136	17590	11330	9325			
RTAC-150	150	17650	11390	9385			
RTAC-162	162	17680	11420	9415			
RTAC-147	147	20070	13150	11145			
RTAC-161	161	20130	13210	11205			
RTAC-173	173	20160	13240	11235			
RTAC-184	184	20210	13290	11285			
RTAC-159	159	22560	14990	12985			13'
RTAC-175	175	22620	15050	13045			
RTAC-187	187	22650	15080	13075			
RTAC-199	199	22700	15130	13125			
RTAC-192	192	25180	16950	14945			
RTAC-206	206	25210	16980	14975			
RTAC-218	218	25260	17030	15025			
RTAC-212	212	28100	19210	17205	14'		
RTAC-227	227	28130	19220	17235			
RTAC-241	241	28180	19290	17285			

RTAC SERIES

Engineering and Temperature Data for RTAC Single Cell Towers:

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTAC-194	194	29050	18800	16090	12'	12'	15'
RTAC-209	209	29080	18830	16120			
RTAC-222	222	29130	18880	16170			
RTAC-244	244	29290	19040	16330			
RTAC-233	233	32250	21190	18480			15'6"
RTAC-247	247	32300	21240	18530			
RTAC-272	272	32460	21400	18690			
RTAC-262	262	35690	23810	21100			
RTAC-277	277	35740	23860	21150	18'	12'	14'6"
RTAC-304	304	35900	24020	21310			
RTAC-234	234	33110	20220	16300			
RTAC-253	253	33140	20250	16330			
RTAC-268	268	33190	20300	16380			15'
RTAC-296	296	33350	20460	16540			
RTAC-248	248	37770	23650	19730			
RTAC-268	268	37800	23680	19760			
RTAC-284	284	37850	23730	19810			
RTAC-312	312	38010	23890	19970			
RTAC-335	335	38020	23900	19980			

RTAC SERIES

Engineering and Temperature Data for RTAC Single Cell Towers:



CWT together with Rosenwach Tank take care of every stage from model specification to having your tower up-and-running.

Note: Specifications are per unit. Drawings not for engineering purposes and are subject to final engineering approval. For your Project Specific CAD drawing please contact us at info@coolwatertech.com

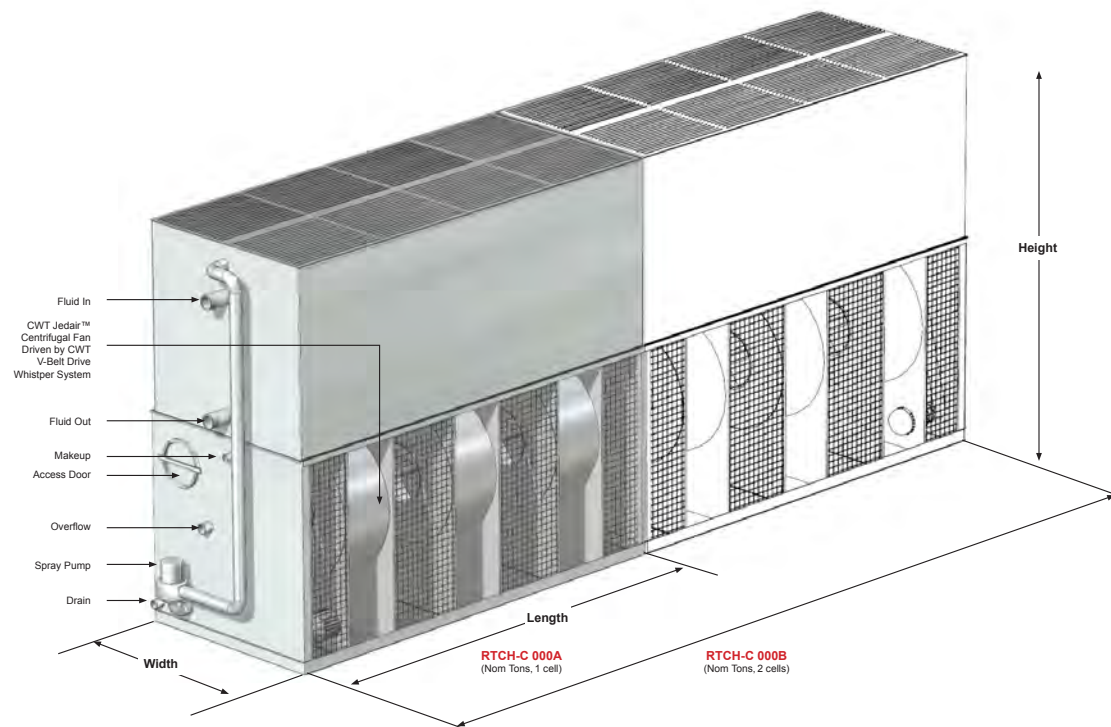
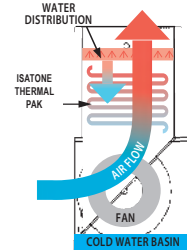
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RTCH-C SERIES

CLOSED CIRCUIT

Centrifugal Fan
Forced Draft
Counterflow
Belt Drive
Small - Medium HVAC
Capacity 5.5 - 500 tons

Features:
iD Intelligent Control, CoolCore™ Sheet and Block Fill, Jedair Fan System



FEATURES



MODULAR DESIGN
The RTCH-C Series is designed in modular sections to minimize weight and size and reduce crane installation costs.

CIRCULAR ACCESS DOOR

SINGLE SIDE AIR INTAKE
Accommodates sound-sensitive locations.

CENTRIFUGAL FAN

Low sound and extra power overcomes static pressure for external ducting, permitting indoor use.

FRAME CONSTRUCTION

The RTCH-C Series is frame constructed for increased durability and longer service life.

FIELD AND FACTORY INSTALLED

ANTI-CLOGGING NOZZLES

Wet deck is equipped with large orifice anti-clogging nozzles.

STAINLESS STEEL NO-VORTEX SUCTION STRAINER

Standard stainless steel suction strainer is part of the Cool Water Technologies Total Protection Layer to eliminate corrosion and decay.

No-vortex design prevents turbulence and provides smooth water exit.

HEAVY DUTY CONSTRUCTION

Composite matrix, stainless steel and galvanized options.

WELDED COLD WATER BASIN

Galvanized or stainless steel.

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL

Offers superior heat transfer and withstands corrosion and biological attack.

COOLCORE™ ISATONE™ THERMAL PAK COIL:

Serpentine, constructed of Heavy Gauge G-235 Galvanized Steel.

RTCH-C SERIES

Engineering and Temperature Data for RTAC Single Cell Towers:



MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCHC-4	4	1900	1600	1600	3'	4'	7' 4"
RTCHC-5	5	2100	1800	1000			8'
RTCHC-7	7	2300	2000	1100			8' 9"
RTCHC-8	8	2500	2100	1300			9' 5"
RTCHC-8	8	2600	2100	2100	8	4'	6' 7"
RTCHC-12	12	3000	2400	2400			7' 4"
RTCHC-18	18	3300	2600	1700			8'
RTCHC-19	19	3700	3000	2000			8' 9"
RTCHC-21	21	4000	3100	2300			9' 5"

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCHC-21	21	4900	3800	2400	9	4'	7' 6"
RTCHC-25	25	4900	3800	2500			8' 4"
RTCHC-31	31	5500	4100	2900			9'
RTCHC-33	33	6000	4600	3200	12	4'	10'
RTCHC-36	36	6300	4800	3200			8'3"
RTCHC-39	39	7000	5300	3700			9'
RTCHC-41	41	7700	5800	4200			9'10"
RTCHC-43	43	8400	6300	4700			10' 7"

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCHC-48	48	10200	7900	4900	12	4'	10'
RTCHC-57	57	11400	8500	5900			10' 9"
RTCHC-62	62	12700	9300	6600			11' 6"
RTCHC-66	66	15700	10700	6600	11' 8"	4'	11' 4"
RTCHC-71	71	17400	12000	8000			12' 1"
RTCHC-76	76	18000	12480	8400			12' 10"

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCHC-71	71	18400	12800	8500	11' 8"	7'10-1/2"	13' 6"
RTCHC-87	87	21400	14200	9900			14' 4"
RTCHC-100	100	22300	14900	10500			15' 1"
RTCHC-112	112	25600	16400	10400	17' 9"	7'10-1/2"	12' 9"
RTCHC-130	130	28500	18500	12600			13' 6"
RTCHC-138	138	31600	20800	14600			14' 4"

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCHC-143	143	38900	25600	8500	23' 9"	11' 10"	13' 6"
RTCHC-174	174	42800	28400	9900			14' 4"
RTCHC-201	201	44600	29800	10500			15' 1"
RTCHC-223	223	51300	32800	12000	35' 9"	7'10-1/2"	12' 9"
RTCHC-260	260	57000	36300	12600			13' 6"
RTCHC-275	275	151200	40500	14800			14' 4"

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCHC-114	114	27100	16500	10300	11' 8"	11' 10"	13'
RTCHC-123	123	30000	18600	12400			13' 9"
RTCHC-144	144	33000	20600	14400			14' 6"
RTCHC-165	165	40200	24200	15200	17' 8"	11' 10"	13'
RTCHC-203	203	44400	27200	18300			13' 9"
RTCHC-216	216	48600	30100	21400			14' 6"

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCHC-228	228	54300	32900	11400	23' 9"	11' 10"	13'
RTCHC-247	247	60800	37000	12400			13' 9"
RTCHC-286	286	65700	41000	14500			14' 6"
RTCHC-331	331	78200	46000	15600	35' 9"	11' 10"	13'
RTCHC-407	407	87100	52400	18300			13' 9"
RTCHC-431	431	96400	59200	21400			14' 6"

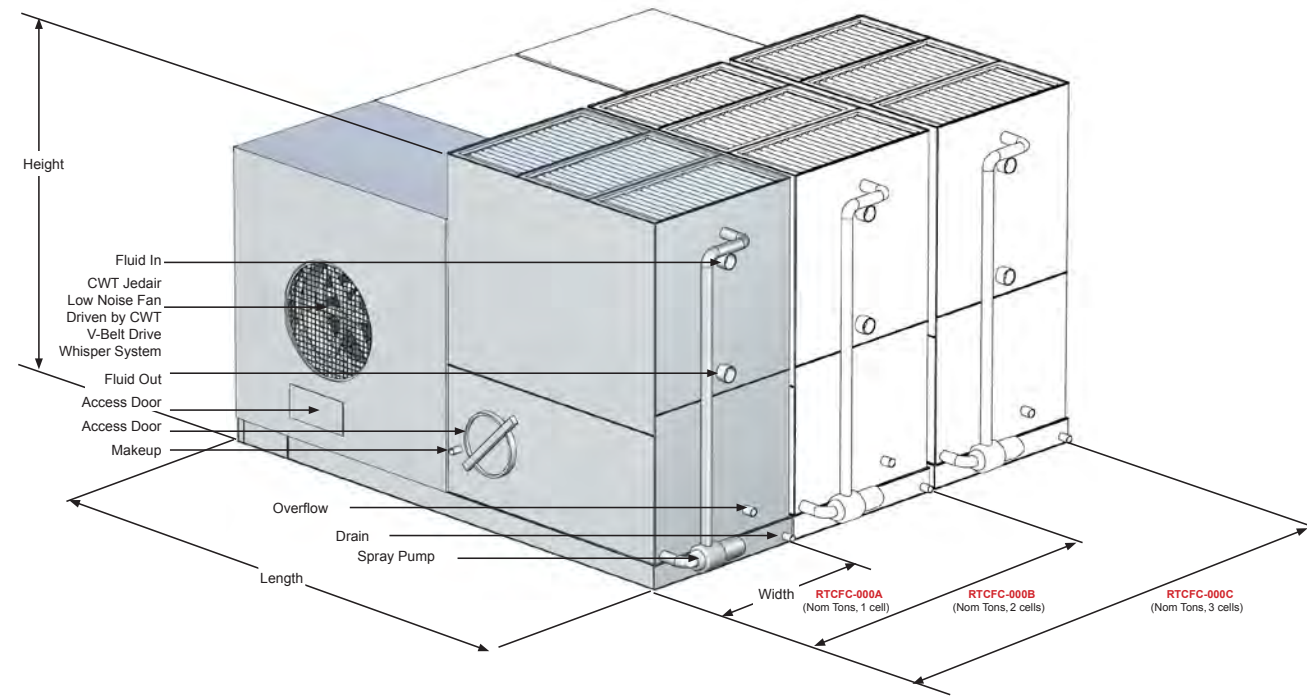
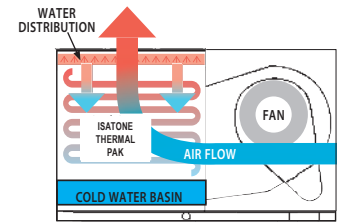


RTCF-C SERIES

CLOSED CIRCUIT

Centrifugal Fan
 Forced Draft
 Counterflow
 Belt Drive
 Small HVAC
 Capacity 4.5 - 200 tons per cell

Features:
 iD Intelligent Control, CoolCore™ Sheet and Block Fill, Jedair Fan System



FEATURES

ONE STOP INSTALLATION.

May be installed completely assembled with mounted motor and make-up system.

CIRCULAR ACCESS DOOR

SINGLE SIDE AIR INTAKE

Accommodates sound-sensitive locations.

CENTRIFUGAL FAN

Low sound and extra power overcomes static pressure for external ducting, permitting indoor use.

FIELD AND FACTORY INSTALLED

FRAME CONSTRUCTION

The RTCF Series is frame constructed for increased durability and longer service life.

ANTI-CLOGGING NOZZLES

Wet deck is equipped with large orifice anti-clogging nozzles.

STAINLESS STEEL NO-VORTEX SUCTION STRAINER

Standard stainless steel suction strainer is part of the Cool Water Technologies Total Protection Layer to eliminate corrosion and decay. No-vortex design prevents turbulence and provides smooth water exit.

HEAVY DUTY CONSTRUCTION

Composite matrix, stainless steel and galvanized options.

WELDED COLD WATER BASIN

Galvanized or stainless steel.

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL

Offers superior heat transfer and withstands corrosion and biological attack.

COOLCORE™ ISATONE™ THERMAL PAK COIL:

Serpentine, constructed of Heavy Gauge G-235 Galvanized Steel.

RTCF-C SERIES

Engineering and Temperature Data for RTAC Single Cell, Double Fan Towers:



MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)		LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING			
RTCFC-4	4	2600	1900	7' 1"	4' 1"	5' 6"
RTCFC-7	7	2800	2100			6' 4"
RTCFC-8	8	3200	2350			6' 10"
RTCFC-11	11	3400	2600			7' 7"
RTCFC-12	12	3400	2600			7' 7"

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)		LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING			
RTCFC-15	15	4600	3200	11'	4' 1"	6' 4"
RTCFC-18	18	5200	3500			6' 7"
RTCFC-23	23	5800	4000			7' 4"
RTCFC-26	26	5800	4000			7' 7"

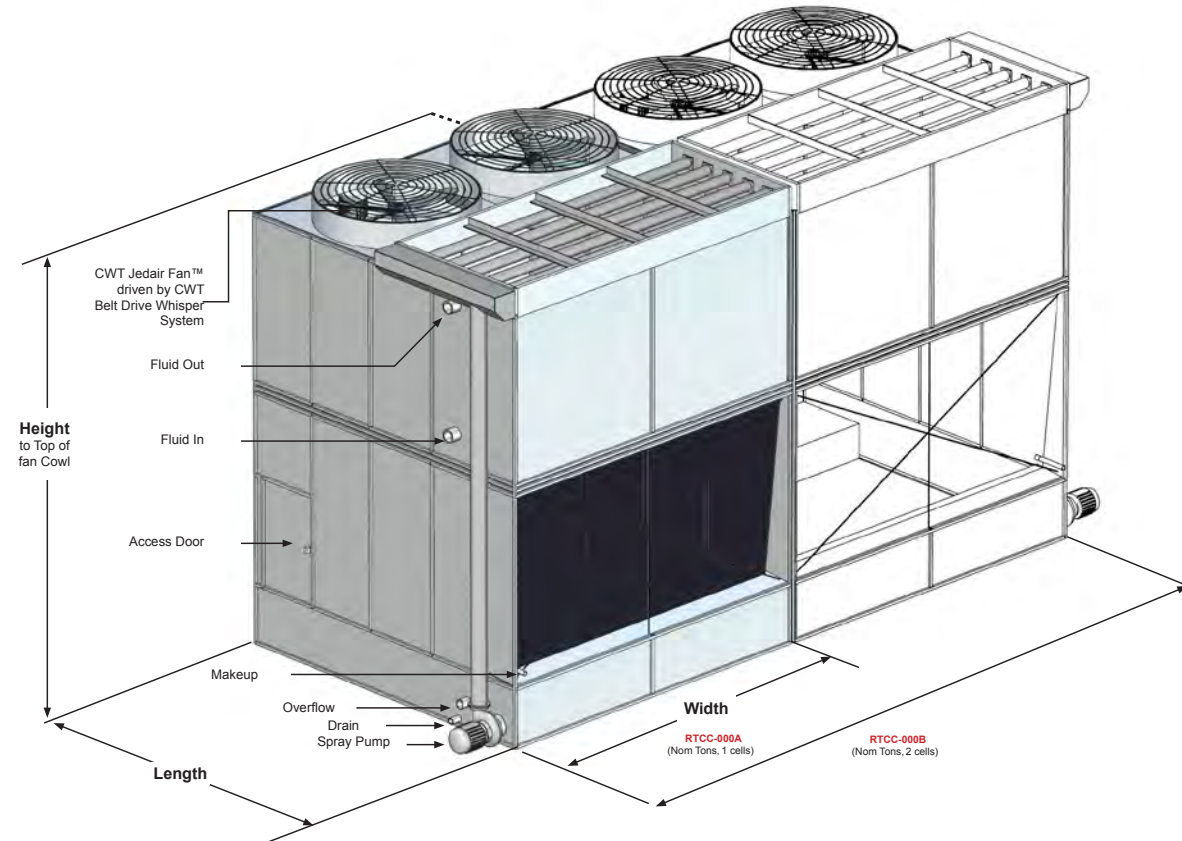
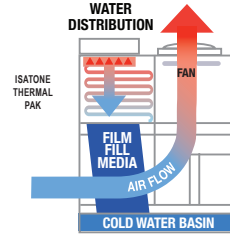
MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)		LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING			
RTCFC-31	31	7100	4700	15'	4' 1"	6' 10"
RTCFC-38	38	8000	5400			7' 9"
RTCFC-43	43	8000	5400			8'

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)		LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING			
RTCFC-38	38	8900	5600	18'	4' 1"	6' 10"
RTCFC-40	40	9900	6500			7' 9"
RTCFC-46	46	9900	6500			7' 9"
RTCFC-48	48	10900	7300			8' 5"

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)		LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING			
RTCFC-61	69	13600	8800	15'	7' 11"	7' 1"
RTCFC-66	75	13600	8800			7' 1"
RTCFC-71	81	15200	9900			8'
RTCFC-76	86	16600	11000			8' 8"
RTCFC-85	97	16600	11000			8' 8"
RTCFC-83	94	20700	13000	18'	7' 11"	8' 5"
RTCFC-95	108	20700	13000			8' 5"

Axial Fan
Induced Draft
Crossflow
Belt Drive
Large HVAC
Capacity 50 - 500 tons per cell

Features:
iD Intelligent Control, CoolCore™ Sheet and Block Fill, Jedair Fan System



FEATURES

MODULAR DESIGN

The RTCC Series is designed in modular sections to minimize weight and size and reduce crane installation costs.

SINGLE SIDE AIR INTAKE

Accommodates sound-sensitive locations.

AXIAL FAN

FRAME CONSTRUCTION

The RTCC Series is frame constructed for increased durability and longer service life.

FIELD AND FACTORY INSTALLED

ANTI-CLOGGING NOZZLES

Wet deck is equipped with large orifice anti-clogging nozzles.

STAINLESS STEEL NO-VORTEX SUCTION STRAINER

Standard stainless steel suction strainer is part of the Cool Water Technologies Total Protection Layer to eliminate corrosion and decay. No-vortex design prevents turbulence and provides smooth water exit.

HEAVY DUTY CONSTRUCTION

Composite matrix, stainless steel and galvanized options.

WELDED COLD WATER BASIN

Galvanized or stainless steel.

5 YEAR MOTOR AND DRIVE WARRANTY

COOLCORE™ SHEET AND BLOCK FILL

Offers superior heat transfer and withstands corrosion and biological attack.

COOLCORE™ ISATONE™ THERMAL PAK COIL:

Serpentine, constructed of Heavy Gauge G-235 Galvanized Steel.

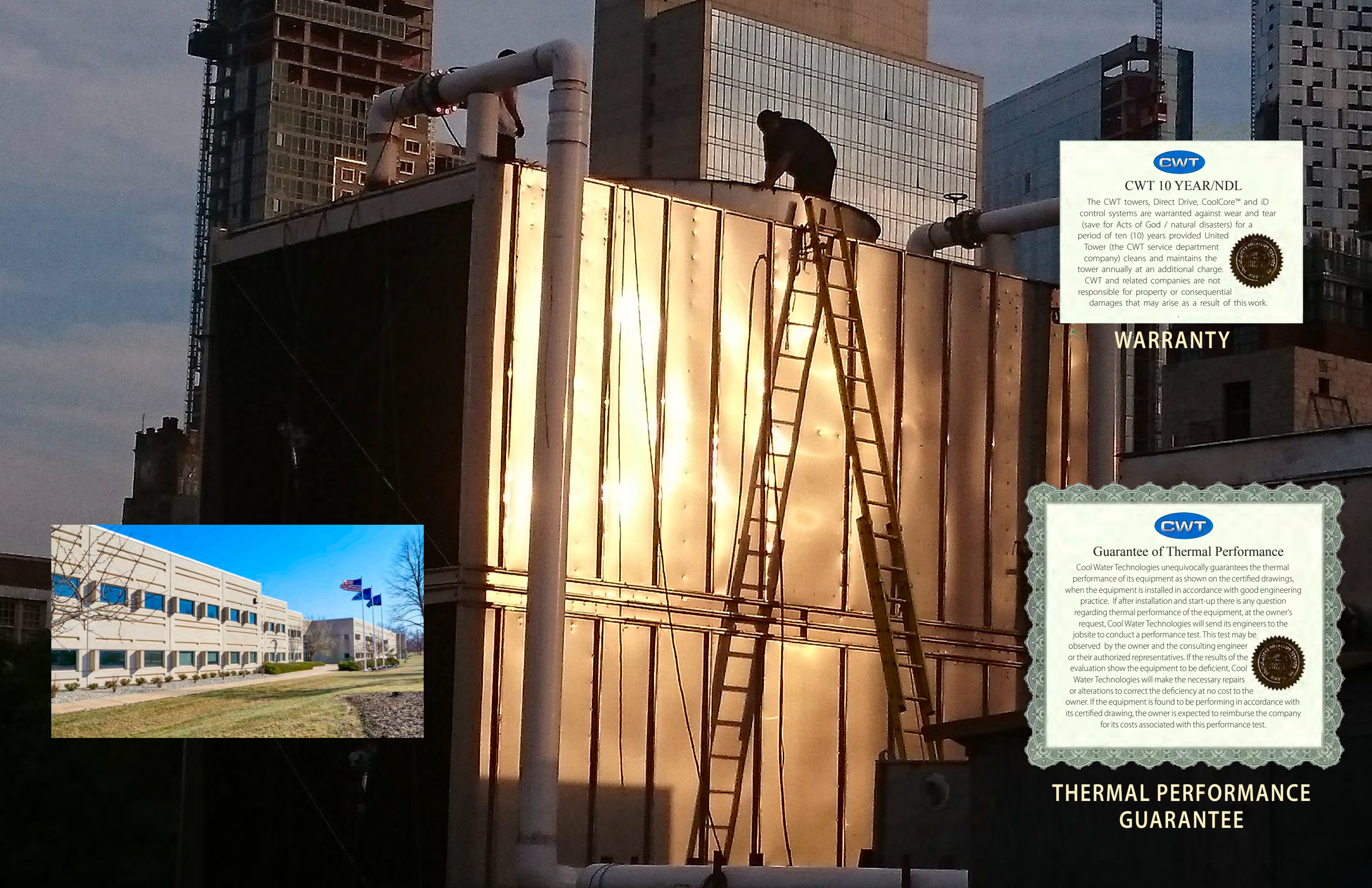
MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCC-29	29	7700	5000	2900	6' 1"	8' 5"	13' 3"
RTCC-40	40	8200	5400	3200			
RTCC-46	46	8700	5700	3600			
RTCC-52	52	9200	6000	3900			

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCC-50	50	11250	7200	4250	9' 1"	8' 5"	13' 3"
RTCC-64	64	11950	7700	4700			
RTCC-71	71	12600	8200	5200			
RTCC-84	84	13400	8700	5800			

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCC-81	81	14200	8800	5200	12' 1"	8' 5"	13' 3"
RTCC-98	98	15200	9400	5800			
RTCC-107	107	16100	10100	6400			
RTCC-123	123	17100	10800	7200			
RTCC-77	77	15200	9400	5800			
RTCC-110	110	17100	10800	7200			

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCC-127	127	18600	10900	6700	12' 1"	11' 10"	15' 11"
RTCC-154	154	20100	12000	7800			
RTCC-170	170	21600	13000	8800			
RTCC-189	189	23100	14000	10000			
RTCC-118	118	20100	12000	7800			
RTCC-164	164	23100	14000	10000			

MODEL NUMBER	NOM. TONS	CELL WEIGHTS (LBS)			LENGTH	WIDTH	HEIGHT
		OPERATING WEIGHT	SHIPPING	HEAVIEST SECTION			
RTCC-203	203	27100	15500	9700	18' 1"	11' 10"	16' 4"
RTCC-235	235	29300	17100	11300			
RTCC-260	260	31600	18700	12900			
RTCC-291	291	33900	20300	14500			
RTCC-189	189	29300	17100	11300			
RTCC-263	263	33800	20300	14500			



CWT 10 YEAR/NDL

The CWT towers, Direct Drive, CoolCore™ and iD control systems are warranted against wear and tear (save for Acts of God / natural disasters) for a period of ten (10) years provided United Tower (the CWT service department company) cleans and maintains the tower annually at an additional charge. CWT and related companies are not responsible for property or consequential damages that may arise as a result of this work.

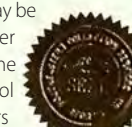


WARRANTY



Guarantee of Thermal Performance

Cool Water Technologies unequivocally guarantees the thermal performance of its equipment as shown on the certified drawings, when the equipment is installed in accordance with good engineering practice. If after installation and start-up there is any question regarding thermal performance of the equipment, at the owner's request, Cool Water Technologies will send its engineers to the jobsite to conduct a performance test. This test may be observed by the owner and the consulting engineer or their authorized representatives. If the results of the evaluation show the equipment to be deficient, Cool Water Technologies will make the necessary repairs or alterations to correct the deficiency at no cost to the owner. If the equipment is found to be performing in accordance with its certified drawing, the owner is expected to reimburse the company for its costs associated with this performance test.



THERMAL PERFORMANCE GUARANTEE



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