REYMSA®

The *All-Fiberglass* Cooling Towers

High Performance & Quality
with Maximum Durability

RT SERIES

THERMAL PERFORMANCE CERTIFIED BY
THE COOLING TECHNOLOGY INSTITUTE

CTI CERTIFIED

REYMSA Cooling Towers:

The best choice

The future in cooling tower construction is offered today at REYMSA.

REYMSA's commitment for over 40 years to build only the best cooling towers for both the commercial and industrial cooling tower markets and providing solutions to our customer's needs has made REYMSA the leader in high grade fiberglass cooling towers.

The new RT series is a direct result of REYMSA's commitment to these principles.

The RT series as with all REYMSA's products are performance certified by the Cooling Technology Institute and made from 100% high grade FRP (Fiberglass Reinforced Polyester). The following pages will bring you to the same conclusion that our many repeat customers have that REYMSA is the best choice for your water cooling needs.

Turning ideas into action

REYMSA's commitment is to provide the best cooling towers in the market. We have been working continuously on technology development, improvement and design of new products to comply and exceed our customers' needs and expectations, the RT Series of REYMSA is the result of this commitment.

Improved design

Substantial savings

Easy assembly

THERMAL PERFORMANCE CERTIFIED BY THE COOLING TECHNOLOGY INSTITUTE.

REYMSA´s RT Series tower models are certified by the CTI in accordance to Standard 201.

Design Features

Durable heavy duty construction

All fiberglass and seamless construction

Offers long service life, minimum to zero maintenance and no water leaking problems.

Direct drive system

Offers minimum to zero maintenance by eliminating pulleys, belts, fan shaft, bearings, gearboxes, couplings and alignment issues.

WARRANTY 15 YEARS FRP Casing & Structure

Longer life span

REYMSA's all high-grade fiberglass construction will deliver a tower with 2 times the life span of galvanized steel tower.

Modular configuration

For increase capacities and accommodate any heat load.

Low environmental impact

Our equipment and motors are designed to conserve water and save energy. Meet or exceed ASHRAE Standard 90.1-2013 efficiency requirements.

Low sound & super low sound fan

REYMSA offers these optional models for sound sensitive areas.

Small footprint

Offers excellent performance in a compact footprint.

Material of Construction

High durable construction materials

FRP has proven it's durability in cooling towers over the last 40 years. FRP is replacing treated wood as the material of choice for structural framing easily more than doubling the expected life of large industrial field erected cooling towers.

Why FRP?

The polyester resin can be seen as the cement and the fiberglass as the reinforced bars in the concrete. REYMSA adds several layers of thick high grade fiberglass woven mats that results in the structural integrity that REYMSA's customers have come to depend on.

Great chemical and weather resistance

REYMSA only uses the highest quality isophthalic polyester resin that offers the best resistance to UV, chemical and hard water attacks. REYMSA recommends using 30 years for life cycle cost analysis based on CTI Guideline 152*. REYMSA's experience and our supplier's is that using our high grade isophthalic polyester resin will have a much longer undetermined life.

There is an industry trend towards non-chemical water treatment systems that provides for less make-up water and higher cycles of concentration. However these higher cycles of water concentrations results in levels of chloride that steel towers (galvanized or stainless) cannot tolerate. This is not a concern for REYMSA tower owners.

*CTI Guideline 152, page 5 of 16, section 1.3: "Life of Structure - A reasonable anticipated life of 30-35 years can be expected from an FRP structure tower".

FRP constructed properties

- Corrosion resistant.
- Life expectancy of 30 plus years.
- Structural integrity.
- UV protection.

Corrosion resistance

Proven excellent material against aggressive chemical water treatment.

Zero to minimum maintenance required

- Only for appearance purposes, such as cleaning dust and waxing the tower casing.
- Seamless cold water basin and body casing.
- Rinse out the cold water basin to keep the formation of algae to a minimum.

Very easy to work with

FRP can be repaired to its condition with high grade resin material readily available everywhere.

Stability

FRP expands and contracts like stainless steel. However, unlike steel towers that use caulked seams in the cold water basin, REYMSA has a seamless cold water basin and body casing that eliminates the possibility of leaks.

Direct Drive Advantages

No belts to adjust, no gear boxes to lubricate

Typically a belt drive system requires quarterly service for checking and readjusting the tension of the belt, lubrication of fan shaft bearings, lubrication of the motor base adjusting screws and drive alignment to ensure maximum belt life.

Our direct drive motors eliminate the frequent service required by belt drives that have higher operational and maintenance costs.

Advantages

- Direct drive eliminates the use of pulleys, belts and bearings.
- No coupling or drive shaft inspections.
- No gear box oil to change or dispose of.

Fewer components reduces the probability of failure

The Direct Drive is by far the “most reliable” with NO unnecessary parts to fail between the motor and the fan.

Direct drive on all of our tower models, for a more reliable operation with much lower service and operation costs and minimal risk of failure.

REYMSA’s larger tonnage towers will use multiple direct drive fan/motors that can be cycled independent, and offering continued cooling tower operation if a motor should fail.

High Efficiency Components

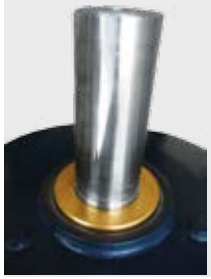
Motors designed for the challenge

All of our towers feature motors that exceed the Cooling Tower duty characteristics:

- Severe Duty.
- Marine Duty.
- Inverter Rated.
- Epoxy coated (internal and external).
- Premium efficient motor.
- Cast iron construction.
- Inpro/Seal VBX bearing isolator for added protection[1].

Minimal risk of failure

Over 51% of motor malfunctions are caused by bearing failure due to contamination ingress and lubrication loss. REYMSA motor bearings are protected by Inpro/Seal VBX to prevent the risk of failure.



The perfect protection

[1] The Inpro/Seal VBX Bearing Isolator is a non-contacting, non-wearing, permanent bearing protection device, consists of a unitized stator and rotor that form a compound labyrinth seal with no wearing parts, manufactured in bronze for more extreme conditions. VBX ring blocks the transfer of vapor contamination created by heating/cooling of the bearing enclosure, maintenance free, zero energy consumption.

Improved Design High Performance Fan Blades

REYMSA has selected the “best choice” in fan assemblies to meet our commitment to quality. The fan assembly consist of a cast aluminum hub with adjustable pitch air foil or sickle blades molded with fiberglass reinforced polyamide. Ambient operating air temperatures may fluctuate from -50°F to 250°F. The materials used are spark and corrosive resistant.

Fill Media & Air Inlet Louvers

We use high quality PVC fill that is UV stabilized, resistant to weather exposure, chemical degradation from alkali, acids and biological attack.

REYMSA provides triple pass PVC air inlet louvers, designed to:

- Minimize direct sunlight to the water.
- Reduce splash out - reduced make-up water and chemicals.
- Reduce noise while having low pressure drop that results in less fan motor energy consumption.
- The potential of algae growth is reduced, therefore reducing water treatment and maintenance cost.
- UV stabilized - longer service life.

Additional characteristics are its durability by being corrosion-free and impervious to chemical attacks.

Water Distribution System

Our hot water distribution system is manufactured from PVC to eliminate corrosion, assuring a long service life and maximum reliability. After the water distribution system is assembled, REYMSA test it for leaks with 40 psig water pressure.

Spray Nozzles

REYMSA uses 2 ½" N.P.T. nozzle with interchangeable internal components for its non-clogged design and its unique square water spray pattern.

The square spray pattern provides the best choice for a reliable fill coverage and results in an optimal thermal performance.

This industrial nozzle handles flow rates of 10 times per nozzle more than the typical cooling tower nozzle and has over 30 years of experience in power plant and large industrial cooling tower applications.

Low Sound Solutions

Some applications will require that our cooling towers meet or comply with lower sound levels than our standard.

The RT Series, as with all of REYMSA's products, is available with our optional "Low Sound" or "Super Low Sound" level fan designs.

Features

- Lower sound level.
- Direct Drive system.
- Adjustable pitch air foil or sickle blades molded with fiberglass reinforced polyamide.
- Lower RPM motors / fan design for additional sound reduction.
- Tower performance CTI certified.

If you have such an applications, contact your local REYMSA representative for assistance in the proper cooling tower selection.

Optimal Design System

Easy maintenance

Every REYMSA cooling tower includes a bolted access door for complete access to both the spray water system and fill.

Removing the air inlet louvers gives the service people complete access to the cold water basin for inspection & cleaning.

Factory tests

Every tower is assembled and tested at our factory prior to shipment to ensure the tower is in optimal condition.

Easy Field Assembly

- REYMSA ships their towers in a modular section design for fast assembly.
- Assembly is reduced to placing and bolting the fan duct and the body section.
- Easy assembly of all our towers results in lower installed cost.

Optional Equipment

Access Ladders & Handrails

For safe access to fan assemblies (In stainless or galvanized steel).

Air Deflectors

Made of a curved deflecting surface that redirects air and sound.

Basin Heaters

Designed to provide freeze protection during shutdown or standby conditions. Includes heater element, thermostat, and low water level safety cutoff.

Davit / Hoist

For motor removal where crane access is difficult.

Electric Water Level Control

Includes water level controller, stilling chamber, and solenoid valve for make up water.

Flame Retardant Resin

Controls the spread of flame meeting the ASTM-E84 standard.

Non-Skid Catwalk

Access platform for maintenance and servicing (in stainless or galvanized steel).

Vibration Cutoff Switches

Vibration switch interrupts the power to the fan motor, when triggered by excessive vibration or shock.

Centrifugal Separator / Sweeper Piping

Mechanical device that uses the principle of centrifugal force and friction to cause the separation of suspended solids from liquids, effectively removing suspended particles larger than 40 microns form a variety of fluids.

Sand Filtration System: RFS Series / Sweeper Piping

Capable of removing suspended particulates down to 5 micron, designed to maximize filtration flow and minimize backwash time and volume.

Colors

REYMSA towers are available in several colors that match our customer's needs.

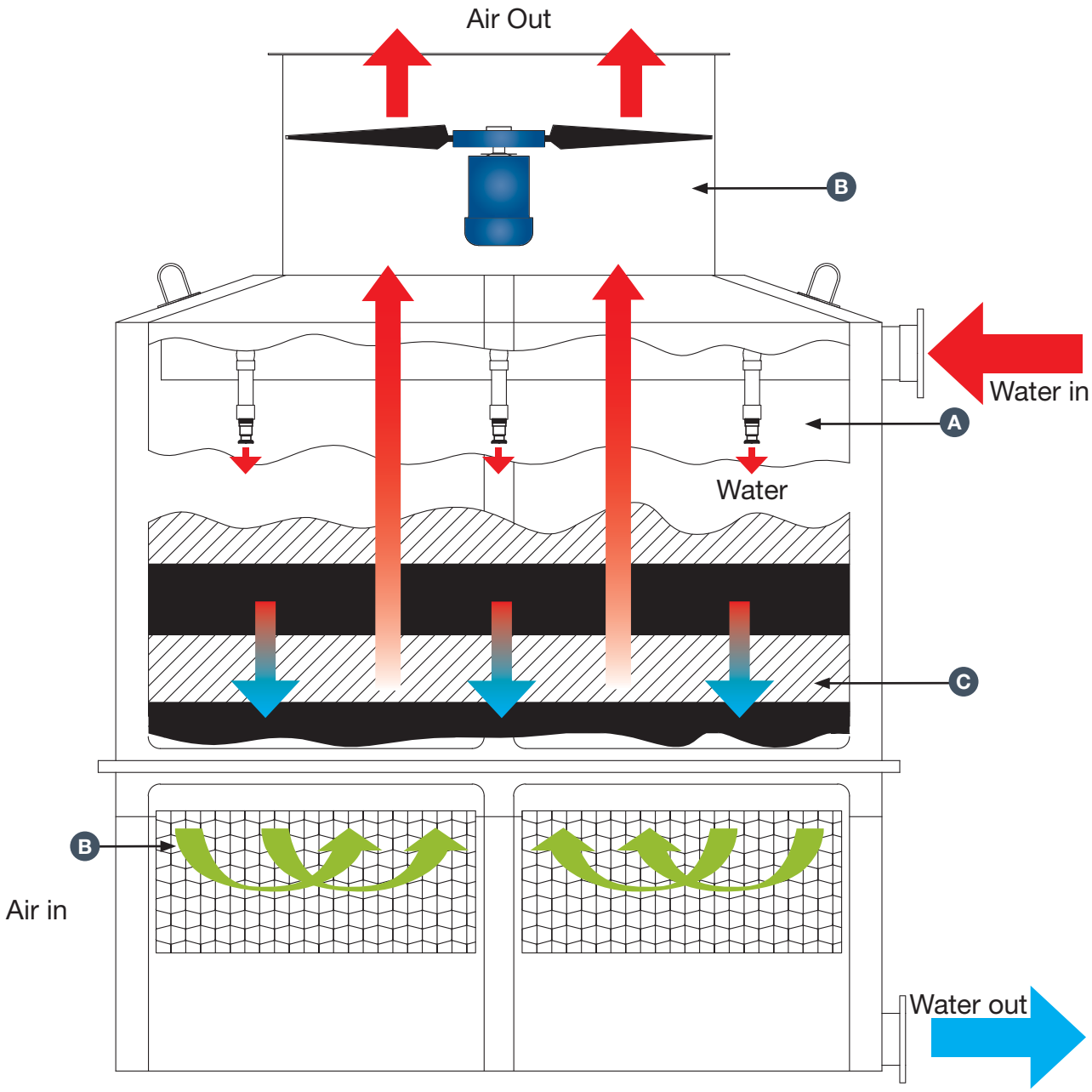
Light Grey | Grey | Tan

Operation Principle

A. Hot water inlet is distributed over the fill media through spray nozzles.

B. Tower fans draw ambient air into the tower, making contact with the water as it travels through the fill.

C. Heat transfer takes place between the water and the air in the fill media, resulting in latent and sensible cooling.

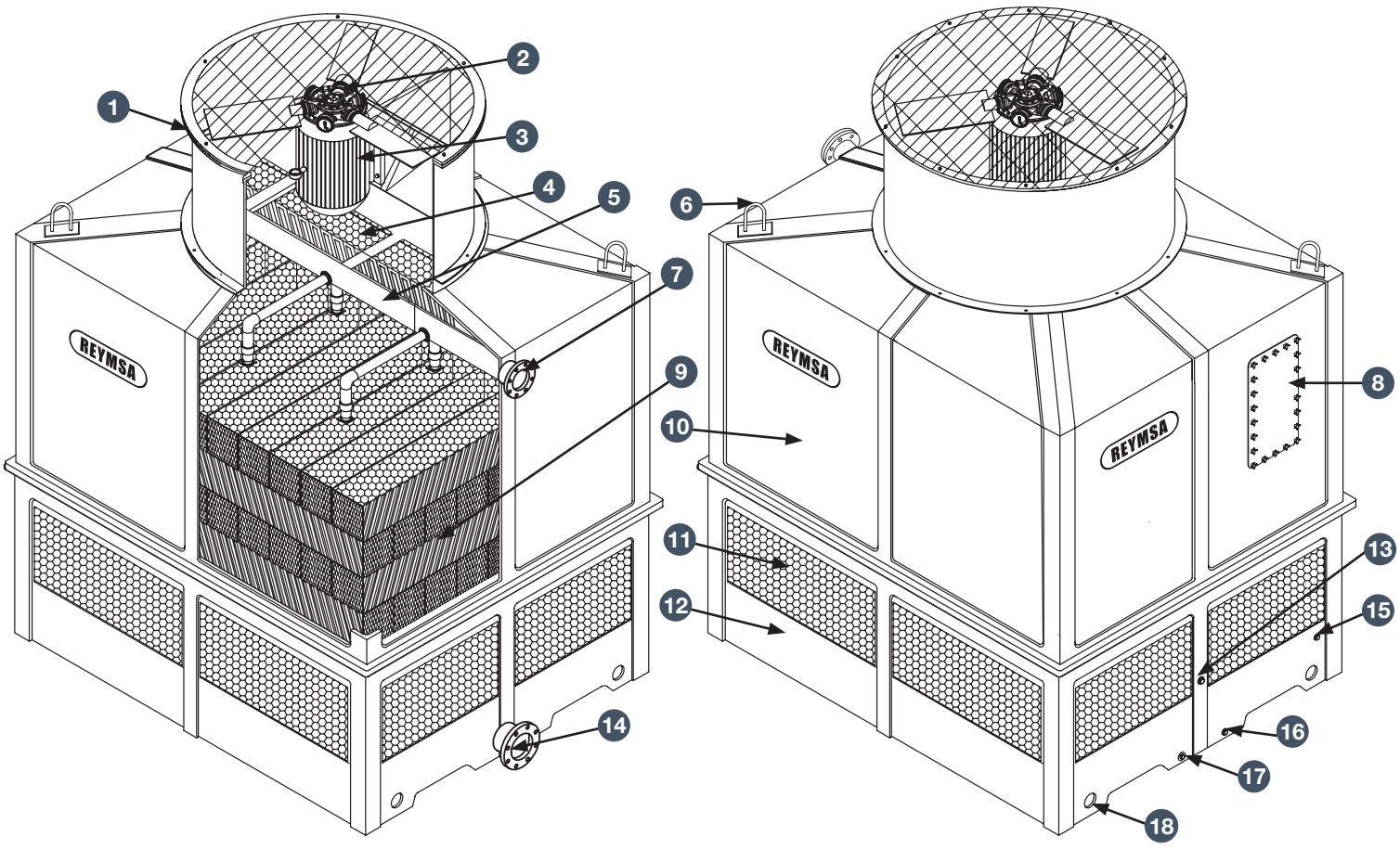


Construction Details

1. Fan cylinder with fan motor support
2. Fan assembly
3. Motor
4. Drift eliminator
5. Water distribution manifold
6. Lifting eyes
7. Hot water inlet
8. Removable access door
9. Heat transfer cellular fill
10. Body section
11. Removable air inlet louvers
12. Cold water basin section
13. Water make-up
14. Cold water outlet
15. Overflow
16. Drain
17. Purge
18. Mounting holes

Front

Back



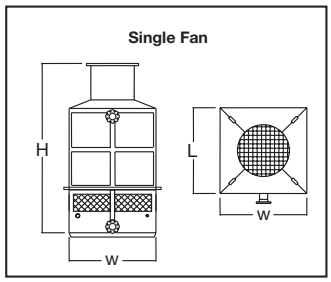
Engineering Data and Dimensions

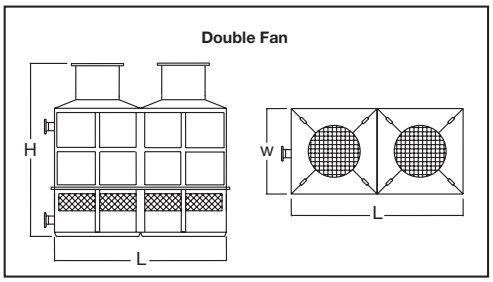
RT nomenclature

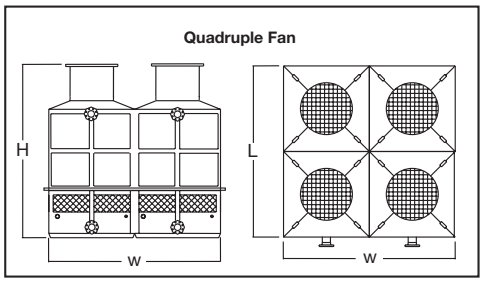
RT	8	10	1	10	B	LS	or	SLS
Series	Width	Length	# of motors	HP	Fill media type	Low Sound		Super Low Sound

	Model	HP	*Nominal tons				Dimensions (in)												Weight (lb)								
							RT-A			RT-B			RT-C			RT-D			RT-A		RT-B		RT-C		RT-D		Heaviest section
			RT-A	RT-B	RT-C	RT-D	L	W	H	L	W	H	L	W	H	L	W	H	Shipping	Operating	Shipping	Operating	Shipping	Operating	Shipping	Operating	
SINGLE FAN	RT-303115	1.5	24.4	25.2	25.2	26.2	44	38	134	44	38	134	44	38	134	44	38	162.5	845	1265	872	1336	839	1270	1015	1520	464
	RT-303102	2	26.5	26.5	27.3	27.6	44	38	134	44	38	134	44	38	134	44	38	162.5	845	1265	872	1336	839	1270	1015	1520	464
	RT-404103	3	44.1	45.5	46.4	49.1	56	50	143.5	56	50	143.5	56	50	143.5	56	50	172	1222	1950	1267	2073	1210	1958	1445	2319	642
	RT-404105	5	53.6	54.5	53.5	56.7	56	50	143.5	56	50	143.5	56	50	143.5	56	50	172	1222	1950	1267	2073	1210	1958	1445	2319	642
	RT-505103	3	61.3	62.5	61	64.3	68	62	148	68	62	148	68	62	148	68	62	176.5	1650	2986	1671	3125	1584	2951	1882	3441	890
	RT-505105	5	76.1	77.6	77.3	80.7	68	62	148	68	62	148	68	62	148	68	62	176.5	1650	2986	1671	3125	1584	2951	1882	3441	890
	RT-606105	5	91.1	94.5	93.6	99.2	80	74	148	80	74	148	80	74	148	80	74	176.5	2039	3921	2136	4186	2013	3938	2408	4606	1180
	RT-606175	7.5	107.9	112	113.4	118.7	80	74	148	80	74	148	80	74	148	80	74	176.5	2039	3921	2136	4186	2013	3938	2408	4606	1180
	RT-707105	5	124.2	129.2	126.7	133.1	92	86	170	92	86	170	92	86	170	92	86	198.5	2782	5963	2913	6320	2742	5980	3224	6831	1515
	RT-707175	7.5	145.2	148.7	146.7	153.2	92	86	170	92	86	170	92	86	170	92	86	198.5	2782	5963	2913	6320	2742	5980	3224	6831	1515
	RT-707110	10	157.9	159.7	159.7	166.1	92	86	170	92	86	170	92	86	170	92	86	198.5	2782	5963	2913	6320	2742	5980	3224	6831	1515
	RT-708105	5	133.8	139.6	136	142.4	104	86	170	104	86	170	104	86	170	104	86	198.5	3178	6777	3327	7182	3133	6797	3676	7757	1820
	RT-708175	7.5	156.6	159.6	158.1	166	104	86	170	104	86	170	104	86	170	104	86	198.5	3178	6777	3327	7182	3133	6797	3676	7757	1820
	RT-708110	10	170	174.1	172.4	181	104	86	170	104	86	170	104	86	170	104	86	198.5	3178	6777	3327	7182	3133	6797	3676	7757	1820
	RT-708115	15	192	195.8	187.3	203.7	104	86	170	104	86	170	104	86	170	104	86	198.5	3178	6777	3327	7182	3133	6797	3676	7757	1820
	RT-709105	5	140.8	148.3	141.7	152.7	116	86	170	116	86	170	116	86	170	116	86	198.5	3309	7340	3476	7792	3259	7362	3833	8402	1905
	RT-709175	7.5	167.9	171.2	169.5	179.7	116	86	170	116	86	170	116	86	170	116	86	198.5	3309	7340	3476	7792	3259	7362	3833	8402	1905
	RT-709110	10	184	185.8	184	193.3	116	86	170	116	86	170	116	86	170	116	86	198.5	3309	7340	3476	7792	3259	7362	3833	8402	1905
	RT-709115	15	205.9	209.1	209.1	219.6	116	86	170	116	86	170	116	86	170	116	86	198.5	3309	7340	3476	7792	3259	7362	3833	8402	1905
	RT-808105	5	155	157.4	150.7	162.1	104	98	175	104	98	175	104	98	175	104	98	203.5	3513	7607	3683	8070	3461	7630	4146	8791	1905
	RT-808175	7.5	176.1	179.7	179.6	186.9	104	98	175	104	98	175	104	98	175	104	98	203.5	3513	7607	3683	8070	3461	7630	4146	8791	1905
	RT-808110	10	192.9	197.6	193.8	201.6	104	98	175	104	98	175	104	98	175	104	98	203.5	3513	7607	3683	8070	3461	7630	4146	8791	1905
	RT-808115	15	215.9	220.5	214	227.1	104	98	175	104	98	175	104	98	175	104	98	203.5	3513	7607	3683	8070	3461	7630	4146	8791	1905
	RT-810105	5	167.8	175.2	170.1	182.4	128	98	175	128	98	175	128	98	175	128	98	203.5	4174	9217	4384	9788	4110	9246	4813	10537	2345
	RT-810175	7.5	198.3	205.6	200.3	211.8	128	98	175	128	98	175	128	98	175	128	98	203.5	4174	9217	4384	9788	4110	9246	4813	10537	2345
	RT-810110	10	215.9	220.5	218.4	229.3	128	98	175	128	98	175	128	98	175	128	98	203.5	4174	9217	4384	9788	4110	9246	4813	10537	2345
	RT-810115	15	245.4	252.7	250.3	262.8	128	98	175	128	98	175	128	98	175	128	98	203.5	4174	9217	4384	9788	4110	9246	4813	10537	2345
	RT-810120	20	269.6	276.6	267.3	287.7	128	98	175	128	98	175	128	98	175	128	98	203.5	4174	9217	4384	9788	4110	9246	4813	10537	2345
	RT-812105	5	182	188.4	182.1	196.8	152	98	175	152	98	175	152	98	175	152	98	203.5	4890	12066	5140	12746	4814	12099	5607	13593	2910
	RT-812175	7.5	212.9	223.1	213.7	231.1	152	98	175	152	98	175	152	98	175	152	98	203.5	4890	12066	5140	12746	4814	12099	5607	13593	2910
	RT-812110	10	233.3	243.3	236.7	253.1	152	98	175	152	98	175	152	98	175	152	98	203.5	4890	12066	5140	12746	4814	12099	5607	13593	2910
	RT-812115	15	270	280.4	272.3	288.8	152	98	175	152	98	175	152	98	175	152	98	203.5	4890	12066	5140	12746	4814	12099	5607	13593	2910
	RT-812120	20	296.3	305.6	299.7	317.8	152	98	175	152	98	175	152	98	175	152	98	203.5	4890	12066	5140	12746	4814	12099	5607	13593	2910
	RT-812125	25	318	328.7	321	341.8	152	98	175	152	98	175	152	98	175	152	98	203.5	4890	12066	5140	12746	4814	12099	5607	13593	2910
DOUBLE FAN	RT-714205	(2) 5	250.8	256.5	251.7	261.7	176.5	86	170	176.5	86	170	176.5	86	170	176.5	86	198.5	5191	12543	5445	13233	5113	12577	5479	13653	2850
	RT-714275	(2) 7.5	289.4	295	292.2	306.8	176.5	86	170	176.5	86	170	176.5	86	170	176.5	86	198.5	5191	12543	5445	13233	5113	12577	5479	13653	2850
	RT-714210	(2) 10	311	320.3	314.1	333.1	176.5	86	170	176.5	86	170	176.5	86	170	176.5	86	198.5	5191	12543	5445	13233	5113	12577	5479	13653	2850
	RT-816205	(2) 5	303.4	313.8	301.7	323.3	200.5	98	180.5	200.5	98	180.5	200.5	98	180.5	200.5	98	209	6730	16236	7060	17133	6630	16280	7582	18156	3660
	RT-816275	(2) 7.5	348.8	359.1	359.1	373.5	200.5	98	180.5	200.5	98	180.5	200.5	98	180.5	200.5	98	209	6730	16236	7060	17133	6630	16280	7582	18156	3660
	RT-816210	(2) 10	380	391.4	387.6	403.1	200.5	98	180.5	200.5	98	180.5	200.5	98	180.5	200.5	98	209	6730	16236	7060	17133	6630	16280	7582	18156	3660
	RT-816215	(2) 15	426.7	441	428	454.2	200.5	98	180.5	200.5	98	180.5	200.5	98	180.5	200.5	98	209	6730	16236	7060	17133	6630	16280	7582	18156	3660
	RT-819205	(2) 5	328.2	343.1	331.8	354.3	238	99.5	193.5	238	99.5	193.5	238	99.5	193.5	238	99.5	222	8444	21388	8834	22449	8325	21440	9475	23682	4925
	RT-819275	(2) 7.5	388.4	401.2	385.1	413.2	238	99.5	193.5	238	99.5	193.5	238	99.5	193.5	238	99.5	222	8444	21388	8834	22449	8325	21440	9475	23682	4925
	RT-819210	(2) 10	420	433.9	425.8	451.3	238	99.5	193.5	238	99.5	193.5	238	99.5	193.5	238	99.5	222	8444	21388	8834	22449	8325	21440	9475	23682	4925
	RT-819215	(2) 15	470	491.3	488	510.9	238	99.5	193.5	238	99.5	193.5	238	99.5	193.5	238	99.5	222	8444	21388	8834	22449	8325	21440	9475	23682	4925
	RT-819220	(2) 20	515.9	538.6	508.3	554.7	238	99.5	193.5	238	99.5	193.5	238	99.5	193.5	238	99.5	222	8444	21388	8834	22449	8325	21440	9475	23682	4925

Physical dimensions of each tower are approximate and are subject to change.
* A Nominal TON is defined as 3 GPM of water cooled from 95°F to 85°F with a 78°F entering wet bulb.







	Model	HP	*Nominal tons				Dimensions (in)												Weight (lb)								
							RT-A			RT-B			RT-C			RT-D			RT-A		RT-B		RT-C		RT-D		Heaviest section
			RT-A	RT-B	RT-C	RT-D	L	W	H	L	W	H	L	W	H	L	W	H	Shipping	Operating	Shipping	Operating	Shipping	Operating	Shipping	Operating	
DOUBLE FAN	RT-822205	(2) 5	349.1	366.8	350.9	381.1	274	99.5	193.5	274	99.5	193.5	274	99.5	193.5	274	99.5	222	9506	24415	9956	25639	9369	24476	10653	27164	5650
	RT-822275	(2) 7.5	410.8	429.7	414.1	446	274	99.5	193.5	274	99.5	193.5	274	99.5	193.5	274	99.5	222	9506	24415	9956	25639	9369	24476	10653	27164	5650
	RT-822210	(2) 10	449.3	466.6	449.3	480.6	274	99.5	193.5	274	99.5	193.5	274	99.5	193.5	274	99.5	222	9506	24415	9956	25639	9369	24476	10653	27164	5650
	RT-822215	(2) 15	515.2	529.5	519.9	550.6	274	99.5	193.5	274	99.5	193.5	274	99.5	193.5	274	99.5	222	9506	24415	9956	25639	9369	24476	10653	27164	5650
	RT-822220	(2) 20	554.8	586.5	570.6	609.9	274	99.5	193.5	274	99.5	193.5	274	99.5	193.5	274	99.5	222	9506	24415	9956	25639	9369	24476	10653	27164	5650
	RT-822225	(2) 25	595	626.8	588.3	651.8	274	99.5	193.5	274	99.5	193.5	274	99.5	193.5	274	99.5	222	9506	24415	9956	25639	9369	24476	10653	27164	5650
	RT-824205	(2) 5	361.6	383.2	368.4	398.3	298	99.5	193.5	298	99.5	193.5	298	99.5	193.5	298	99.5	222	9997	26242	10487	27575	9846	26308	11219	29052	6000
	RT-824275	(2) 7.5	439.3	454.4	439.9	472.8	298	99.5	193.5	298	99.5	193.5	298	99.5	193.5	298	99.5	222	9997	26242	10487	27575	9846	26308	11219	29052	6000
	RT-824210	(2) 10	475.9	500	477.2	520	298	99.5	193.5	298	99.5	193.5	298	99.5	193.5	298	99.5	222	9997	26242	10487	27575	9846	26308	11219	29052	6000
	RT-824215	(2) 15	555.9	576.7	560.2	599.7	298	99.5	193.5	298	99.5	193.5	298	99.5	193.5	298	99.5	222	9997	26242	10487	27575	9846	26308	11219	29052	6000
	RT-824220	(2) 20	612.6	630	619.1	655.2	298	99.5	193.5	298	99.5	193.5	298	99.5	193.5	298	99.5	222	9997	26242	10487	27575	9846	26308	11219	29052	6000
	RT-824225	(2) 25	645	678.3	641.7	705.5	298	99.5	193.5	298	99.5	193.5	298	99.5	193.5	298	99.5	222	9997	26242	10487	27575	9846	26308	11219	29052	6000
	RT-827205	(2) 5	384.1	402.4	384.2	417.4	334	99.5	193.5	334	99.5	193.5	334	99.5	193.5	334	99.5	222	10499	28686	11049	30182	10331	28760	11893	31977	6400
	RT-827275	(2) 7.5	458.5	478.1	460.7	499.5	334	99.5	193.5	334	99.5	193.5	334	99.5	193.5	334	99.5	222	10499	28686	11049	30182	10331	28760	11893	31977	6400
	RT-827210	(2) 10	501.3	525.6	501.3	541.4	334	99.5	193.5	334	99.5	193.5	334	99.5	193.5	334	99.5	222	10499	28686	11049	30182	10331	28760	11893	31977	6400
	RT-827215	(2) 15	590.2	607.6	590.3	631.9	334	99.5	193.5	334	99.5	193.5	334	99.5	193.5	334	99.5	222	10499	28686	11049	30182	10331	28760	11893	31977	6400
	RT-827220	(2) 20	649.3	674	655.4	700.9	334	99.5	193.5	334	99.5	193.5	334	99.5	193.5	334	99.5	222	10499	28686	11049	30182	10331	28760	11893	31977	6400
	RT-827225	(2) 25	701.7	725.9	707.9	755	334	99.5	193.5	334	99.5	193.5	334	99.5	193.5	334	99.5	222	10499	28686	11049	30182	10331	28760	11893	31977	6400
QUADRUPLE FAN	RT-1414405	(4) 5	488.4	504	483.3	514.1	176.5	172	170	176.5	172	170	176.5	172	170	176.5	172	198.5	10319	25060	10827	26440	10164	25128	11698	28083	2850
	RT-1414475	(4)7.5	570.6	581.9	565	599.4	176.5	172	170	176.5	172	170	176.5	172	170	176.5	172	198.5	10319	25060	10827	26440	10164	25128	11698	28083	2850
	RT-1414410	(4) 10	622	628.2	609.3	647	176.5	172	170	176.5	172	170	176.5	172	170	176.5	172	198.5	10319	25060	10827	26440	10164	25128	11698	28083	2850
	RT-1616405	(4) 5	595	624	604.2	642.7	200.5	196	180.5	200.5	196	180.5	200.5	196	180.5	200.5	196	209	13382	35312	14042	37107	13180	35400	15084	39152	3660
	RT-1616475	(4) 7.5	691.9	712.4	691.9	733.8	200.5	196	180.5	200.5	196	180.5	200.5	196	180.5	200.5	196	209	13382	35312	14042	37107	13180	35400	15084	39152	3660
	RT-1616410	(4) 10	760	775.2	753.6	798.5	200.5	196	180.5	200.5	196	180.5	200.5	196	180.5	200.5	196	209	13382	35312	14042	37107	13180	35400	15084	39152	3660
	RT-1616415	(4) 15	848.4	873.6	840	899.8	200.5	196	180.5	200.5	196	180.5	200.5	196	180.5	200.5	196	209	13382	35312	14042	37107	13180	35400	15084	39152	3660
	RT-1619405	(4) 5	643	671	648.6	701	238	199	193.5	238	199	193.5	238	199	193.5	238	199	222	16785	42669	17565	44790	16546	42773	18847	47257	4925
	RT-1619475	(4) 7.5	755.1	787.8	755.2	819.3	238	199	193.5	238	199	193.5	238	199	193.5	238	199	222	16785	42669	17565	44790	16546	42773	18847	47257	4925
	RT-1619410	(4) 10	825.1	853.3	820	887.5	238	199	193.5	238	199	193.5	238	199	193.5	238	199	222	16785	42669	17565	44790	16546	42773	18847	47257	4925
	RT-1619415	(4) 15	941.8	973.3	944.5	1002.5	238	199	193.5	238	199	193.5	238	199	193.5	238	199	222	16785	42669	17565	44790	16546	42773	18847	47257	4925
	RT-1619420	(4) 20	998.4	1057	1014.2	1099.3	238	199	193.5	238	199	193.5	238	199	193.5	238	199	222	16785	42669	17565	44790	16546	42773	18847	47257	4925
	RT-1622405	(4) 5	688.1	717.1	691.9	746.9	274	199	193.5	274	199	193.5	274	199	193.5	274	199	222	19230	49048	20130	51496	18859	49073	21429	54163	5560
	RT-1622475	(4) 7.5	808.3	846.7	816.6	882.5	274	199	193.5	274	199	193.5	274	199	193.5	274	199	222	19230	49048	20130	51496	18859	49073	21429	54163	5560
	RT-1622410	(4) 10	881.3	924.5	881.3	952.2	274	199	193.5	274	199	193.5	274	199	193.5	274	199	222	19230	49048	20130	51496	18859	49073	21429	54163	5560
	RT-1622415	(4) 15	1001.7	1049.4	1011.3	1091.4	274	199	193.5	274	199	193.5	274	199	193.5	274	199	222	19230	49048	20130	51496	18859	49073	21429	54163	5560
	RT-1622420	(4) 20	1098.9	1151.8	1109.5	1197.8	274	199	193.5	274	199	193.5	274	199	193.5	274	199	222	19230	49048	20130	51496	18859	49073	21429	54163	5560
	RT-1622425	(4) 25	1150.2	1237.3	1176.7	1286.8	274	199	193.5	274	199	193.5	274	199	193.5	274	199	222	19230	49048	20130	51496	18859	49073	21429	54163	5560
	RT-1624405	(4) 5	716.5	753.7	728.5	785.1	298	199	193.5	298	199	193.5	298	199	193.5	298	199	222	19855	52347	20835	55012	19555	52477	22300	57966	6000
	RT-1624475	(4) 7.5	856.7	894.2	868.2	932.2	298	199	193.5	298	199	193.5	298	199	193.5	298	199	222	19855	52347	20835	55012	19555	52477	22300	57966	6000
	RT-1624410	(4) 10	938.4	986.7	934.5	1006.4	298	199	193.5	298	199	193.5	298	199	193.5	298	199	222	19855	52347	20835	55012	19555	52477	22300	57966	6000
	RT-1624415	(4) 15	1091.8	1133.3	1088.9	1144.7	298	199	193.5	298	199	193.5	298	199	193.5	298	199	222	19855	52347	20835	55012	19555	52477	22300	57966	6000
	RT-1624420	(4) 20	1200.1	1241.7	1200.1	1278.9	298	199	193.5	298	199	193.5	298	199	193.5	298	199	222	19855	52347	20835	55012	19555	52477	22300	57966	6000
	RT-1624425	(4) 25	1290	1333.3	1281.4	1373.3	298	199	193.5	298	199	193.5	298	199	193.5	298	199	222	19855	52347	20835	55012	19555	52477	22300	57966	6000
	RT-1627405	(4) 5	751.5	790.2	751.8	819.5	334	199	193.5	334	199	193.5	334	199	193.5	334	199	222	20852	57226	21952	60218	20515	57373	22926	62864	6400
	RT-1627475	(4) 7.5	896.8	939.8	908.1	981.8	334	199	193.5	334	199	193.5	334	199	193.5	334	199	222	20852	57226	21952	60218	20515	57373	22926	62864	6400
	RT-1627410	(4) 10	992.8	1022	973.3	1073.1	334	199	193.5	334	199	193.5	334	199	193.5	334	199	222	20852	57226	21952	60218	20515	57373	22926	62864	6400
	RT-1627415	(4) 15	1157.3	1192.1	1157.3	1239.8	334	199	193.5	334	199	193.5	334	199	193.5	334	199	222	20852	57226	21952	60218	20515	57373	22926	62864	6400
	RT-1627420	(4) 20	1273.8	1323.2	1273.7	1376.2	334	199	193.5	334	199	193.5	334	199	193.5	334	199	222	20852	57226	21952	60218	20515	57373	22926	62864	6400
	RT-1627425	(4) 25	1375.2	1428.3	1374.4	1471.1	334	199	193.5	334	199	193.5	334	199	193.5	334	199	222	20852	57226	21952	60218	20515	57373	22926	62864	6400

Physical dimensions of each tower are approximate and are subject to change.
* A Nominal TON is defined as 3 GPM of water cooled from 95°F to 85°F with a 78°F entering wet bulb.

RT Low Sound Models

	Model	HP	*Nominal tons				Dimensions (in)								Weight (lb)				
							RT-B-LS & SLS				RT-D-LS & SLS				RT-B-LS & SLS		RT-D-LS & SLS		Heaviest section
			B-LS	B-SLS	D-LS	D-SLS	L	W	H-LS	H-SLS	L	W	H-LS	H-SLS	Shipping	Operating	Shipping	Operating	
SINGLE FAN	RT-707105	5	115	116.3	118.6	119.5	92	86	172	172	92	86	200.5	200.5	2913	6320	3224	6831	1515
	RT-707175	7.5	135.3	144.3	139	148.5	92	86	172	170	92	86	200.5	198.5	2913	6320	3224	6831	1515
	RT-707110	10	151.7	158.1	156.5	162.2	92	86	181	170	92	86	209.5	198.5	2913	6320	3224	6831	1515
	RT-708105	5	120.1	121.5	124.3	126.6	104	86	172	172	104	86	200.5	200.5	3327	7182	3676	7757	1820
	RT-708175	7.5	143.6	156.4	147	159.4	104	86	172	170	104	86	200.5	198.5	3327	7182	3676	7757	1820
	RT-708110	10	163.6	170.6	167	174.6	104	86	181	170	104	86	209.5	198.5	3327	7182	3676	7757	1820
	RT-708115	15	191.9	195.8	197.3	203	104	86	170	170	104	86	209.5	198.5	3327	7182	3676	7757	1820
	RT-709105	5	124.5	127.5	129	132.8	116	86	172	172	116	86	200.5	200.5	3476	7792	3833	8402	1905
	RT-709175	7.5	150.6	166	153.7	169.8	116	86	172	170	116	86	200.5	198.5	3476	7792	3833	8402	1905
	RT-709110	10	172.8	182.1	176	185.9	116	86	181	170	116	86	209.5	198.5	3476	7792	3833	8402	1905
	RT-709115	15	209.1	209.1	208.7	217.2	116	86	181	170	116	86	209.5	198.5	3476	7792	3833	8402	1905
	RT-808105	5	124.3	136.9	130	140.9	104	98	177	186	104	98	205.5	214.5	3683	8070	4146	8791	1905
	RT-808175	7.5	150.9	167.1	154.6	171.7	104	98	177	186	104	98	205.5	214.5	3683	8070	4146	8791	1905
	RT-808110	10	171.9	183.8	177.9	188.3	104	98	186	186	104	98	214.5	214.5	3683	8070	4146	8791	1905
	RT-808115	15	207.3	218.3	214.4	225.3	104	98	186	175	104	98	214.5	203.5	3683	8070	4146	8791	1905
	RT-810105	5	133.7	138.2	138	144.7	128	98	186	186	128	98	214.5	214.5	4384	9788	4813	10537	2345
	RT-810175	7.5	172.7	180.9	176	189.3	128	98	186	186	128	98	214.5	214.5	4384	9788	4813	10537	2345
	RT-810110	10	191.8	205.1	195.4	210.1	128	98	186	186	128	98	214.5	214.5	4384	9788	4813	10537	2345
	RT-810115	15	232.5	247.7	233.4	253.8	128	98	186	175	128	98	214.5	203.5	4384	9788	4813	10537	2345
	RT-810120	20	260	276.6	261.8	283.2	128	98	186	175	128	98	214.5	203.5	4384	9788	4813	10537	2345
	RT-812105	5	138.7	157.4	145.2	164.3	152	98	186	175	152	98	214.5	203.5	5140	12746	5607	13593	2910
	RT-812175	7.5	179.7	195.7	188.6	204.9	152	98	186	175	152	98	214.5	203.5	5140	12746	5607	13593	2910
	RT-812110	10	202	221.4	208.2	229.1	152	98	186	175	152	98	214.5	203.5	5140	12746	5607	13593	2910
	RT-812115	15	243.9	269.2	249.5	276.1	152	98	186	175	152	98	214.5	203.5	5140	12746	5607	13593	2910
	RT-812120	20	272	302.5	291.2	311.2	152	98	186	175	152	98	214.5	203.5	5140	12746	5607	13593	2910
	RT-812125	25	292.5	325.4	317.3	333.9	152	98	186	175	152	98	214.5	203.5	5140	12746	5607	13593	2910
DOUBLE FAN	RT-714205	(2) 5	228.3	230.9	235.3	237.2	176.5	86	172	172	176.5	86	200.5	200.5	5445	13233	5479	13653	2850
	RT-714275	(2) 7.5	268.5	286.2	275.1	294.1	176.5	86	172	170	176.5	86	200.5	198.5	5445	13233	5479	13653	2850
	RT-714210	(2) 10	301.1	313.9	310.2	320.7	176.5	86	181	170	176.5	86	209.5	198.5	5445	13233	5479	13653	2850
	RT-816205	(2) 5	247.9	269.9	259.9	281.7	200.5	98	182.5	191.5	200.5	98	211	220	7060	17133	7582	18156	3660
	RT-816275	(2) 7.5	301.6	334	309.3	340.6	200.5	98	182.5	191.5	200.5	98	211	220	7060	17133	7582	18156	3660
	RT-816210	(2) 10	344.4	364	355.7	375.7	200.5	98	191.5	191.5	200.5	98	220	220	7060	17133	7582	18156	3660
	RT-816215	(2) 15	410.1	432.2	422.1	449.7	200.5	98	191.5	180.5	200.5	98	220	209	7060	17133	7582	18156	3660
	RT-819205	(2) 5	265.5	293.8	274.1	304.7	238	99.5	204.5	204.5	238	99.5	233	233	8834	22449	9475	23682	4925
	RT-819275	(2) 7.5	337	361.1	347.2	370.9	238	99.5	204.5	204.5	238	99.5	233	233	8834	22449	9475	23682	4925
	RT-819210	(2) 10	373.2	407.9	383.3	416.5	238	99.5	204.5	193.5	238	99.5	233	222	8834	22449	9475	23682	4925
	RT-819215	(2) 15	452	476.5	466.7	495.2	238	99.5	204.5	193.5	238	99.5	233	222	8834	22449	9475	23682	4925
	RT-819220	(2) 20	511.6	533.2	525.6	551.2	238	99.5	204.5	193.5	238	99.5	233	222	8834	22449	9475	23682	4925
	RT-822205	(2) 5	271.9	308.4	284.6	321.9	274	99.5	204.5	193.5	274	99.5	233	222	9956	25639	10653	27164	5650
	RT-822275	(2) 7.5	351.3	381.4	368.7	397.3	274	99.5	204.5	193.5	274	99.5	222	222	9956	25639	10653	27164	5650
	RT-822210	(2) 10	396.6	429.2	407	443	274	99.5	204.5	193.5	274	99.5	233	222	9956	25639	10653	27164	5650
	RT-822215	(2) 15	481.8	518.9	497.1	533.2	274	99.5	204.5	193.5	274	99.5	222	222	9956	25639	10653	27164	5650
	RT-822220	(2) 20	545.4	580.6	563.5	596.7	274	99.5	204.5	193.5	274	99.5	233	222	9956	25639	10653	27164	5650
	RT-822225	(2) 25	595.4	626.8	609	642.2	274	99.5	204.5	193.5	274	99.5	233	222	9956	25639	10653	27164	5650

Physical dimensions of each tower are approximate and are subject to change.
* A Nominal TON is defined as 3 GPM of water cooled from 95°F to 85°F with a 78°F entering wet bulb.
Note: The Low sound & Super Low sound fan is not available in models 30315 to 606175.

RT Low Sound Models

	Model	HP	*Nominal tons				Dimensions (in)								Weight (lb)				
							RT-B-LS & SLS				RT-D-LS & SLS				RT-B-LS & SLS		RT-D-LS & SLS		Heaviest section
			B-LS	B-SLS	D-LS	D-SLS	L	W	H-LS	H-SLS	L	W	H-LS	H-SLS	Shipping	Operating	Shipping	Operating	
DOUBLE FAN	RT-824205	(2) 5	277.4	317.5	287.5	330.5	298	99.5	204.5	204.5	298	99.5	233	233	10487	27575	11219	29052	6000
	RT-824275	(2) 7.5	362.2	392.3	379.2	408.8	298	99.5	204.5	204.5	298	99.5	233	233	10487	27575	11219	29052	6000
	RT-824210	(2) 10	410	450	423.1	460.1	298	99.5	204.5	204.5	298	99.5	233	233	10487	27575	11219	29052	6000
	RT-824215	(2) 15	495.9	536.3	513.2	554	298	99.5	204.5	204.5	298	99.5	233	233	10487	27575	11219	29052	6000
	RT-824220	(2) 20	567	604.8	583.4	623.3	298	99.5	204.5	204.5	298	99.5	233	233	10487	27575	11219	29052	6000
	RT-824225	(2) 25	617.3	651.2	634.7	670.7	298	99.5	204.5	204.5	298	99.5	233	233	10487	27575	11219	29052	6000
	RT-827205	(2) 5	281.9	324.8	293.2	337.2	334	99.5	204.5	204.5	334	99.5	233	233	11049	30182	11893	31977	6400
	RT-827275	(2) 7.5	374.4	406.9	391.6	424.1	334	99.5	204.5	204.5	334	99.5	233	233	11049	30182	11893	31977	6400
	RT-827210	(2) 10	431	467.8	440.2	480	334	99.5	204.5	204.5	334	99.5	233	233	11049	30182	11893	31977	6400
	RT-827215	(2) 15	516.5	565.1	534.1	581.5	334	99.5	204.5	204.5	334	99.5	233	233	11049	30182	11893	31977	6400
	RT-827220	(2) 20	593.1	640.3	610.9	657.4	334	99.5	204.5	204.5	334	99.5	233	233	11049	30182	11893	31977	6400
	RT-827225	(2) 25	646.1	696.9	667.9	709.6	334	99.5	204.5	204.5	334	99.5	233	233	11049	30182	11893	31977	6400
QUADRUPLE FAN	RT-1414405	(4) 5	453.6	453.6	461	463	176.5	172	172	172	176.5	172	200.5	200.5	10827	26440	11698	28083	2850
	RT-1414475	(4)7.5	529.6	570.3	538.8	573	176.5	172	172	170	176.5	172	200.5	198.5	10827	26440	11698	28083	2850
	RT-1414410	(4) 10	596.8	621.9	609	628	176.5	172	181	170	176.5	172	209.5	198.5	10827	26440	11698	28083	2850
	RT-1616405	(4) 5	493	542.9	512.3	555.9	200.5	196	182.5	191.5	200.5	196	211	220	14042	37107	15084	39152	3660
	RT-1616475	(4) 7.5	598.4	662.5	610.9	669.7	200.5	196	182.5	191.5	200.5	196	211	220	14042	37107	15084	39152	3660
	RT-1616410	(4) 10	689.9	728.7	696.3	738	200.5	196	191.5	191.5	200.5	196	220	220	14042	37107	15084	39152	3660
	RT-1616415	(4) 15	821.2	864.9	831	882.3	200.5	196	191.5	180.5	200.5	196	220	209	14042	37107	15084	39152	3660
	RT-1619405	(4) 5	525.6	576.7	548.2	601.7	238	199	204.5	204.5	238	199	233	233	17565	44790	18847	47257	4925
	RT-1619475	(4) 7.5	669.6	716.9	683.1	726.7	238	199	204.5	204.5	238	199	233	233	17565	44790	18847	47257	4925
	RT-1619410	(4) 10	742.4	793.6	759	806.4	238	199	204.5	204.5	238	199	233	233	17565	44790	18847	47257	4925
	RT-1619415	(4) 15	895.5	953.9	918.3	971.4	238	199	204.5	193.5	238	199	233	222	17565	44790	18847	47257	4925
	RT-1619420	(4) 20	1004.2	1057	1030.2	1083.4	238	199	204.5	193.5	238	199	233	222	17565	44790	18847	47257	4925
	RT-1622405	(4) 5	540.1	607.7	561.6	638	274	199	204.5	204.5	274	199	233	222	20130	51496	21429	54163	5560
	RT-1622475	(4) 7.5	698.9	750	727.8	783.2	274	199	204.5	193.5	274	199	233	222	20130	51496	21429	54163	5560
	RT-1622410	(4) 10	785.8	841.3	800.7	870.9	274	199	204.5	204.5	274	199	233	222	20130	51496	21429	54163	5560
	RT-1622415	(4) 15	944.5	1017.9	979	1047.3	274	199	204.5	193.5	274	199	233	222	20130	51496	21429	54163	5560
	RT-1622420	(4) 20	1071.1	1140.2	1106.1	1170.6	274	199	204.5	193.5	274	199	233	222	20130	51496	21429	54163	5560
	RT-1622425	(4) 25	1175.5	1225	1201	1256	274	199	204.5	193.5	274	199	233	222	20130	51496	21429	54163	5560
	RT-1624405	(4) 5	551.1	618.6	573.1	643.7	298	199	204.5	204.5	298	199	233	233	20835	55012	22300	57966	6000
	RT-1624475	(4) 7.5	717.2	775.5	748.8	809.9	298	199	204.5	204.5	298	199	233	233	20835	55012	22300	57966	6000
	RT-1624410	(4) 10	824.1	888	833.3	901.2	298	199	204.5	204.5	298	199	233	233	20835	55012	22300	57966	6000
	RT-1624415	(4) 15	986	1054	1011.3	1087.2	298	199	204.5	204.5	298	199	233	233	20835	55012	22300	57966	6000
	RT-1624220	(4) 20	1117.5	1192	1149.8	1225.7	298	199	204.5	204.5	298	199	233	233	20835	55012	22300	57966	6000
	RT-1624425	(4) 25	1226.7	1280	1240.8	1316.7	298	199	204.5	204.5	298	199	233	233	20835	55012	22300	57966	6000
	RT-1627405	(4) 5	556.6	646	586.4	678.1	334	199	204.5	204.5	334	199	233	233	21952	60218	22926	62864	6400
	RT-1627475	(4) 7.5	739	806.6	769.8	840.5	334	199	204.5	204.5	334	199	233	233	21952	60218	22926	62864	6400
	RT-1627410	(4) 10	848.3	919.8	865.2	944.9	334	199	204.5	204.5	334	199	233	233	21952	60218	22926	62864	6400
	RT-1627415	(4) 15	1025.2	1108.6	1051.1	1142.2	334	199	204.5	204.5	334	199	233	233	21952	60218	22926	62864	6400
	RT-1627420	(4) 20	1164.4	1243.8	1199.1	1290.2	334	199	204.5	204.5	334	199	233	233	21952	60218	22926	62864	6400
	RT-1627425	(4) 25	1285.4	1371.1	1307.3	1394.5	334	199	204.5	204.5	334	199	233	233	21952	60218	22926	62864	6400

Physical dimensions of each tower are approximate and are subject to change.
* A Nominal TON is defined as 3 GPM of water cooled from 95°F to 85°F with a 78°F entering wet bulb.
Note: The Low sound & Super Low sound fan is not available in models 30315 to 606175.

Modular Configuration

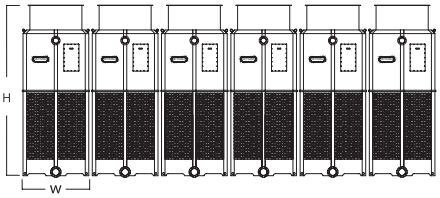
RTM models are designed for modular configuration of two or more modules.

RTM Nomenclature

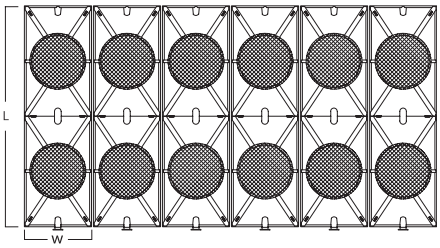
RT	M	8	16	2	10	B	T1 ó T2	L ó S	LS	ó	SLS
Series	Modular	Width	Length	# of motors	HP	Fill media type	Module type	Layout	Low Sound		Super Low Sound

	Model	HP	*Nominal tons		Dimensions (in)						Weight (lb)				
					RTM-B			RTM-D			RTM-B		RTM-D		Heaviest section
			RTM-B	RTM-D	L	W	H	L	W	H	Shipping	Operating	Shipping	Operating	
DOUBLE FAN	RTM-714205-T1	(2) 5	257.4	266.6	176.5	86	198	176.5	86	226.5	5445	13233	5479	13653	2850
	RTM-714205-T2	(2) 5	252	257.1	176.5	86	198	176.5	86	226.5	5445	13233	5479	13653	2850
	RTM-714275-T1	(2) 7.5	294.7	305.5	176.5	86	198	176.5	86	226.5	5445	13233	5479	13653	2850
	RTM-714275-T2	(2) 7.5	288.4	295	176.5	86	1 98	176.5	86	226.5	5445	13233	5479	13653	2850
	RTM-714210-T1	(2) 10	318.4	329.2	176.5	86	198	176.5	86	226.5	5445	13233	5479	13653	2850
	RTM-714210-T2	(2) 10	311.1	318.7	176.5	86	198	176.5	86	226.5	5445	13233	5479	13653	2850
	RTM-816205-T1	(2) 5	312.9	325.4	200.5	98	210.5	200.5	98	240.5	7060	17133	7582	18156	3660
	RTM-816205-T2	(2) 5	306.6	314.9	200.5	98	210.5	200.5	98	240.5	7060	17133	7582	18156	3660
	RTM-816275-T1	(2) 7.5	361.1	372.8	200.5	98	210.5	200.5	98	240.5	7060	17133	7582	18156	3660
	RTM-816275-T2	(2) }7.5	353.9	361.4	200.5	98	210.5	200.5	98	240.5	7060	17133	7582	18156	3660
	RTM-816210-T1	(2) 10	388.4	402.2	200.5	98	210.5	200.5	98	240.5	7060	17133	7582	18156	3660
	RTM-816210-T2	(2) 10	382.1	390.8	200.5	98	210.5	200.5	98	240.5	7060	17133	7582	18156	3660
	RTM-816215-T1	(2) 15	441.2	458.2	200.5	98	210.5	200.5	98	240.5	7060	17133	7582	18156	3660
	RTM-816215-T2	(2) 15	433	446.8	200.5	98	210.5	200.5	98	240.5	7060	17133	7582	18156	3660
	RTM-819205-T1	(2) 5	343.1	356.3	238	99.5	230.5	238	99.5	259	8834	22449	9475	23682	4925
	RTM-819205-T2	(2) 5	335.8	349.6	238	99.5	230.5	238	99.5	259	8834	22449	9475	23682	4925
	RTM-819275-T1	(2) 7.5	400.3	412.7	238	99.5	230.5	238	99.5	259	8834	22449	9475	23682	4925
	RTM-819275-T2	(2) 7.5	391.2	402.2	238	99.5	230.5	238	99.5	259	8834	22449	9475	23682	4925
	RTM-819210-T1	(2) 10	433	445.9	238	99.5	230.5	238	99.5	259	8834	22449	9475	23682	4925
	RTM-819210-T2	(2) 10	423.9	434.5	238	99.5	230.5	238	99.5	259	8834	22449	9475	23682	4925
	RTM-819215-T1	(2) 15	494	510.4	238	99.5	230.5	238	99.5	259	8834	22449	9475	23682	4925
	RTM-819215-T2	(2) 15	484.9	495.2	238	99.5	230.5	238	99.5	259	8834	22449	9475	23682	4925
	RTM-819220-T1	(2) 20	537.6	558.8	238	99.5	230.5	238	99.5	259	8834	22449	9475	23682	4925
	RTM-819220-T2	(2) 20	528.5	542.6	238	99.5	230.5	238	99.5	259	8834	22449	9475	23682	4925
	RTM-822205-T1	(2) 5	365.9	380.1	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650
	RTM-822205-T2	(2) 5	358.6	373.4	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650
	RTM-822275-T1	(2) 7.5	430.7	447.9	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650
	RTM-822275-T2	(2) 7.5	422.4	438.4	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650
	RTM-822210-T1	(2) 20	467.6	484.8	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650
	RTM-822210-T2	(2) 10	458.5	471.5	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650
	RTM-822215-T1	(2) 15	537.6	556.9	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650
	RTM-822215-T2	(2) 15	526.7	541.7	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650
	RTM-822220-T1	(2) 20	590.4	610.9	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650
	RTM-822220-T2	(2) 20	579.5	595.8	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650
	RTM-822225-T1	(2) 25	626.8	653.6	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650
	RTM-822225-T2	(2) 25	616.8	634.7	274	99.5	240.5	274	99.5	269	9956	25639	10797	27164	5650

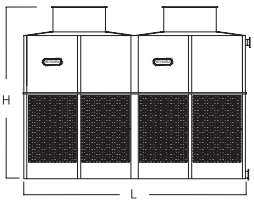
Physical dimensions of each tower are approximate and are subject to change.
Contact your Rep for layout options.
* A Nominal TON is defined as 3 GPM of water cooled from 95°F to 85°F with a 78°F entering wet bulb.



Front view



Plan View



Side view

	Model	HP	*Nominal tons		Dimensions (in)						Weight (lb)				
					RTM-B			RTM-D			RTM-B		RTM-D		Heaviest section
			RTM-B	RTM-D	L	W	H	L	W	H	Shipping	Operating	Shipping	Operating	
DOUBLE FAN	RTM-824205-T1	(2) 5	379.6	396.4	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-824205-T2	(2) 5	371.3	388.7	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-824275-T1	(2) 7.5	448.9	467	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-824275-T2	(2) 7.5	439.8	457.5	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-824210-T1	(2) 10	499.4	516.1	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-824210-T2	(2) 10	487.6	501.8	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-824215-T1	(2) 15	577.7	597.7	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-824215-T2	(2) 15	565.8	580.6	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-824220-T1	(2) 20	636.8	658.4	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-824220-T2	(2) 20	624.1	640.3	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-824225-T1	(2) 25	678.6	704.9	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-824225-T2	(2) 25	665.9	685.9	298	99.5	250.5	298	99.5	279	10487	27575	11219	29052	6000
	RTM-827205-T1	(2) 5	395.1	411.6	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400
	RTM-827205-T2	(2) 5	389.6	405.9	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400
	RTM-827275-T1	(2) 7.5	469.9	490.9	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400
	RTM-827275-T2	(2) 7.5	460.8	480.4	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400
	RTM-827210-T1	(2) 10	526.7	548.3	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400
	RTM-827210-T2	(2) 10	517.6	533.1	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400
	RTM-827215-T1	(2) 15	614	636.5	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400
	RTM-827215-T2	(2) 15	603.1	618.5	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400
	RTM-827220-T1	(2) 20	679.5	705.8	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400
	RTM-827220-T2	(2) 20	666.8	684.9	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400
	RTM-827225-T1	(2) 25	729.6	756.1	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400
	RTM-827225-T2	(2) 25	715	733.3	334	99.5	260.5	334	99.5	289	11049	30182	12008	31977	6400

Physical dimensions of each tower are approximate and are subject to change.
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* A Nominal TON is defined as 3 GPM of water cooled from 95°F to 85°F with a 78°F entering wet bulb.

RTM Low Sound Models

RTM models are designed for modular configuration of two or more modules.

	Model	HP	*Nominal tons				Dimensions (in)								Weight (lb)				
			RTM-B-LS & SLS		RTM-D-LS & SLS		RTM-B-LS & SLS				RTM-D-LS & SLS				RTM-B-LS & SLS		RTM-D-LS & SLS		Heaviest section
			RTM-B-LS	RTM-B-SLS	RTM-D-LS	RTM-D-SLS	L	W	H-LS	H-SLS	L	W	H-LS	H-SLS	Shipping	Operating	Shipping	Operating	
DOUBLE FAN	RTM-714205-T1	(2) 5	229.2	232	238.1	240	176.5	86	200	200	176.5	86	228.5	228.5	5445	13233	5479	13653	2850
	RTM-714205-T2	(2) 5	226.5	227.4	232.4	232.4	176.5	86	200	200	176.5	86	228.5	228.5	5445	13233	5479	13653	2850
	RTM-714275-T1	(2) 7.5	268.4	287.5	278	297.9	176.5	86	200	198	176.5	86	228.5	226.5	5445	13233	5479	13653	2850
	RTM-714275-T2	(2) 7.5	263.8	281.1	271.3	288.4	176.5	86	200	198	176.5	86	228.5	226.5	5445	13233	5479	13653	2850
	RTM-714210-T1	(2) 10	302.9	313.9	314	324.4	176.5	86	209	198	176.5	86	237.5	226.5	5445	13233	5479	13653	2850
	RTM-714210-T2	(2) 10	296.6	308.4	305.5	315	176.5	86	209	198	176.5	86	237.5	226.5	5445	13233	5479	13653	2850
	RTM-816205-T1	(2) 5	252	272.9	260.9	282.7	200.5	98	212.5	221.5	200.5	98	242.5	251.5	7060	17133	7582	18156	3660
	RTM-816205-T2	(2) 5	249.3	268.4	256.1	277	200.5	98	212.5	221.5	200.5	98	242.5	251.5	7060	17133	7582	18156	3660
	RTM-816275-T1	(2) 7.5	300.2	332.9	311.2	343.4	200.5	98	212.5	221.5	200.5	98	242.5	251.5	7060	17133	7582	18156	3660
	RTM-816275-T2	(2) }7.5	296.6	326.6	305.5	334.9	200.5	98	212.5	221.5	200.5	98	242.5	251.5	7060	17133	7582	18156	3660
	RTM-816210-T1	(2) 10	345.7	365.7	356.7	378.5	200.5	98	221.5	221.5	200.5	98	251.5	251.5	7060	17133	7582	18156	3660
	RTM-816210-T2	(2) 10	339.3	359.3	349.1	370	200.5	98	221.5	221.5	200.5	98	251.5	251.5	7060	17133	7582	18156	3660
	RTM-816215-T1	(2) 15	414.8	435.7	425	452.5	200.5	98	221.5	210.5	200.5	98	251.5	240.5	7060	17133	7582	18156	3660
	RTM-816215-T2	(2) 15	409.4	428.5	415.5	441.1	200.5	98	221.5	210.5	200.5	98	251.5	240.5	7060	17133	7582	18156	3660
	RTM-819205-T1	(2) 5	262.8	291.1	273.2	305.6	238	99.5	241.5	241.5	238	99.5	270	270	8834	22449	9475	23682	4925
	RTM-819205-T2	(2) 5	259.1	287.4	270.3	300.9	238	99.5	241.5	241.5	238	99.5	270	270	8834	22449	9475	23682	4925
	RTM-819275-T1	(2) 7.5	335.7	359.3	349.1	374.7	238	99.5	241.5	241.5	238	99.5	270	270	8834	22449	9475	23682	4925
	RTM-819275-T2	(2) 7.5	331.1	353	339.6	366.2	238	99.5	241.5	241.5	238	99.5	270	270	8834	22449	9475	23682	4925
	RTM-819210-T1	(2) 10	373	403	387.1	417.4	238	99.5	241.5	230.5	238	99.5	270	259	8834	22449	9475	23682	4925
	RTM-819210-T2	(2) 10	366.6	396.6	378.5	407	238	99.5	241.5	230.5	238	99.5	270	259	8834	22449	9475	23682	4925
	RTM-819215-T1	(2) 15	451.2	480.3	468.6	499	238	99.5	241.5	230.5	238	99.5	270	259	8834	22449	9475	23682	4925
	RTM-819215-T2	(2) 15	444.8	473	458.2	486.7	238	99.5	241.5	230.5	238	99.5	270	259	8834	22449	9475	23682	4925
	RTM-819220-T1	(2) 20	509.4	533.1	528.4	554	238	99.5	241.5	230.5	238	99.5	270	259	8834	22449	9475	23682	4925
	RTM-819220-T2	(2) 20	502.2	525.8	516.1	540.7	238	99.5	241.5	230.5	238	99.5	270	259	8834	22449	9475	23682	4925
	RTM-822205-T1	(2) 5	271	307.5	283.7	320.9	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-822205-T2	(2) 5	268.2	302.9	280.8	316.1	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-822275-T1	(2) 7.5	354	381.4	369.6	397.3	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-822275-T2	(2) 7.5	348.5	375.9	362.9	391.6	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-822210-T1	(2) 20	394.8	430.3	408.9	445.9	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-822210-T2	(2) 10	387.5	423.9	399.4	434.5	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-822215-T1	(2) 15	483	517.6	500.9	536	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-822215-T2	(2) 15	475.8	510.3	489.5	523.7	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-822220-T1	(2) 20	546.7	581.3	567.3	602.4	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-822220-T2	(2) 20	537.6	570.4	553.1	587.2	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-822225-T1	(2) 25	592.2	619.5	614.7	645.1	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-822225-T2	(2) 25	581.3	608.6	598.6	628	274	99.5	251.5	240.5	274	99.5	280	269	9956	25639	10797	27164	5650
	RTM-824205-T1	(2) 5	276.5	316.6	288.4	329.5	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-824205-T2	(2) 5	273.7	311.1	286.5	325.7	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-824275-T1	(2) 7.5	363.1	395.1	381.1	410.7	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-824275-T2	(2) 7.5	358.6	388.7	375.4	405	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-824210-T1	(2) 10	410.3	447.6	425.9	464.8	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-824210-T2	(2) 10	404.8	440.3	416.5	453.5	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-824215-T1	(2) 15	500.3	538.5	517	559.7	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-824215-T2	(2) 15	491.2	529.5	507.5	546.4	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-824220-T1	(2) 20	568.6	607.7	589.1	629.9	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-824220-T2	(2) 20	558.6	596.7	575.8	614.7	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-824225-T1	(2) 25	615.9	653.2	641.3	675.4	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-824225-T2	(2) 25	607.7	644.1	626.1	659.3	298	99.5	261.5	261.5	298	99.5	290	290	10487	27575	11219	29052	6000
	RTM-827205-T1	(2) 5	281	326.6	294.2	341.9	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400
	RTM-827205-T2	(2) 5	278.3	322.1	292.3	339.1	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400
	RTM-827275-T1	(2) 7.5	376.8	409.7	393.5	426.9	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400
	RTM-827275-T2	(2) 7.5	373.2	402.4	386.8	421.2	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400
	RTM-827210-T1	(2) 10	428.5	467.6	444.9	485.7	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400
	RTM-827210-T2	(2) 10	423	461.2	436.4	475.3	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400
	RTM-827215-T1	(2) 15	520.3	564	538.8	587.2	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400
	RTM-827215-T2	(2) 15	512.2	556.7	530.3	573.9	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400
	RTM-827220-T1	(2) 20	593.1	641.3	615.7	664.1	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400
	RTM-827220-T2	(2) 20	585.8	630.4	604.3	648.9	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400
	RTM-827225-T1	(2) 25	647.7	689.6	672.6	716.2	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400
	RTM-827225-T2	(2) 25	637.7	677.7	659.3	700.1	334	99.5	271.5	271.5	334	99.5	300	300	11049	30182	12008	31977	6400

Physical dimensions of each tower are approximate and are subject to change.
Contact your Rep for layout options.
* A Nominal TON is defined as 3 GPM of water cooled from 95°F to 85°F with a 78°F entering wet bulb.

Sustainable Technology

Our Cooling Towers are designed to be sustainable and have a low environmental impact.

Energy efficient

Our units exceed energy efficiency per ASHRAE Standard 90.1-2013 to reduce the unit's operating cost.

Life cycles

REYMSA all fiberglass towers have at least 2 times the life span of a galvanized steel tower. This construction also comes with lower annual maintenance cost.

Water Conservation

Fiberglass materials support water treatment with higher cycles of concentration resulting in less purging, water waste and cost.

No toxic metals

Zinc, Nickel and Chromium found in metal towers are environmentally hazardous. The RT Series does not have any metal in contact with the open cooling tower water. Fiberglass material does not dissolve in water, resulting in zero contamination.

REYMSA COOLING TOWERS, INC.

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(Brochure/RT/ENG/Apr15)