



# RENTAL SYSTEMS



Unit Arrangement - Dimensions are Approximate

## 319-Ton Cooling Tower

### General Description and Features

- Ready for operation with minimal setup
- Complete electrical controls
- Single point power connection
- Forkliftable
- Galvanized construction G235
- 304 SS Stainless steel basin
- Sump heater (2) 9kw heaters
- 2 speed 50HP fan

### Mechanical Data

<b>Inlet Connection</b>	(1) 6" 150 lb RF flange
<b>Outlet Connection</b>	(1) 6" or 8" 150 lb RF flange
<b>Equalizer Connection</b>	(1) 6" or 8" 150 lb RF flange
<b>Make-up Connection</b>	(1) 2" MPT
<b>Drain Connection</b>	(1) 2" MPT
<b>Overflow Connection</b>	(1) 3" MPT
<b>Fill</b>	PVC rated to 130° F
<b>Drive Type</b>	Belt

### Equipment Data

<b>Model(s)</b>	LRT 8-127 / LPT 8-712
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### Shipping Data

<b>Shipping Weight</b>	7,000 lbs
<b>Operating Weight</b>	12,000 lbs
<b>Dimensions</b>	20' L x 7' 10" W x 8' 5" H
<b>Leveling Required</b>	Within 1" per 8 ft.
<b>Installed Clearances</b>	8' (air inlet), 4' (electrical)

### Electrical Data (Single Disconnect)

<b>Voltage</b>	460 V / 3 phase / 60 hertz
<b>Disconnect Size</b>	100 amps
<b>Connection</b>	Leviton Series 16 Camlock
<b>Cables</b>	(1) set, (1) ground
<b>FLA/ MCA</b>	76 / 92 amps
<b>FLA/MCA (fan only)</b>	63 / 79 amps

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<b>Physical Data</b>					
<b>Water Temperature</b>	<b>Capacity (gallons per minute)</b>				
<b>In/Out</b>	<b>Wet Bulb Temperature</b>				
	<b>70° F</b>	<b>72° F</b>	<b>75° F</b>	<b>78° F</b>	<b>80° F</b>
90° F / 80° F	1045	917	706		
95° F / 85° F		1360	1162	956	792
105° F / 85° F	999	936	822	683	594
120° F / 90° F	1069	999	951	854	785