COOLING TOWERS

AT | UT | USS
Advanced Technology (AT) Series
The Industry’s Smartest Induced Draft, Counterflow Cooling Towers

ENGINEERING DATA

evapco for LIFE

CTI CERTIFIED

*Mark owned by the Cooling Technology Institute
Nomenclature

AT-215-4H9

**Product Type**
AT – Indicates an Advanced Technology (AT) tower
UT – An AT tower with a super low sound fan
USS - An AT tower with stainless steel construction, 304, 316 or a combination. A USS tower may also include a Super Low Sound Fan.

**# of Cells**
Determined by the number of inlet connections, can be 1, 2, 3, or 4

**Unit Width**
The total width of the unit in feet, all cells included. The value is rounded up to the next whole number.

**Layers of Fill Media**
Determined by the number of 1 foot tall fill layers. Can be 2, 3, 4 or 5.

**Horsepower Designator**
Determined by the horsepower per fan motor. Available from E = 2 Hp to R = 100 Hp.

**Unit Length**
The total length of the unit in feet, all cells included. The value is rounded up to the next whole number.
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One-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHS (LBS)</th>
<th>Fan Motor [HP]</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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</thead>
<tbody>
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<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
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<td>780</td>
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<tr>
<td>AT 14-3E4</td>
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<tr>
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<td>2,530</td>
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<td>17,700</td>
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NOTE:  
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.  
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.  
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.  
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Height includes fan guard which ships factory mounted.
†† Heaviest section is upper section.
††† Outlet connection extends beyond bottom flange.
## Models: AT/USS 14-2E9 to 14-3G12

### One-Cell Cooling Towers

![Diagram of cooling tower](image)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Weight (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section</td>
<td>H†</td>
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<td>1,970</td>
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<td>150</td>
<td>2,770</td>
<td>4,890</td>
<td>2,010</td>
<td>2 5</td>
</tr>
</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
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4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange. *Heaviest section is upper section.*

---

* Shippingconnection extends beyond bottom flange.

† Height includes fan guard which ships factory mounted.
Models: AT/UT/USS 17-2G9 to 17-4K9
One-Cell Cooling Towers

### Models: AT/UT/USS 17-2G9 to 17-4K9

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>EN</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<td>2,630</td>
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<tr>
<td>AT 17-3G9</td>
<td>129</td>
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<td>6,570</td>
<td>2,700</td>
<td>15</td>
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<tr>
<td>AT 17-3H9</td>
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<td>4,220</td>
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<td>2,860</td>
<td>7.5</td>
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<tr>
<td>AT 17-3I9</td>
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<td>AT 17-3J9</td>
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<td>20</td>
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<tr>
<td>AT 17-4G9</td>
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<td>6,950</td>
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<td>5</td>
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<tr>
<td>AT 17-4H9</td>
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<td>AT 17-4I9</td>
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<td>10</td>
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<tr>
<td>SLSF Addition</td>
<td>130</td>
<td>130</td>
<td>130</td>
<td>1' 6&quot;</td>
<td>1' 6&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
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Outlet connection extends beyond bottom flange.

Height includes fan guard which ships factory mounted.

Heaviest section is upper section.
Models: AT/UT/USS 214-2G9 to 214-4K9
Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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</thead>
<tbody>
<tr>
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<td>H&quot;</td>
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<td>11,780</td>
<td>2,600</td>
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<tr>
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<td>11,840</td>
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<td>AT 214-4J9</td>
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<tr>
<td>SLSF Addition</td>
<td>260</td>
<td>260</td>
<td>130</td>
<td></td>
<td>1' 6&quot;</td>
</tr>
</tbody>
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Heaviest section is upper section.
Models: AT/UT/USS 17-2H12 to 17-4L12
One-Cell Cooling Towers

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<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<td>Shipping</td>
<td>Operating</td>
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<td>H†</td>
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<td>1' 6&quot;</td>
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</tbody>
</table>

NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
(4) Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.
* Heaviest section is upper section.
Models: AT/UT/USS 27-2H24 to 27-4L24
One-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor [HP]</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<td>1' 6&quot;</td>
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</tbody>
</table>

NOTE: 1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4) Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Outlet connection extends beyond bottom flange.
†† Heaviest section is upper section.
††† Height includes fan guard which ships factory mounted.
Models: AT/UT/USS 214-2H12 to 214-4L12
Two-Cell Cooling Towers

Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
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† Outlet connection extends beyond bottom flange.
†† Heaviest section is upper section.
Models: AT/UT/USS 17-2G18 to 17-4K18
One-Cell Cooling Towers

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**Models: AT/UT/USS 17-2G18 to 17-4K18**

**One-Cell Cooling Towers**

---

**Outlet connection extends beyond bottom flange.**

**Heaviest section is upper section.**

---

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<td>SLSF Addition</td>
<td>260</td>
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</tbody>
</table>

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†† Height includes fan guard which ships factory mounted.

Heaviest section is upper section.
Models: AT/UT/USS 27-2G36 to 27-4K36
Two-Cell Cooling Towers

Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<tr>
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<td>Heaviest Section†</td>
<td>H †</td>
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</table>

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† Heaviest section is upper section.
Models: AT/UT/USS 214-2G18 to 214-4K18
Two-Cell Cooling Towers

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<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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### Models: AT/UT/USS 19-2F6 to 19-4J6
#### One-Cell Cooling Towers

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<th>Nominal Tonnage</th>
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<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<tbody>
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<td></td>
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4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Height includes fan guard which ships factory mounted.

◊ Outlet connection extends beyond bottom flange.

Heaviest section is upper section.
Models: AT/UT/USS 26-2F17 to 26-4J17
Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>SHIPPING</th>
<th>OPERATING</th>
<th>HEAVIEST SECTION</th>
<th>FAN MOTOR (HP)</th>
<th>AIR FLOW (CFM)</th>
<th>DIMENSIONS</th>
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<td>58,500</td>
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</table>

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4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

- Outlet connection extends beyond bottom flange.
- Heaviest section is upper section.
- Height includes fan guard which ships factory mounted.
- Dimensions include fan guard which ships factory mounted.
# Models: AT/UT/USS 212-2F9 to 212-4J9

## Two-Cell Cooling Towers

### Dimensions

![Diagram of cooling tower dimensions](image)

### Table: Weights and Dimensions

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Weights (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>Dimensions</th>
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<td>H†</td>
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Outlet connection extends beyond bottom flange.

Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.
## Models: AT/UT/USS 19-2F8 to 19-4J8

### One-Cell Cooling Towers

- **Outlet connection extends beyond bottom flange.**
- **Heaviest section is upper section.**

### Dimensions

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<th>Model No.</th>
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<th>T</th>
<th>P</th>
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### Weights (LBS)

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<th>Air Flow (CFM)</th>
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 drilled.
**Models: AT/UT/USS 28-2F17 to 28-4J17**  
Two-Cell Cooling Towers

### WEIGHS (LBS)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Shipping</th>
<th>Operating</th>
<th>Heaviest Section†</th>
<th>Fan Motor [HP]</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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</tbody>
</table>

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2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Heaviest section is upper section.

Outlet connection extends beyond bottom flange.

† Height includes fan guard which ships factory mounted.
## Models: AT/UT/USS 215-2F9 to 215-4J9

Two-Cell Cooling Towers

### Models: AT/UT/USS 28-2F17 to 28-4J17

Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Dimension</th>
<th>15' 4-7/8&quot;</th>
<th>8' 5-1/2&quot;</th>
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<tbody>
<tr>
<td>H</td>
<td>56-1/4&quot;</td>
<td>89-7/8&quot;</td>
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<tr>
<td>P</td>
<td>68-5/8&quot;</td>
<td>84-5/8&quot;</td>
</tr>
<tr>
<td>T</td>
<td>23-1/8&quot;</td>
<td>14-7/8&quot;</td>
</tr>
<tr>
<td>H</td>
<td>8-1/2&quot;</td>
<td>3-5/8&quot;</td>
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<tr>
<td>P</td>
<td>3/8&quot;</td>
<td>2&quot;</td>
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</table>

### Dimensions and Weights Table

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
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<tr>
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<td>217</td>
<td>7,200</td>
<td>12,040</td>
<td>2,260</td>
<td>(2) 3</td>
</tr>
<tr>
<td>AT 215-2G9</td>
<td>274</td>
<td>7,240</td>
<td>12,080</td>
<td>2,280</td>
<td>(2) 5</td>
</tr>
<tr>
<td>AT 215-2H9</td>
<td>297</td>
<td>7,320</td>
<td>12,160</td>
<td>2,320</td>
<td>(2) 7.5</td>
</tr>
<tr>
<td>AT 215-2I9</td>
<td>319</td>
<td>7,380</td>
<td>12,220</td>
<td>2,350</td>
<td>(2) 10</td>
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<tr>
<td>AT 215-3F9</td>
<td>247</td>
<td>7,660</td>
<td>12,500</td>
<td>2,490</td>
<td>(2) 3</td>
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<tr>
<td>AT 215-3G9</td>
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<td>7,700</td>
<td>12,540</td>
<td>2,510</td>
<td>(2) 5</td>
</tr>
<tr>
<td>AT 215-3H9</td>
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<td>7,780</td>
<td>12,620</td>
<td>2,550</td>
<td>(2) 7.5</td>
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<tr>
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<td>AT 215-3J9</td>
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<td>12,800</td>
<td>2,640</td>
<td>(2) 15</td>
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<tr>
<td>AT 215-4F9</td>
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<td>8,200</td>
<td>13,040</td>
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<tr>
<td>AT 215-4G9</td>
<td>319</td>
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<td>13,080</td>
<td>2,780</td>
<td>(2) 5</td>
</tr>
<tr>
<td>AT 215-4H9</td>
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<td>2,820</td>
<td>(2) 7.5</td>
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<tr>
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<td>13,220</td>
<td>2,850</td>
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<tr>
<td>AT 215-4J9</td>
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</tr>
<tr>
<td>SLSF Addition</td>
<td>300</td>
<td>300</td>
<td>150</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

- Outlet connection extends beyond bottom flange.
- Height includes fan guard which ships factory mounted.

* Model available with gear drive only. Motors and access doors located on 13' 11-1/4" unit ends. Super Low Sound Fan is not available on this unit.
# Models: AT/UT/USS 19-2G9 to 19-4K9

## One-Cell Cooling Towers

### Table of Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Weights (LBS)</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
</tr>
<tr>
<td>AT 19-2G9</td>
<td>135</td>
<td>4,110</td>
<td>6,950</td>
</tr>
<tr>
<td>AT 19-2H9</td>
<td>162</td>
<td>4,150</td>
<td>6,990</td>
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<td>178</td>
<td>4,180</td>
<td>7,020</td>
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<tr>
<td>AT 19-2J9</td>
<td>208</td>
<td>4,250</td>
<td>7,090</td>
</tr>
<tr>
<td>AT 19-3G9</td>
<td>154</td>
<td>4,380</td>
<td>7,220</td>
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<td>AT 19-3H9</td>
<td>181</td>
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<td>AT 19-3I9</td>
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<td>4,450</td>
<td>7,290</td>
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<tr>
<td>AT 19-3J9</td>
<td>232</td>
<td>4,520</td>
<td>7,360</td>
</tr>
<tr>
<td>AT 19-4G9</td>
<td>165</td>
<td>4,690</td>
<td>7,530</td>
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<tr>
<td>AT 19-4H9</td>
<td>191</td>
<td>4,730</td>
<td>7,570</td>
</tr>
<tr>
<td>AT 19-4I9</td>
<td>242</td>
<td>4,830</td>
<td>7,670</td>
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<tr>
<td>AT 19-4K9</td>
<td>265</td>
<td>4,880</td>
<td>7,720</td>
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<tr>
<td>SLSF Addition</td>
<td>150</td>
<td>150</td>
<td>150</td>
</tr>
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</table>

### Notes:

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Height includes fan guard which ships factory mounted.

Outlet connection extends beyond bottom flange.

Heaviest section is upper section.
# Models: AT/UT/USS 29-2G18 to 29-4K18

## Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Weight (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>Dimensions</th>
</tr>
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<tbody>
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<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td></td>
<td>H †</td>
</tr>
<tr>
<td>AT 29-2G18</td>
<td>274</td>
<td>8,110</td>
<td>14,000</td>
<td>5</td>
<td>12' 3/4&quot;</td>
</tr>
<tr>
<td>AT 29-2H18</td>
<td>329</td>
<td>8,190</td>
<td>14,080</td>
<td>7.5</td>
<td>12' 3/4&quot;</td>
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<tr>
<td>AT 29-2I18</td>
<td>362</td>
<td>8,250</td>
<td>14,140</td>
<td>10</td>
<td>12' 3/4&quot;</td>
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<tr>
<td>AT 29-2J18</td>
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<td>14,280</td>
<td>15</td>
<td>12' 3/4&quot;</td>
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<tr>
<td>AT 29-3G18</td>
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<td>80,900</td>
</tr>
<tr>
<td>AT 29-3H18</td>
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<td>14,610</td>
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<td>80,600</td>
</tr>
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<td>14,730</td>
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<tr>
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<tr>
<td>AT 29-4G18</td>
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<td>AT 29-4H18</td>
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<td>79,300</td>
</tr>
<tr>
<td>AT 29-4I18</td>
<td>425</td>
<td>9,500</td>
<td>15,390</td>
<td>10</td>
<td>86,800</td>
</tr>
<tr>
<td>AT 29-4J18</td>
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<td>15,490</td>
<td>15</td>
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</tr>
<tr>
<td>AT 29-4K18</td>
<td>538</td>
<td>9,600</td>
<td>15,490</td>
<td>20</td>
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</tr>
<tr>
<td>SLSF Addition</td>
<td>300</td>
<td>300</td>
<td>150</td>
<td></td>
<td>1' 9&quot;</td>
</tr>
</tbody>
</table>

**Note:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Height includes fan guard which ships factory mounted.

†† Heaviest section is upper section.

Outlet connection extends beyond bottom flange.
### Models: AT/UT/USS 217-2G9 to 217-4K9
#### Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Nominal Tonnage</th>
<th>Weight (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>Dimensions</th>
</tr>
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<tbody>
<tr>
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<td>270</td>
<td>8,420</td>
<td>14,100</td>
<td>2670</td>
<td>71,700</td>
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<tr>
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<td>14,180</td>
<td>2710</td>
<td>81,500</td>
<td>H†: 12 3-3/8&quot; T†: 7 3-3/8&quot; P: 8 6-1/8&quot;</td>
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<tr>
<td>AT 217-2I9</td>
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<td>14,240</td>
<td>2740</td>
<td>89,300</td>
<td>H†: 12 3-3/8&quot; T†: 7 3-3/8&quot; P: 8 6-1/8&quot;</td>
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<tr>
<td>AT 217-2J9</td>
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<td>14,380</td>
<td>2810</td>
<td>101,500</td>
<td>H†: 13 3-3/8&quot; T†: 8 3-1/8&quot; P: 9 6-1/8&quot;</td>
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<tr>
<td>AT 217-3G9</td>
<td>308</td>
<td>9,960</td>
<td>14,640</td>
<td>2940</td>
<td>70,600</td>
<td>H†: 13 3-3/8&quot; T†: 8 3-1/8&quot; P: 9 6-1/8&quot;</td>
</tr>
<tr>
<td>AT 217-3H9</td>
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<td>9,100</td>
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<td>2980</td>
<td>80,200</td>
<td>H†: 13 3-3/8&quot; T†: 8 3-1/8&quot; P: 9 6-1/8&quot;</td>
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<tr>
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<td>3010</td>
<td>87,800</td>
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<tr>
<td>AT 217-3J9</td>
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<td>3080</td>
<td>99,500</td>
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</tr>
<tr>
<td>AT 217-4G9</td>
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<td>3250</td>
<td>69,400</td>
<td>H†: 13 3-3/8&quot; T†: 8 3-1/8&quot; P: 9 6-1/8&quot;</td>
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<tr>
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<td>3290</td>
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<td>H†: 14 3-3/8&quot; T†: 9 3-1/8&quot; P: 10 6-1/8&quot;</td>
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<tr>
<td>AT 217-4I9</td>
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<td>3320</td>
<td>86,400</td>
<td>H†: 14 3-3/8&quot; T†: 9 3-1/8&quot; P: 10 6-1/8&quot;</td>
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<td>97,900</td>
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<tr>
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<td>15,640</td>
<td>3440</td>
<td>107,100</td>
<td>H†: 14 3-3/8&quot; T†: 9 3-1/8&quot; P: 10 6-1/8&quot;</td>
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<tr>
<td>SLSF Addition</td>
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<td>300</td>
<td>150</td>
<td></td>
<td></td>
<td>H†: 11&quot; T†: 19&quot; P: 19&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Height includes fan guard which ships factory mounted.
* Heaviest section is upper section.

Outlet connection extends beyond bottom flange.

Dimensions and weights are subject to change.
## Models: AT/UT/USS 19-2G11 to 19-4L11

One-Cell Cooling Towers

### Weights (LBS)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT 19-2G11</td>
<td>156</td>
<td>5</td>
<td>40,200</td>
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</tr>
<tr>
<td>AT 19-2H11</td>
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<td>7.5</td>
<td>45,700</td>
<td>11' 4-3/8&quot;</td>
</tr>
<tr>
<td>AT 19-2I11</td>
<td>202</td>
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<td>50,200</td>
<td>11' 4-3/8&quot;</td>
</tr>
<tr>
<td>AT 19-2J11</td>
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<td>15</td>
<td>57,100</td>
<td>11' 4-3/8&quot;</td>
</tr>
<tr>
<td>AT 19-3G11</td>
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<td>39,700</td>
<td>12' 4-3/8&quot;</td>
</tr>
<tr>
<td>AT 19-3H11</td>
<td>202</td>
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<td>45,100</td>
<td>12' 4-3/8&quot;</td>
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<tr>
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<td>61,300</td>
<td>12' 4-3/8&quot;</td>
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<tr>
<td>AT 19-4G11</td>
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<td>39,000</td>
<td>13' 4-3/8&quot;</td>
</tr>
<tr>
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<td>44,300</td>
<td>13' 4-3/8&quot;</td>
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<tr>
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<td>13' 4-3/8&quot;</td>
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<tr>
<td>AT 19-4K11</td>
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<td>SLSF Addition</td>
<td>150</td>
<td>15</td>
<td>150</td>
<td>150</td>
</tr>
</tbody>
</table>

### Dimensions

- **H**: Height includes fan guard which ships factory mounted.
- **T**: Heaviest section is upper section.

### Notes:

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange.
## Models: AT/UT/USS 29-2G21 to 29-4L21

Two-Cell Cooling Towers

### Table: Model No. Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
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</tr>
<tr>
<td>AT 29-2G21</td>
<td>315</td>
<td>9,320</td>
<td>16,260</td>
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<td>12' 3/4&quot;</td>
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<td>12' 3/4&quot;</td>
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<tr>
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</table>

**SLSF Addition**

### Notes:

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Outlet connection extends beyond bottom flange.
†† Height includes fan guard which ships factory mounted.
††† Heaviest section is upper section.
## Models: AT/UT/USS 217-2G11 to 217-4L11

### Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Weight (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>Dimensions</th>
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</table>

NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.

(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.

(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.

(4) Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Height includes fan guard which ships factory mounted.

†† Outlet connection extends beyond bottom flange.

††† Heaviest section is upper section.
### Models: AT/UT/USS 19-2H12 to 19-4M12

One-Cell Cooling Towers

---

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<td>150</td>
<td>150</td>
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<td>1' 9&quot;</td>
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</tbody>
</table>

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**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
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Outlet connection extends beyond bottom flange.
Heaviest section is upper section.

---

**Dimensions:**
- H †: Height includes fan guard which ships factory mounted.
- T †: Height includes fan guard which ships factory mounted.
- P †: Height includes fan guard which ships factory mounted.
### Models: AT/UT/USS 217-2H12 to 217-4M12

#### Two-Cell Cooling Towers

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**SLSF Addition**

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<tr>
<th>Nominal Tonnage</th>
<th>Container Weights (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>Dimensions</th>
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**Outlet connection extends beyond bottom flange.**

**Height includes fan guard which ships factory mounted.**

**Heaviest section is upper section.**
Models: AT/UT/USS 29-2H24 to 29-4M24
Two-Cell Cooling Towers

<table>
<thead>
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<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
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† Height includes fan guard which ships factory-mounted.
†† Heaviest section is upper section.
Models: AT/UT/USS 39-2H36 to 39-4M36
Three-Cell Cooling Towers

### Models: AT/UT/USS 29-2H24 to 29-4M24
Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Dimensions</th>
<th>H</th>
<th>T</th>
<th>P</th>
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<tbody>
<tr>
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<td>143-3/4&quot;</td>
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### Models: AT/UT/USS 39-2H36 to 39-4M36
Three-Cell Cooling Towers

<table>
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<tr>
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<th>Nominal Tonnage</th>
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<th>H</th>
<th>T</th>
<th>P</th>
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<tbody>
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<td>AT 39-2H36</td>
<td>605</td>
<td>12' 6-3/4&quot;</td>
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<tr>
<td>AT 39-2I36</td>
<td>686</td>
<td>12' 6-3/4&quot;</td>
<td>7' 1/2&quot;</td>
<td>8' 9-1/2&quot;</td>
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<tr>
<td>AT 39-2J36</td>
<td>765</td>
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<td>7' 1/2&quot;</td>
<td>8' 9-1/2&quot;</td>
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<tr>
<td>AT 39-2K36</td>
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<td>7' 1/2&quot;</td>
<td>8' 9-1/2&quot;</td>
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</tr>
<tr>
<td>AT 39-3H36</td>
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<td>8' 1/2&quot;</td>
<td>9' 9-1/2&quot;</td>
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<tr>
<td>AT 39-3I36</td>
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<td>8' 1/2&quot;</td>
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<tr>
<td>AT 39-3J36</td>
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<td>AT 39-3K36</td>
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<tr>
<td>AT 39-3L36</td>
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<td>AT 39-4H36</td>
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<td>AT 39-4J36</td>
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<td>AT 39-4M36</td>
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<tr>
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<td>1' 9&quot;</td>
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**Weights (LBS)**

<table>
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<tr>
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<th>Weights (LBS)</th>
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<tbody>
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<tr>
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<td>686</td>
<td>Shipping 16,080, Operating 27,660, Heaviest Section 3,460</td>
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<tr>
<td>AT 39-2J36</td>
<td>765</td>
<td>Shipping 16,320, Operating 27,900, Heaviest Section 3,540</td>
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<td>843</td>
<td>Shipping 16,440, Operating 28,020, Heaviest Section 3,580</td>
</tr>
<tr>
<td>AT 39-3H36</td>
<td>682</td>
<td>Shipping 17,070, Operating 28,650, Heaviest Section 3,790</td>
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<tr>
<td>AT 39-3I36</td>
<td>763</td>
<td>Shipping 17,160, Operating 28,740, Heaviest Section 3,820</td>
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<tr>
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<td>862</td>
<td>Shipping 17,400, Operating 28,980, Heaviest Section 3,890</td>
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<tr>
<td>AT 39-3K36</td>
<td>951</td>
<td>Shipping 17,520, Operating 29,100, Heaviest Section 3,940</td>
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<td>Shipping 17,580, Operating 29,160, Heaviest Section 3,960</td>
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<tr>
<td>AT 39-4J36</td>
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<td>Shipping 450, Operating 450, Heaviest Section 150</td>
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</table>

**Dimensions**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Dimensions</th>
<th>H</th>
<th>T</th>
<th>P</th>
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<tbody>
<tr>
<td>AT 39-2H36</td>
<td>605</td>
<td>12' 6-3/4&quot;</td>
<td>7' 1/2&quot;</td>
<td>8' 9-1/2&quot;</td>
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<tr>
<td>AT 39-2I36</td>
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<td>7' 1/2&quot;</td>
<td>8' 9-1/2&quot;</td>
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<tr>
<td>AT 39-2J36</td>
<td>765</td>
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<td>7' 1/2&quot;</td>
<td>8' 9-1/2&quot;</td>
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<tr>
<td>AT 39-2K36</td>
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<td>7' 1/2&quot;</td>
<td>8' 9-1/2&quot;</td>
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<td>AT 39-3H36</td>
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<td>AT 39-3I36</td>
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<td>8' 1/2&quot;</td>
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<td>AT 39-3J36</td>
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<td>8' 1/2&quot;</td>
<td>9' 9-1/2&quot;</td>
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<tr>
<td>AT 39-4H36</td>
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<td>9' 1/2&quot;</td>
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<td>AT 39-4I36</td>
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<td>9' 1/2&quot;</td>
<td>10' 9-1/2&quot;</td>
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<tr>
<td>AT 39-4J36</td>
<td>893</td>
<td>14' 6-3/4&quot;</td>
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<td></td>
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<tr>
<td>AT 39-4K36</td>
<td>984</td>
<td>14' 6-3/4&quot;</td>
<td>9' 1/2&quot;</td>
<td>10' 9-1/2&quot;</td>
<td></td>
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<tr>
<td>AT 39-4L36</td>
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<td>9' 1/2&quot;</td>
<td>10' 9-1/2&quot;</td>
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<tr>
<td>AT 39-4M36</td>
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<td>9' 1/2&quot;</td>
<td>10' 9-1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>SLSF Addition</td>
<td>450</td>
<td>1' 9&quot;</td>
<td>1' 9&quot;</td>
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</tr>
</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.
♦ Heaviest section is upper section.
Models: AT/UT/USS 19-2H14 to 19-4M14
One-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<td></td>
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<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
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<td>10,240</td>
<td>3,680</td>
<td>7.5</td>
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<tr>
<td>AT 19-2I14</td>
<td>251</td>
<td>5,760</td>
<td>10,270</td>
<td>3,790</td>
<td>10</td>
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<tr>
<td>AT 19-2J14</td>
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<td>10,350</td>
<td>3,830</td>
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<tr>
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<td>10,390</td>
<td>3,880</td>
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<td>3,920</td>
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<td>AT 19-3H14</td>
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<td>10</td>
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<td>AT 19-3K14</td>
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<td>AT 19-3M14</td>
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<td>4,300</td>
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<td>11,100</td>
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<td>11,130</td>
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<td>11,210</td>
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<td>AT 19-4K14</td>
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<td>11,270</td>
<td>4,710</td>
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<tr>
<td>AT 19-4M14</td>
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<td>150</td>
<td>150</td>
<td>150</td>
<td>110</td>
<td>11&quot; 9-1/2&quot;</td>
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</tbody>
</table>

NOTE: [1] An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
[2] Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
[4] Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.
* Heaviest section is upper section.
# Models: AT/UT/USS 217-2H14 to 217-4M14

## Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>SHIPPING</th>
<th>OPERATING</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT 217-2H14</td>
<td>435</td>
<td>11,640</td>
<td>20,660</td>
<td>3,680</td>
<td>(2) 7.5</td>
<td>112,300</td>
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</tr>
<tr>
<td>AT 217-2I14</td>
<td>494</td>
<td>11,700</td>
<td>20,720</td>
<td>3,710</td>
<td>(2) 10</td>
<td>123,000</td>
<td>H: 12' 9-3/8&quot;</td>
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<tr>
<td>AT 217-2J14</td>
<td>551</td>
<td>11,860</td>
<td>20,880</td>
<td>3,790</td>
<td>(2) 15</td>
<td>140,200</td>
<td>H: 12' 9-3/8&quot;</td>
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<tr>
<td>AT 217-2K14</td>
<td>608</td>
<td>11,940</td>
<td>20,960</td>
<td>3,830</td>
<td>(2) 20</td>
<td>153,600</td>
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<td>21,000</td>
<td>3,850</td>
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<td>164,700</td>
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<td>21,480</td>
<td>4,090</td>
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<td>21,540</td>
<td>4,120</td>
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<td>121,100</td>
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<td>21,700</td>
<td>4,200</td>
<td>(2) 15</td>
<td>137,700</td>
<td>H: 13' 9-3/8&quot;</td>
</tr>
<tr>
<td>AT 217-3K14</td>
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<td>21,780</td>
<td>4,240</td>
<td>(2) 20</td>
<td>150,600</td>
<td>H: 13' 9-3/8&quot;</td>
</tr>
<tr>
<td>AT 217-3L14</td>
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<td>21,820</td>
<td>4,260</td>
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<td>161,500</td>
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<tr>
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<td>21,860</td>
<td>4,280</td>
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<tr>
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<td>22,380</td>
<td>4,540</td>
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<tr>
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<td>22,440</td>
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<td>119,100</td>
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<td>150</td>
<td></td>
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<td>H: 1' 9&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Outlet connection extends beyond bottom flange.
†† Height includes fan guard which ships factory mounted.
††† Heaviest section is upper section.
# Models: AT/UT/USS 29-2H28 to 29-4M28

## Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT 29-2I28</td>
<td>506</td>
<td>11,700</td>
<td>20,840</td>
<td>3,790</td>
<td>112,300</td>
</tr>
<tr>
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<td>12,100</td>
<td>21,000</td>
<td>4,090</td>
<td>133,600</td>
</tr>
<tr>
<td>AT 29-4I28</td>
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<td>12,500</td>
<td>21,200</td>
<td>4,390</td>
<td>153,600</td>
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<td>21,400</td>
<td>4,690</td>
<td>173,600</td>
</tr>
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<td>193,600</td>
</tr>
<tr>
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<td>21,800</td>
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<td>213,600</td>
</tr>
<tr>
<td>AT 29-8I28</td>
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<td>22,000</td>
<td>5,590</td>
<td>233,600</td>
</tr>
<tr>
<td>AT 29-9I28</td>
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<td>14,500</td>
<td>22,200</td>
<td>5,890</td>
<td>253,600</td>
</tr>
</tbody>
</table>

### Notes:

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange.

Height includes fan guard which ships factory mounted.

Heaviest section is upper section.
Models: AT/UT/USS 39-2H42 to 39-4M42
Three-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
</tr>
<tr>
<td>AT 39-2H42</td>
<td>664</td>
<td>17,430</td>
<td>30,960</td>
<td>3,680</td>
<td>167,700</td>
</tr>
<tr>
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<td>754</td>
<td>17,520</td>
<td>31,050</td>
<td>3,710</td>
<td>183,700</td>
</tr>
<tr>
<td>AT 39-2J42</td>
<td>840</td>
<td>17,760</td>
<td>31,290</td>
<td>3,790</td>
<td>209,300</td>
</tr>
<tr>
<td>AT 39-2K42</td>
<td>927</td>
<td>17,880</td>
<td>31,410</td>
<td>3,830</td>
<td>229,300</td>
</tr>
<tr>
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<td>18,940</td>
<td>31,740</td>
<td>3,880</td>
<td>248,000</td>
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<td>18,660</td>
<td>32,190</td>
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<td>205,600</td>
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<td>19,110</td>
<td>32,640</td>
<td>4,240</td>
<td>224,900</td>
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<tr>
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<td>1,130</td>
<td>19,170</td>
<td>32,700</td>
<td>4,260</td>
<td>241,200</td>
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<tr>
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<td>19,230</td>
<td>32,760</td>
<td>4,280</td>
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<td>34,990</td>
<td>4,690</td>
<td>221,400</td>
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<tr>
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<td>20,520</td>
<td>34,050</td>
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<td>237,200</td>
</tr>
<tr>
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<td>1,239</td>
<td>20,580</td>
<td>34,110</td>
<td>4,730</td>
<td>251,100</td>
</tr>
<tr>
<td>SLSF Addition</td>
<td>450</td>
<td>450</td>
<td>130</td>
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<td></td>
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</tbody>
</table>

NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
(4) Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange.
Heaviest section is upper section.
## Models: AT/UT/USS 110-2I12 to 110-4N12
### One-Cell Cooling Towers

### Dimensions

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Weights (LBS)</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
</tr>
<tr>
<td>AT 110-2I12</td>
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<td>6,620</td>
<td>11,580</td>
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<tr>
<td>AT 110-2J12</td>
<td>276</td>
<td>6,690</td>
<td>11,650</td>
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<tr>
<td>AT 110-2K12</td>
<td>305</td>
<td>6,740</td>
<td>11,700</td>
</tr>
<tr>
<td>AT 110-2L12</td>
<td>326</td>
<td>6,790</td>
<td>11,750</td>
</tr>
<tr>
<td>AT 110-2M12</td>
<td>342</td>
<td>6,890</td>
<td>11,850</td>
</tr>
<tr>
<td>AT 110-3I12</td>
<td>264</td>
<td>7,100</td>
<td>12,060</td>
</tr>
<tr>
<td>AT 110-3J12</td>
<td>309</td>
<td>7,170</td>
<td>12,130</td>
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<tr>
<td>AT 110-3K12</td>
<td>338</td>
<td>7,220</td>
<td>12,180</td>
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<tr>
<td>AT 110-3L12</td>
<td>361</td>
<td>7,270</td>
<td>12,230</td>
</tr>
<tr>
<td>AT 110-3M12</td>
<td>380</td>
<td>7,370</td>
<td>12,330</td>
</tr>
<tr>
<td>AT 110-4I12</td>
<td>277</td>
<td>7,520</td>
<td>12,480</td>
</tr>
<tr>
<td>AT 110-4J12</td>
<td>322</td>
<td>7,590</td>
<td>12,550</td>
</tr>
<tr>
<td>AT 110-4K12</td>
<td>350</td>
<td>7,640</td>
<td>12,600</td>
</tr>
<tr>
<td>AT 110-4L12</td>
<td>373</td>
<td>7,690</td>
<td>12,650</td>
</tr>
<tr>
<td>AT 110-4M12</td>
<td>393</td>
<td>7,790</td>
<td>12,750</td>
</tr>
<tr>
<td>AT 110-4N12</td>
<td>410</td>
<td>8,040</td>
<td>13,000</td>
</tr>
</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

- Outlet connection extends beyond bottom flange.
- Height includes fan guard which ships factory mounted.
- Heaviest section is upper section.
## Models: AT/UT/USS 220-2I12 to 220-4N12

### Two-Cell Cooling Towers

![Diagram of cooling tower](image)

### Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT 220-3M12</td>
<td>760</td>
<td>14,800</td>
<td>24,720</td>
<td>[2] 30</td>
<td>179,000</td>
</tr>
<tr>
<td>AT 220-4N12</td>
<td>820</td>
<td>16,140</td>
<td>26,060</td>
<td>[2] 35</td>
<td>184,800</td>
</tr>
<tr>
<td>AT 220-4N12</td>
<td>820</td>
<td>16,140</td>
<td>26,060</td>
<td>[2] 35</td>
<td>184,800</td>
</tr>
</tbody>
</table>

### Notes

- Outlet connection extends beyond bottom flange.
- Height includes fan guard which ships factory mounted.
- Heaviest section is upper section.
- Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.

### Dimensions

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT 220-4N12</td>
<td>820</td>
<td>16,140</td>
<td>26,060</td>
<td>10-3&quot;</td>
</tr>
</tbody>
</table>

### Notes

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
## Models: AT/UT/USS 210-2I24 to 210-4N24

Two-Cell Cooling Towers

### WEIGHS (LBS)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Nominal Tonnage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Fan Motor (HP)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Nominal Tonnage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Air Flow (CFM)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Nominal Tonnage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### DIMENSIONS

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Nominal Tonnage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### NOTE:

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange.

Heaviest section is upper section.

Outlet connection extends beyond bottom flange.

Height includes fan guard which ships factory mounted.
Models: AT/UT/USS 310-2136 to 310-4N36
Three-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
</tr>
<tr>
<td>AT 310-2I36</td>
<td>672</td>
<td>20,730</td>
<td>35,780</td>
<td>4,200</td>
<td>194,400</td>
</tr>
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<td>AT 310-2J36</td>
<td>817</td>
<td>20,940</td>
<td>35,990</td>
<td>4,270</td>
<td>220,800</td>
</tr>
<tr>
<td>AT 310-2K36</td>
<td>903</td>
<td>21,090</td>
<td>36,140</td>
<td>4,320</td>
<td>242,000</td>
</tr>
<tr>
<td>AT 310-2L36</td>
<td>963</td>
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<td>36,290</td>
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<td>259,900</td>
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<tr>
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<td>37,220</td>
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<td>191,200</td>
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<td>37,430</td>
<td>4,750</td>
<td>217,100</td>
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<td>37,580</td>
<td>4,800</td>
<td>237,600</td>
</tr>
<tr>
<td>AT 310-3L36</td>
<td>1,068</td>
<td>22,680</td>
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<td>255,000</td>
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<td>270,100</td>
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<td>234,000</td>
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<td>39,290</td>
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<td>251,000</td>
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<td>2,100</td>
<td>2,100</td>
<td>700</td>
<td>1' 9-1/2&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**
(1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
(4) Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

- Outlet connection extends beyond bottom flange.
- Heaviest section is upper section.
- Height includes fan guard which ships factory mounted.

SLSF Addition

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Weight (LBS)</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLSF Addition</td>
<td>2,100</td>
<td>2,100</td>
<td>700</td>
</tr>
<tr>
<td></td>
<td>1' 9-1/2&quot;</td>
<td>1' 9-1/2&quot;</td>
<td></td>
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</tbody>
</table>

† Height includes fan guard which ships factory mounted.
### Models: AT/UT/USS 110-2I18 to 110-4N18

**One-Cell Cooling Towers**

### Dimensions and Weights Table

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H †</td>
</tr>
<tr>
<td>AT 110-2I18</td>
<td>290</td>
<td>9,190</td>
<td>16,790</td>
<td>5,640</td>
<td>10</td>
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<tr>
<td>AT 110-2J18</td>
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<td>17,060</td>
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<td>700</td>
<td>700</td>
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<td>1' 9-1/2&quot;</td>
</tr>
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</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

Outlet connection extends beyond bottom flange.  
† Height includes fan guard which ships factory mounted.  
♦ Heaviest section is upper section.
## Models: AT/UT/USS 220-2I18 to 220-4N18
### Two-Cell Cooling Towers

**ACCESS DOORS SWING INSIDE UNIT**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th><strong>WEIGHTS (LBS)</strong></th>
<th>Fan Motor [HP]</th>
<th>Air Flow (CFM)</th>
<th><strong>DIMENSIONS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>AT 220-2I18</td>
<td>580</td>
<td>19,100</td>
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<td>5,640</td>
<td>(2) 10 171,200</td>
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<td>19,240</td>
<td>34,440</td>
<td>5,710</td>
<td>(2) 15 194,700</td>
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<tr>
<td>AT 220-2K18</td>
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<td>19,340</td>
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<tr>
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<td>1,400</td>
<td>1,400</td>
<td>700</td>
<td>1' 9-1/2&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

Outlet connection extends beyond bottom flange.  
Height includes fan guard which ships factory mounted.  
Heaviest section is upper section.
### Two-Cell Cooling Towers

#### Models: AT/UT/USS 210-2I36 to 210-4N36

**ACCESS DOOR**

9' 9-3/4" ACCESS DOOR

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<tr>
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<td>1400</td>
<td>1400</td>
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<td>1' 9-1/2&quot;</td>
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</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

- Outlet connection extends beyond bottom flange.
- Heaviest section is upper section.

- Height includes fan guard which ships factory mounted.

† Height includes fan guard which ships factory mounted.
## Models: AT/UT/USS 112-2I12 to 112-4N12

### One-Cell Cooling Towers

![Diagram of cooling tower](image)

### Models Overview
- **Two-Cell Cooling Towers**
  - Models: AT/UT/USS 210-2I36 to 210-4N36

### Dimensions
- **H** (Height): 71-7/8”
- **T** (Width): 11' 11-3/4”
- **P** (Depth): 9”

### Inlets and Outlets
- **8 BFW/GROOVED INLET**
- **8 BFW/GROOVED OUTLET**
- **3 FPT OVERFLOW**
- **3 FPT DRAIN**
- **2 MPT MAKE-UP**
- **ACCESS DOOR**

### Access Door
- **Access Door Swings**: Inside Unit

### Model Specifications
<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<td></td>
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<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
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<td>SLSF Addition</td>
<td>700</td>
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<td>700</td>
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<td></td>
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### Notes
1. Outlet connection extends beyond bottom flange.
2. Height includes fan guard which ships factory mounted.
3. Heaviest section is upper section.

---

NOTE:  
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.  
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.  
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.  
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
Models: AT/UT/USS 212-2I24 to 212-4N24
Two-Cell Cooling Towers

| Model No.   | Nominal Tonnage | WEIGHTS (LBS)       | Fan Motor [HP] | Air Flow (CFM) | DIMENSIONS
|------------|-----------------|---------------------|----------------|---------------|-------------
|            |                 | Shipping | Operating | Heaviest Section† | H | T  | P |
| AT 212-2I24 | 560             | 14,800   | 27,220   | 4,860          | 14' 6-1/4" | 8"  | 9' 2" |
| AT 212-2J24 | 667             | 15,080   | 27,500   | 5,000          | 14' 6-1/4" | 8"  | 9' 2" |
| AT 212-2K24 | 729             | 15,180   | 27,600   | 5,050          | 14' 6-1/4" | 8"  | 9' 2" |
| AT 212-2L24 | 782             | 15,280   | 27,700   | 5,100          | 14' 6-1/4" | 8"  | 9' 2" |
| AT 212-2M24 | 828             | 15,480   | 27,900   | 5,200          | 14' 6-1/4" | 8"  | 9' 2" |
| AT 212-2I24 | 633             | 15,880   | 28,300   | 5,400          | 15' 6-1/4" | 9"  | 10' 2"|
| AT 212-2J24 | 740             | 16,160   | 28,580   | 5,540          | 15' 6-1/4" | 9"  | 10' 2"|
| AT 212-2K24 | 807             | 16,260   | 28,680   | 5,590          | 15' 6-1/4" | 9"  | 10' 2"|
| AT 212-2L24 | 868             | 16,360   | 28,780   | 5,640          | 15' 6-1/4" | 9"  | 10' 2"|
| AT 212-2M24 | 922             | 16,560   | 28,980   | 5,740          | 15' 6-1/4" | 9"  | 10' 2"|
| AT 212-2I24 | 674             | 16,860   | 29,280   | 5,890          | 16' 6-1/4" | 10" | 11' 2"|
| AT 212-2J24 | 775             | 17,140   | 29,560   | 6,030          | 16' 6-1/4" | 10" | 11' 2"|
| AT 212-2K24 | 843             | 17,240   | 29,660   | 6,080          | 16' 6-1/4" | 10" | 11' 2"|
| AT 212-2L24 | 908             | 17,340   | 29,760   | 6,130          | 16' 6-1/4" | 10" | 11' 2"|
| AT 212-2M24 | 963             | 17,540   | 29,960   | 6,230          | 16' 6-1/4" | 10" | 11' 2"|
| AT 212-2N24 | 1,030           | 18,040   | 30,460   | 6,480          | 16' 6-1/4" | 10" | 11' 2"|
| SLSF Addition | 1,400          | 1,400    | 1,400    | 1,400          | 1' 9-1/2" | 1' 9-1/2" |

NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
(4) Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange.
Height includes fan guard which ships factory mounted.
Heaviest section is upper section.
### Models: AT/UT/USS 312-2I36 to 312-4N36

Three-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
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**NOTE:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Height includes fan guard which ships factory mounted.

Outlet connection extends beyond bottom flange.

Heaviest section is upper section.
### Models: AT/UT/USS 424-2I24 to 424-4N24

**Four-Cell Cooling Towers**

---

<table>
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<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Height includes fan guard which ships factory mounted.

Office connection extends beyond bottom flange.

† Height includes fan guard which ships factory mounted.
## Models: AT/UT/USS 112-2I14 to 112-4N14

### One-Cell Cooling Towers

### Models and Dimensions

**Four-Cell Cooling Towers**

- **Models:** AT/UT/USS 424-2I24 to 424-4N24

**Dimensions:**
- **Height (H):** 83-7/8"
- **Top (T):** 13' 11-3/4"
- **Piping (P):** 9" x 5-1/4"
- **Inlet:** 10 BFW/GROOVED
- **Outlet:** 10 BFW/GROOVED
- **Overflows:** 3 FPT
- **Drains:** 3 FPT
- **Make-Up:** 2 MPT
- **Access Doors:** 7"
- **Access Door Swings Inside Unit:** 11' 10"

### Table: Specifications

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**Dimensions:**
- **Height (H):** 83-7/8"
- **Top (T):** 13' 11-3/4"
- **Piping (P):** 9" x 5-1/4"
- **Inlet:** 10 BFW/GROOVED
- **Outlet:** 10 BFW/GROOVED
- **Overflows:** 3 FPT
- **Drains:** 3 FPT
- **Make-Up:** 2 MPT
- **Access Doors:** 7"
- **Access Door Swings Inside Unit:** 11' 10"

**Outlet connection extends beyond bottom flange.**

**Heaviest section is upper section.**

### Notes:
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
### Models: AT/UT/USS 212-2I28 to 212-4N28

Two-Cell Cooling Towers

#### Access Doors Swing Inside Unit

![Diagram of Access Doors Swing Inside Unit]

#### Specifications

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<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
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**NOTE:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Outlet connection extends beyond bottom flange.
†† Height includes fan guard which ships factory mounted.

††† Outlet connection extends beyond bottom flange.
## Models: AT/UT/USS 312-2I42 to 312-4N42

### Three-Cell Cooling Towers

### Dimensions

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<th>Nominal Tonnage</th>
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<th>Fan Motor (HP)</th>
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<td>Operating</td>
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<td>H† T† P</td>
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<td>2,400</td>
<td>1,200</td>
<td></td>
<td>19-1/2&quot; 19-1/2&quot;</td>
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</table>

**NOTE:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange. Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.
### Models: AT/UT/USS 424-2I28 to 424-4N28

**Four-Cell Cooling Towers**

#### Models and Dimensions

<table>
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<td>647,600</td>
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**NOTE:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange.

† Height includes fan guard which ships factory mounted.

* L=Lower Section, U=Upper Section
Models: AT/UT/USS 112-2J18 to 112-4P18
One-Cell Cooling Towers

### Model No. | Nominal Tonnage | WEIGHTS (LBS) | Fan Motor (HP) | Air Flow (CFM) | DIMENSIONS
---|---|---|---|---|---
AT 112-2J18 | 439 | 10,600 | 19,870 | 6,700 | 15 | H: 14'-1/4" | T: 8' 4" | P: 9' 1"
AT 112-2K18 | 497 | 10,660 | 19,930 | 6,760 | 20 | 120,600 | 14'-1/4" | 8' 4" | 9' 1"
AT 112-2L18 | 525 | 10,710 | 19,980 | 6,810 | 25 | 129,600 | 14'-1/4" | 8' 4" | 9' 1"
AT 112-2M18 | 554 | 10,820 | 20,090 | 6,920 | 30 | 137,400 | 14'-1/4" | 8' 4" | 9' 1"
AT 112-2N18 | 610 | 11,080 | 20,350 | 7,180 | 40 | 150,500 | 14'-1/4" | 8' 4" | 9' 1"
AT 112-3J18 | 488 | 11,380 | 20,650 | 7,480 | 15 | 108,500 | 15'-6-1/4" | 9' 4" | 10' 1"
AT 112-3K18 | 546 | 11,440 | 20,760 | 7,590 | 20 | 118,700 | 15'-6-1/4" | 9' 4" | 10' 1"
AT 112-3L18 | 581 | 11,490 | 20,760 | 7,590 | 25 | 127,400 | 15'-6-1/4" | 9' 4" | 10' 1"
AT 112-3M18 | 614 | 11,600 | 20,870 | 7,700 | 30 | 134,900 | 15'-6-1/4" | 9' 4" | 10' 1"
AT 112-3N18 | 675 | 11,860 | 21,130 | 7,960 | 40 | 147,600 | 15'-6-1/4" | 9' 4" | 10' 1"
AT 112-3O18 | 724 | 11,920 | 21,130 | 8,020 | 50 | 158,500 | 15'-6-1/4" | 9' 4" | 10' 1"
AT 112-4J18 | 518 | 12,120 | 21,390 | 8,220 | 15 | 106,700 | 16'-6-1/4" | 10' 4" | 11' 1"
AT 112-4K18 | 572 | 12,180 | 21,450 | 8,280 | 20 | 116,800 | 16'-6-1/4" | 10' 4" | 11' 1"
AT 112-4L18 | 606 | 12,230 | 21,500 | 8,330 | 25 | 125,400 | 16'-6-1/4" | 10' 4" | 11' 1"
AT 112-4M18 | 642 | 12,340 | 21,610 | 8,440 | 30 | 132,800 | 16'-6-1/4" | 10' 4" | 11' 1"
AT 112-4N18 | 705 | 12,600 | 21,870 | 8,700 | 40 | 145,200 | 16'-6-1/4" | 10' 4" | 11' 1"
AT 112-4O18 | 757 | 12,660 | 21,930 | 8,760 | 50 | 155,600 | 16'-6-1/4" | 10' 4" | 11' 1"
AT 112-4P18 | 785 | 12,770 | 22,040 | 8,870 | 60 | 164,900 | 16'-6-1/4" | 10' 4" | 11' 1"
SLSF Addition | 1,200 | 120,000 | 1,200 | 1,200 | 13'-1/2" | 13'-1/2"

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.
†† Heaviest section is upper section.
Models: AT/UT/USS 224-2J18 to 224-4P18
Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
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<tr>
<td>AT 224-2J18</td>
<td>877</td>
<td>22,160</td>
<td>40,700</td>
<td>6,700</td>
<td>215</td>
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<tr>
<td>AT 224-2K18</td>
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<td>40,820</td>
<td>6,760</td>
<td>220</td>
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<tr>
<td>AT 224-2L18</td>
<td>1,051</td>
<td>22,380</td>
<td>40,920</td>
<td>6,810</td>
<td>225</td>
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<tr>
<td>AT 224-2M18</td>
<td>1,107</td>
<td>22,600</td>
<td>41,140</td>
<td>6,920</td>
<td>230</td>
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<tr>
<td>AT 224-2N18</td>
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<td>22,720</td>
<td>41,360</td>
<td>6,990</td>
<td>235</td>
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<td>AT 224-2P18</td>
<td>1,219</td>
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<td>41,580</td>
<td>7,040</td>
<td>240</td>
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<tr>
<td>AT 224-3J18</td>
<td>977</td>
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<td>42,260</td>
<td>7,480</td>
<td>215</td>
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<tr>
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<td>42,480</td>
<td>7,590</td>
<td>220</td>
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<td>230</td>
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<td>235</td>
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<td>240</td>
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<td>8,700</td>
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<td>8,760</td>
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<td>2,400</td>
<td>4,200</td>
<td>1,200</td>
<td>240</td>
</tr>
</tbody>
</table>

NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
(4) Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
(5) This box size is available in a dual fan/cell configuration.

Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.
Heaviest section is upper section.
### Models: AT/UT/USS 212-2J36 to 212-4P36

**Two-Cell Cooling Towers**

<table>
<thead>
<tr>
<th></th>
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<th></th>
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</thead>
<tbody>
<tr>
<td></td>
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<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
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<td>40,120</td>
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<tr>
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<td>(2) 40</td>
<td>4,200</td>
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**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

*Outlet connection extends beyond bottom flange.†Height includes fan guard which ships factory mounted. Heaviest section is upper section.*

![Diagram of Two-Cell Cooling Towers](image_url)
Models: AT/UT/USS 312-2J54 to 312-4P54
Three-Cell Cooling Towers

(MODEL): AT/UT/USS 424-2J36 to 424-4P36
Four-Cell Cooling Towers

- (3) 3 FPT OVERFLOW
- (3) 2 MPT MAKE-UP
- (3) 3 FPT DRAIN
- (3) 10 BFW/GROOVED OUTLET
- (3) 10 BFW/GROOVED INLET
- 2" ACCESS DOOR SWING INSIDE UNIT
- 3" ACCESS DOOR
- 7" ACCESS DOOR
- 207" ACCESS DOOR

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor [HP]</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<td>2,124</td>
<td>38,640</td>
<td>66,450</td>
<td>8,700</td>
<td>435,800</td>
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<tr>
<td>AT 312-4O54</td>
<td>2,281</td>
<td>38,820</td>
<td>66,630</td>
<td>8,760</td>
<td>467,000</td>
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<tr>
<td>AT 312-4P54</td>
<td>2,367</td>
<td>39,150</td>
<td>66,960</td>
<td>8,870</td>
<td>494,700</td>
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<td>3,600</td>
<td>3,600</td>
<td>1,200</td>
<td>3,600</td>
<td>1,200</td>
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</table>

NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’S Equipment Layout Manual.
(4) Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
(5) This box size is available in a dual fan/cell configuration.

Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.
♦ Heaviest section is upper section.
Models: AT/UT/USS 424-2J36 to 424-4P36
Four-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHS (LBS)</th>
<th>Fan Motor [HP]</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
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<tbody>
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<td></td>
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<td>Heaviest</td>
<td>H†</td>
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<td>43,840</td>
<td>80,540</td>
<td>8,520</td>
<td>16' 6-1/4&quot;</td>
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<tr>
<td>AT 424-2K36</td>
<td>1,914</td>
<td>44,080</td>
<td>80,780</td>
<td>8,520</td>
<td>16' 6-1/4&quot;</td>
</tr>
<tr>
<td>AT 424-2L36</td>
<td>2,023</td>
<td>44,280</td>
<td>80,980</td>
<td>8,520</td>
<td>16' 6-1/4&quot;</td>
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<tr>
<td>AT 424-2M36</td>
<td>2,133</td>
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<td>81,420</td>
<td>8,520</td>
<td>16' 6-1/4&quot;</td>
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<tr>
<td>AT 424-2N36</td>
<td>2,350</td>
<td>45,760</td>
<td>82,460</td>
<td>8,520</td>
<td>16' 6-1/4&quot;</td>
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<tr>
<td>AT 424-2O36</td>
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<td>48,880</td>
<td>85,580</td>
<td>8,520</td>
<td>16' 6-1/4&quot;</td>
</tr>
<tr>
<td>AT 424-2P36</td>
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<td>85,820</td>
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<td>4,800</td>
<td>1,200</td>
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<td>1' 3-1/2&quot;</td>
</tr>
</tbody>
</table>

NOTE: 
(1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water. 
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change. 
(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual. 
(4) Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature. 
(5) This box size is available in a dual fan/cell configuration.

Outlet connection extends beyond bottom flange. 
† Height includes fan guard which ships factory mounted.
### Models: AT/UT/USS 112-2K20 to 112-4P20

One-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<td>21,720</td>
<td>7,210</td>
<td>20</td>
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<tr>
<td>AT 112-2L20</td>
<td>506</td>
<td>11,370</td>
<td>21,770</td>
<td>7,260</td>
<td>25</td>
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<tr>
<td>AT 112-2M20</td>
<td>544</td>
<td>11,480</td>
<td>21,880</td>
<td>7,370</td>
<td>30</td>
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<tr>
<td>AT 112-2N20</td>
<td>625</td>
<td>11,740</td>
<td>22,140</td>
<td>7,630</td>
<td>40</td>
</tr>
<tr>
<td>AT 112-2O20</td>
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<td>11,800</td>
<td>22,200</td>
<td>7,690</td>
<td>50</td>
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<tr>
<td>AT 112-3K20</td>
<td>536</td>
<td>12,050</td>
<td>22,450</td>
<td>7,940</td>
<td>20</td>
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<tr>
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<td>22,500</td>
<td>7,990</td>
<td>25</td>
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<tr>
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<td>22,610</td>
<td>8,100</td>
<td>30</td>
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<td>22,870</td>
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<td>40</td>
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<td>22,930</td>
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<td>50</td>
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<tr>
<td>AT 112-4K20</td>
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<td>23,350</td>
<td>8,840</td>
<td>20</td>
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<tr>
<td>AT 112-4L20</td>
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<td>23,400</td>
<td>8,890</td>
<td>25</td>
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<tr>
<td>AT 112-4M20</td>
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<td>23,510</td>
<td>9,000</td>
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<td>9,260</td>
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<td>23,830</td>
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<td>50</td>
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<td>23,940</td>
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<td>1,200</td>
<td>1,200</td>
<td>1' 3 1/2&quot;</td>
<td>1' 3 1/2&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

† Height includes fan guard which ships factory mounted.

Outlet connection extends beyond bottom flange.

Heaviest section is upper section.
## Models: AT/UT/USS 224-2K20 to 224-4P20

**Two-Cell Cooling Towers**

### Technical Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>Weights (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H †</td>
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<td>893</td>
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<td>7,210</td>
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<tr>
<td>AT 224-2L20</td>
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<td>23,760</td>
<td>44,560</td>
<td>7,260</td>
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<tr>
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<td>44,780</td>
<td>7,370</td>
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<td>45,300</td>
<td>7,630</td>
<td>20' 0&quot;</td>
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<td>8,360</td>
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<td>AT 224-3O20</td>
<td>1,482</td>
<td>26,080</td>
<td>46,880</td>
<td>8,420</td>
<td>20' 0&quot;</td>
</tr>
<tr>
<td>AT 224-4K20</td>
<td>1,119</td>
<td>26,920</td>
<td>47,720</td>
<td>8,840</td>
<td>20' 0&quot;</td>
</tr>
<tr>
<td>AT 224-4L20</td>
<td>1,210</td>
<td>27,020</td>
<td>47,820</td>
<td>8,890</td>
<td>20' 0&quot;</td>
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<tr>
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</tr>
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<td>2,400</td>
<td>2,400</td>
<td>1,200</td>
<td></td>
<td>1' 3-1/2&quot;</td>
</tr>
</tbody>
</table>

### Notes:

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

- Outlet connection extends beyond bottom flange.
- Height includes fan guard which ships factory mounted.
- Heaviest section is upper section.

### Diagrams:

- Two-cell cooling tower diagrams showing access doors, inlet and outlet connections, and dimensions.

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Models: AT/UT/USS 212-2K40 to 212-4P40

Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<td>7,210</td>
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<td>23,040</td>
<td>43,840</td>
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<tr>
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<td>23,260</td>
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<td>7,370</td>
<td>H: 15' 6-1/2&quot;</td>
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<tr>
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<td>23,780</td>
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<td>H: 15' 6-1/2&quot;</td>
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<tr>
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<td>7,940</td>
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<td>7,990</td>
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<td>1,170</td>
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<td>H: 1' 3-1/2&quot;</td>
</tr>
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</table>

NOTES:
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.
Heaviest section is upper section.
### Models: AT/UT/USS 312-2K60 to 312-4P60

#### Three-Cell Cooling Towers

<table>
<thead>
<tr>
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<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section</td>
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<td>69,540</td>
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<td>69,720</td>
<td>8,420</td>
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<td>71,460</td>
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<tr>
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<td>41,220</td>
<td>72,420</td>
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<tr>
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<td>2,440</td>
<td>41,550</td>
<td>72,750</td>
<td>9,430</td>
<td>3) 60</td>
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<tr>
<td>SLSF Addition</td>
<td>3,600</td>
<td>3,600</td>
<td>1,200</td>
<td>1' 3-1/2&quot;</td>
<td>1' 3-1/2&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

*Outlet connection extends beyond bottom flange.*
*Height includes fan guard which ships factory mounted.*
*Heaviest section is upper section.*
Models: AT/UT/USS 424-2K40 to 424-4P40
Four-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<tbody>
<tr>
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<td>46,840</td>
<td>88,040</td>
<td>9,000</td>
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<td>47,040</td>
<td>88,240</td>
<td>9,000</td>
<td>(4) 25</td>
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<tr>
<td>AT 424-2M40</td>
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<td>47,480</td>
<td>88,680</td>
<td>9,000</td>
<td>(4) 30</td>
</tr>
<tr>
<td>AT 424-2N40</td>
<td>2,379</td>
<td>48,520</td>
<td>89,720</td>
<td>9,000</td>
<td>(4) 40</td>
</tr>
<tr>
<td>AT 424-2O40</td>
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<td>48,760</td>
<td>89,960</td>
<td>9,000</td>
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<td>90,960</td>
<td>9,000</td>
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<td>91,160</td>
<td>9,000</td>
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<td>2,380</td>
<td>50,400</td>
<td>91,600</td>
<td>9,000</td>
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<td>2,670</td>
<td>51,440</td>
<td>92,640</td>
<td>9,000</td>
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<td>92,880</td>
<td>9,000</td>
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<td>53,360</td>
<td>94,560</td>
<td>9,000</td>
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<td>94,760</td>
<td>9,000</td>
<td>(4) 25</td>
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<td>95,200</td>
<td>9,000</td>
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<td>96,480</td>
<td>9,320</td>
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<td>3,141</td>
<td>55,720</td>
<td>96,920</td>
<td>9,430</td>
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<td>4,800</td>
<td>4,800</td>
<td>1,200</td>
<td>1,200</td>
<td>1-3/8'</td>
</tr>
</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

Outlet connection extends beyond bottom flange.
Height includes fan guard which ships factory-mounted.

L=Lower Section, U=Upper Section
### Models: AT/UT/USS 114-2K24 to 114-4R24

One-Cell Cooling Towers

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#### Access Door Swings Inside Unit

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#### Table: Model Weights and Dimensions

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor [HP]</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
</tr>
<tr>
<td>AT 114-2K24</td>
<td>619</td>
<td>16,870</td>
<td>32,720</td>
<td>10,600</td>
<td>17' 5-5/8&quot;</td>
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<tr>
<td>AT 114-2L24</td>
<td>684</td>
<td>16,920</td>
<td>32,770</td>
<td>10,650</td>
<td>17' 5-5/8&quot;</td>
</tr>
<tr>
<td>AT 114-2M24</td>
<td>722</td>
<td>16,940</td>
<td>32,790</td>
<td>10,670</td>
<td>17' 5-5/8&quot;</td>
</tr>
<tr>
<td>AT 114-2N24</td>
<td>781</td>
<td>17,090</td>
<td>32,940</td>
<td>10,820</td>
<td>17' 5-5/8&quot;</td>
</tr>
<tr>
<td>AT 114-2O24</td>
<td>839</td>
<td>17,440</td>
<td>33,290</td>
<td>11,170</td>
<td>17' 5-5/8&quot;</td>
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<tr>
<td>AT 114-3K24</td>
<td>708</td>
<td>17,910</td>
<td>33,760</td>
<td>11,640</td>
<td>18' 5-5/8&quot;</td>
</tr>
<tr>
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<td>775</td>
<td>17,960</td>
<td>33,810</td>
<td>11,690</td>
<td>18' 5-5/8&quot;</td>
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<tr>
<td>AT 114-3M24</td>
<td>812</td>
<td>17,980</td>
<td>33,830</td>
<td>11,710</td>
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<tr>
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<td>33,980</td>
<td>11,860</td>
<td>18' 5-5/8&quot;</td>
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<tr>
<td>AT 114-3O24</td>
<td>951</td>
<td>18,480</td>
<td>34,330</td>
<td>12,210</td>
<td>18' 5-5/8&quot;</td>
</tr>
<tr>
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<td>34,500</td>
<td>12,380</td>
<td>18' 5-5/8&quot;</td>
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<tr>
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<td>772</td>
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<td>34,800</td>
<td>12,680</td>
<td>19' 5-5/8&quot;</td>
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<tr>
<td>AT 114-4L24</td>
<td>834</td>
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<td>34,850</td>
<td>12,730</td>
<td>19' 5-5/8&quot;</td>
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<td>AT 114-4M24</td>
<td>872</td>
<td>19,020</td>
<td>34,870</td>
<td>12,750</td>
<td>19' 5-5/8&quot;</td>
</tr>
<tr>
<td>AT 114-4N24</td>
<td>947</td>
<td>19,170</td>
<td>35,020</td>
<td>12,900</td>
<td>19' 5-5/8&quot;</td>
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<tr>
<td>AT 114-4O24</td>
<td>998</td>
<td>19,520</td>
<td>35,370</td>
<td>13,250</td>
<td>19' 5-5/8&quot;</td>
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<tr>
<td>AT 114-4P24</td>
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<td>19,690</td>
<td>35,540</td>
<td>13,420</td>
<td>19' 5-5/8&quot;</td>
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<tr>
<td>AT 114-4Q24</td>
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<td>19,930</td>
<td>35,780</td>
<td>13,660</td>
<td>19' 5-5/8&quot;</td>
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<tr>
<td>AT 114-4R24</td>
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<td>20,370</td>
<td>36,220</td>
<td>14,100</td>
<td>19' 5-5/8&quot;</td>
</tr>
<tr>
<td>SLSF Addition</td>
<td>1,250</td>
<td>1,250</td>
<td>1,250</td>
<td>1,250</td>
<td>1'-1-1/2&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

* Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.
* Model available with gear drive only. Motor and access door located on 13’ 11-1/4’ unit end. Super Low Sound Fan is not available on this unit.
### Models: AT/UT/USS 228-2K24 to 228-4R24

Two-Cell Cooling Towers

#### Dimensions

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
</tr>
<tr>
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<td>64,960</td>
<td>10,600</td>
<td>312,300</td>
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<td>33,360</td>
<td>65,060</td>
<td>10,650</td>
<td>333,200</td>
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<td>65,100</td>
<td>10,670</td>
<td>355,400</td>
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<tr>
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<td>33,700</td>
<td>65,400</td>
<td>10,820</td>
<td>389,900</td>
</tr>
<tr>
<td>AT 228-2O24</td>
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<td>34,400</td>
<td>66,100</td>
<td>11,170</td>
<td>418,800</td>
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<td>67,140</td>
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<td>430,000</td>
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<td>67,040</td>
<td>11,640</td>
<td>307,600</td>
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<td>11,710</td>
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<td>68,180</td>
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<td>411,000</td>
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<tr>
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<td>37,560</td>
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<td>12,750</td>
<td>502,900</td>
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</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange. Heaviest section is upper section.

Height includes fan guard which ships factory mounted.

Model available with gear drive only. Motors and access doors located on 28'3-5/8" unit end. Super Low Sound Fan is not available on this unit.
Models: AT/UT/USS 214-2K48 to 214-4R48
Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Weaviest Section</td>
<td>H†</td>
</tr>
<tr>
<td>AT 214-2K48</td>
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<td>33,420</td>
<td>65,120</td>
<td>10,600</td>
<td>[2] 20</td>
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<td>67,200</td>
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<td>67,640</td>
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<tr>
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<td>36,640</td>
<td>68,340</td>
<td>12,210</td>
<td>[2] 50</td>
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<td>1,514</td>
<td>37,580</td>
<td>69,280</td>
<td>12,680</td>
<td>[2] 60</td>
</tr>
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<td>AT 214-4L48</td>
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<td>37,680</td>
<td>69,380</td>
<td>12,730</td>
<td>[2] 80</td>
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<td>37,720</td>
<td>69,420</td>
<td>12,900</td>
<td>[2] 100</td>
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<td>69,720</td>
<td>13,250</td>
<td>[2] 120</td>
</tr>
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<td>70,420</td>
<td>13,250</td>
<td>[2] 140</td>
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<td>SLSF Addition</td>
<td>2,500</td>
<td></td>
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</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Height includes fan guard which ships factory mounted.
Heaviest section is upper section.

Outlet connection extends beyond bottom flange.

Model available with gear drive only. Motors and access doors located on 13’11-1/4” unit ends. Super Low Sound Fan is not available on this unit.
### Models: AT/UT/USS 314-2K72 to 314-4Q72

**Three-Cell Cooling Towers**

#### Table of Dimensions and Weights

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
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<td>H¹ 17' 5-5/8&quot;</td>
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<td>97,740</td>
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</tr>
<tr>
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<td>50,640</td>
<td>98,190</td>
<td>10,820</td>
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<tr>
<td>AT 314-2072</td>
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<td>99,240</td>
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<td>11,690</td>
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<td>12,380</td>
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</tr>
<tr>
<td>AT 314-4K72</td>
<td>2,255</td>
<td>56,220</td>
<td>103,770</td>
<td>12,680</td>
<td></td>
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<tr>
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<td>2,437</td>
<td>56,370</td>
<td>103,920</td>
<td>12,730</td>
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</tr>
<tr>
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<td>56,430</td>
<td>103,980</td>
<td>12,750</td>
<td></td>
</tr>
<tr>
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<td>2,770</td>
<td>56,880</td>
<td>104,430</td>
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<tr>
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<td>105,990</td>
<td>13,420</td>
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<tr>
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<td>13,660</td>
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<tr>
<td>SLSF Addition</td>
<td>3,750</td>
<td>3,750</td>
<td>1,250</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Outlet connection extends beyond bottom flange.
† Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.
## Models: AT/UT/USS 428-2K48 to 428-4R48

### Four-Cell Cooling Towers

### Model No. | Nominal Tonnage | Weights (LBS) | Fan Motor (HP) | Air Flow (CFM) | Dimensions
|-------------|----------------|--------------|---------------|----------------|-------------
| AT 428-2K48 | 2,231 | 66,560 | 129,960 | 10,600 | 420 | 595,300 | 17' 5-5/8" | 9' 2-1/4" | 11' 3-7/8" |
| AT 428-2L48 | 2,482 | 66,760 | 130,160 | 10,650 | 425 | 639,000 | 17' 5-5/8" | 9' 2-1/4" | 11' 3-7/8" |
| AT 428-2M48 | 2,626 | 66,840 | 130,240 | 10,670 | 430 | 676,600 | 17' 5-5/8" | 9' 2-1/4" | 11' 3-7/8" |
| AT 428-2N48 | 2,846 | 67,440 | 130,840 | 10,820 | 440 | 798,500 | 17' 5-5/8" | 9' 2-1/4" | 11' 3-7/8" |
| AT 428-2O48 | 3,067 | 68,840 | 132,240 | 11,000 | 450 | 852,600 | 17' 5-5/8" | 9' 2-1/4" | 11' 3-7/8" |
| AT 428-3K48 | 2,585 | 70,720 | 134,120 | 11,600 | 420 | 586,200 | 18' 5-5/8" | 10' 2-1/4" | 12' 3-7/8" |
| AT 428-3L48 | 2,837 | 70,920 | 134,320 | 11,690 | 425 | 629,300 | 18' 5-5/8" | 10' 2-1/4" | 12' 3-7/8" |
| AT 428-3M48 | 2,984 | 71,000 | 134,400 | 11,700 | 430 | 667,200 | 18' 5-5/8" | 10' 2-1/4" | 12' 3-7/8" |
| AT 428-3N48 | 3,283 | 71,600 | 135,000 | 11,860 | 440 | 730,800 | 18' 5-5/8" | 10' 2-1/4" | 12' 3-7/8" |
| AT 428-3O48 | 3,509 | 73,000 | 136,400 | 12,210 | 450 | 784,200 | 18' 5-5/8" | 10' 2-1/4" | 12' 3-7/8" |
| AT 428-3P48 | 3,728 | 73,680 | 137,080 | 12,380 | 460 | 830,200 | 18' 5-5/8" | 10' 2-1/4" | 12' 3-7/8" |
| AT 428-4K48 | 2,858 | 74,880 | 138,280 | 12,680 | 420 | 575,800 | 19' 5-5/8" | 11' 2-1/4" | 13' 3-7/8" |
| AT 428-4L48 | 3,093 | 75,080 | 138,480 | 12,730 | 425 | 618,100 | 19' 5-5/8" | 11' 2-1/4" | 13' 3-7/8" |
| AT 428-4M48 | 3,237 | 75,160 | 138,560 | 12,750 | 430 | 655,300 | 19' 5-5/8" | 11' 2-1/4" | 13' 3-7/8" |
| AT 428-4N48 | 3,524 | 75,760 | 139,160 | 12,900 | 440 | 718,100 | 19' 5-5/8" | 11' 2-1/4" | 13' 3-7/8" |
| AT 428-4O48 | 3,714 | 77,160 | 140,560 | 13,250 | 450 | 771,300 | 19' 5-5/8" | 11' 2-1/4" | 13' 3-7/8" |
| AT 428-4P48 | 3,933 | 77,840 | 141,240 | 13,420 | 460 | 816,800 | 19' 5-5/8" | 11' 2-1/4" | 13' 3-7/8" |
| AT 428-4Q48 | 4,229 | 78,800 | 142,200 | 13,660 | 475 | 875,700 | 19' 5-5/8" | 11' 2-1/4" | 13' 3-7/8" |
| AT 428-4R48 | 4,475 | 80,560 | 143,960 | 14,100 | 4100 | 960,000 | 19' 5-5/8" | 11' 2-1/4" | 13' 3-7/8" |
| SLSF Addition | 5,000 | 5,000 | 1,250 | 1" 1-1/2" | 11' 3-7/8" |

**Note:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPOCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

Outlet connection extends beyond bottom flange. Heaviest Section is upper section.
**Models: AT/UT/USS 114-5K26 to 114-5O26**

One-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
</tr>
<tr>
<td>AT 114-5K26</td>
<td>1,003</td>
<td>24,640</td>
<td>41,470</td>
<td>17,660</td>
<td>20</td>
</tr>
<tr>
<td>AT 114-5L26</td>
<td>1,078</td>
<td>24,700</td>
<td>41,530</td>
<td>17,720</td>
<td>25</td>
</tr>
<tr>
<td>AT 114-5M26</td>
<td>1,142</td>
<td>24,800</td>
<td>41,630</td>
<td>17,820</td>
<td>30</td>
</tr>
<tr>
<td>AT 114-5N26</td>
<td>1,247</td>
<td>25,120</td>
<td>41,950</td>
<td>18,140</td>
<td>40</td>
</tr>
<tr>
<td>AT 114-5O26</td>
<td>1,332</td>
<td>25,140</td>
<td>41,970</td>
<td>18,160</td>
<td>50</td>
</tr>
<tr>
<td>SLSF Addition</td>
<td>2,400</td>
<td>2,400</td>
<td>1,200</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

† Height includes fan guard which ships factory mounted.

Outlet connection extends beyond bottom flange.
Heaviest section is upper section.
Models: AT/UT/USS 228-5K26 to 228-5O26
Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
</tr>
<tr>
<td>AT 228-5K26</td>
<td>1,963</td>
<td>48,560</td>
<td>82,220</td>
<td>17,660</td>
<td>4[20]</td>
</tr>
<tr>
<td>AT 228-5L26</td>
<td>2,111</td>
<td>48,680</td>
<td>82,340</td>
<td>17,720</td>
<td>4[25]</td>
</tr>
<tr>
<td>AT 228-5M26</td>
<td>2,236</td>
<td>48,880</td>
<td>82,540</td>
<td>17,820</td>
<td>4[30]</td>
</tr>
<tr>
<td>AT 228-5N26</td>
<td>2,443</td>
<td>49,520</td>
<td>83,180</td>
<td>18,140</td>
<td>4[40]</td>
</tr>
<tr>
<td>AT 228-5O26</td>
<td>2,613</td>
<td>49,560</td>
<td>83,220</td>
<td>18,160</td>
<td>4[50]</td>
</tr>
<tr>
<td>SLSF Addition</td>
<td>4,800</td>
<td>4,800</td>
<td>8,600</td>
<td>1,200</td>
<td>1[3-1/2&quot;]</td>
</tr>
</tbody>
</table>

**NOTE:**
(1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
(4) Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
(5) This box size is available in a dual fan/cell configuration.

获得更多详情：
- Outlet connection extends beyond bottom flange.
- Heaviest section is upper section.
- Height includes fan guard which ships factory mounted.

**Weights:**
- Fan: 3.5 HP
- Motor: 1.5 HP
- Air Flow: 90,000 CFM

**Dimensions:**
- H: 24' 3-1/2"
- T: 12' 1/8"
- P: 16' 3-3/4"
## Models: AT/UT/USS 214-5K52 to 214-5O52
### Two-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H²</td>
</tr>
<tr>
<td>AT 214-5K52</td>
<td>1,971</td>
<td>48,840</td>
<td>82,500</td>
<td>17,660</td>
<td>393,500</td>
</tr>
<tr>
<td>AT 214-5L52</td>
<td>2,119</td>
<td>48,960</td>
<td>82,620</td>
<td>17,720</td>
<td>422,100</td>
</tr>
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<td>446,800</td>
</tr>
<tr>
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<td>49,800</td>
<td>83,460</td>
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<td>488,700</td>
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<td>83,500</td>
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<td>523,700</td>
</tr>
<tr>
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<td>4,800</td>
<td>4,800</td>
<td>1,200</td>
<td>1' 3-1/2&quot;</td>
<td>1' 3-1/2&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.
† Heaviest section is upper section.
### Models: AT/UT/USS 314-5K78 to 314-5O78

Three-Cell Cooling Towers

![Diagram of three-cell cooling tower](image)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGTHS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
</tr>
<tr>
<td>AT 314-5K78</td>
<td>2,936</td>
<td>73,050</td>
<td>123,540</td>
<td>17,660</td>
<td>(6) 20</td>
</tr>
<tr>
<td>AT 314-5L78</td>
<td>3,157</td>
<td>73,230</td>
<td>123,720</td>
<td>17,720</td>
<td>(6) 25</td>
</tr>
<tr>
<td>AT 314-5M78</td>
<td>3,344</td>
<td>73,530</td>
<td>124,020</td>
<td>17,820</td>
<td>(6) 30</td>
</tr>
<tr>
<td>AT 314-5N78</td>
<td>3,655</td>
<td>74,490</td>
<td>124,980</td>
<td>18,140</td>
<td>(6) 40</td>
</tr>
<tr>
<td>AT 314-5O78</td>
<td>3,908</td>
<td>74,550</td>
<td>125,040</td>
<td>18,160</td>
<td>(6) 50</td>
</tr>
<tr>
<td>SLSF Addition</td>
<td>3,600</td>
<td>3,600</td>
<td>1,200</td>
<td>1' 3-1/2&quot;</td>
<td>1' 3-1/2&quot;</td>
</tr>
</tbody>
</table>

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**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.
6. Outlet connection extends beyond bottom flange.
7. Heaviest section is upper section.

---

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGTHS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
</tr>
<tr>
<td>AT 314-5K78</td>
<td>2,936</td>
<td>73,050</td>
<td>123,540</td>
<td>17,660</td>
<td>(6) 20</td>
</tr>
<tr>
<td>AT 314-5L78</td>
<td>3,157</td>
<td>73,230</td>
<td>123,720</td>
<td>17,720</td>
<td>(6) 25</td>
</tr>
<tr>
<td>AT 314-5M78</td>
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<td>73,530</td>
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<td>17,820</td>
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</tr>
<tr>
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<td>74,490</td>
<td>124,980</td>
<td>18,140</td>
<td>(6) 40</td>
</tr>
<tr>
<td>AT 314-5O78</td>
<td>3,908</td>
<td>74,550</td>
<td>125,040</td>
<td>18,160</td>
<td>(6) 50</td>
</tr>
<tr>
<td>SLSF Addition</td>
<td>3,600</td>
<td>3,600</td>
<td>1,200</td>
<td>1' 3-1/2&quot;</td>
<td>1' 3-1/2&quot;</td>
</tr>
</tbody>
</table>

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**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.
6. Outlet connection extends beyond bottom flange.
7. Heaviest section is upper section.

---

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGTHS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
</tr>
<tr>
<td>AT 314-5K78</td>
<td>2,936</td>
<td>73,050</td>
<td>123,540</td>
<td>17,660</td>
<td>(6) 20</td>
</tr>
<tr>
<td>AT 314-5L78</td>
<td>3,157</td>
<td>73,230</td>
<td>123,720</td>
<td>17,720</td>
<td>(6) 25</td>
</tr>
<tr>
<td>AT 314-5M78</td>
<td>3,344</td>
<td>73,530</td>
<td>124,020</td>
<td>17,820</td>
<td>(6) 30</td>
</tr>
<tr>
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<td>74,490</td>
<td>124,980</td>
<td>18,140</td>
<td>(6) 40</td>
</tr>
<tr>
<td>AT 314-5O78</td>
<td>3,908</td>
<td>74,550</td>
<td>125,040</td>
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<td>(6) 50</td>
</tr>
<tr>
<td>SLSF Addition</td>
<td>3,600</td>
<td>3,600</td>
<td>1,200</td>
<td>1' 3-1/2&quot;</td>
<td>1' 3-1/2&quot;</td>
</tr>
</tbody>
</table>

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**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.
6. Outlet connection extends beyond bottom flange.
7. Heaviest section is upper section.
## Models: AT/UT/USS 428-5K52 to 428-5O52

Four-Cell Cooling Towers

### Table

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGTHS (LBS)</th>
<th>Fan Motor [HP]</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H†</td>
</tr>
<tr>
<td>AT 428-5S52</td>
<td>3,857</td>
<td>97,200</td>
<td>164,520</td>
<td>17,660</td>
<td>22' 3-1/2&quot;</td>
</tr>
<tr>
<td>AT 428-5L52</td>
<td>4,148</td>
<td>97,440</td>
<td>164,760</td>
<td>17,720</td>
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<tr>
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<td>4,395</td>
<td>97,840</td>
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<td>166,440</td>
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<td>99,200</td>
<td>166,520</td>
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<td>22' 3-1/2&quot;</td>
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<td>9,600</td>
<td>9,600</td>
<td>1,200</td>
<td>T 3-1/2&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.
5. This box size is available in a dual fan/cell configuration.

Outlet connection extends beyond bottom flange.

Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.
### Models: AT/UT/USS 456-5K26 to 456-5O26

#### Four-Cell Cooling Towers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Nominal Tonnage</th>
<th>WEIGHTS (LBS)</th>
<th>Fan Motor (HP)</th>
<th>Air Flow (CFM)</th>
<th>DIMENSIONS</th>
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<tbody>
<tr>
<td></td>
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<td>Shipping</td>
<td>Operating</td>
<td>Heaviest Section†</td>
<td>H †</td>
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<td>98,560</td>
<td>165,880</td>
<td>17,660</td>
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</table>

**Note:**
1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

† Height includes fan guard which ships factory mounted.

Outlet connection extends beyond bottom flange.

† Heaviest section is upper section.

---

**Outlet connection extends beyond bottom flange.**
The following chart provides the maximum drain down volume allowable per AT/UT/USS model number. Use this chart when sizing indoor or outdoor remote sumps tanks. Remote sump applications are commonly used whenever a cooling tower is idle during sub-freezing weather to protect the water in the basin from freezing or for large multi-tower industrial applications. Either application allows the circulating water to gravity drain into a remote sump tank indoors or a large, outdoor concrete basin located underneath the cooling tower.

The water volume provided is the cooling tower portion of the remote sump tank only. The tank should allow for drain down water from external piping and pump suction coverage.

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<th>Maximum Drain Down Volume (gal.)</th>
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Electric immersion heaters can be added to the basin of your Advanced Technology series cooling tower. They are sized to maintain a +40° F (4.5° C) pan water temperature with the fans and system pumps off. A thermostat and low-water protection device cycle the heater on when required and prevent the heater elements from energizing unless they are completely submerged. All components are protected by rugged, weatherproof enclosures for outdoor use.

### AT/UT/USS Heater Sizes *

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<th>Box Size</th>
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</tbody>
</table>

Note: Heater control packages that include contactor, transformer or disconnects are also available; speak to your local EVAPCO representative to learn more about these options.

### AT/UT/USS Heater Sizes *

<table>
<thead>
<tr>
<th>Box Size</th>
<th>0°F kW</th>
<th>-20°F kW</th>
<th>-40°F kW</th>
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</table>

* Electric heater selection based on ambient air temperature shown.
** Consult factory.
Optional Equipment: **Low Sound Solutions**

**Low Sound Fan – 4-7 dB(A) Reduction**

Ideal for sound-sensitive applications, EVAPCO’s low sound fan features a wide chord blade and a unique soft-connect blade-to-hub design that is compatible with variable speed drives. Since the blades are not rigidly connected to the fan hub, no vertical vibration forces are transmitted to the unit structure. This reduces sound pressure levels by 4 to 7 dB(A), depending on specific unit selection and measurement location.

The fan is a high efficiency axial propeller and is CTI certified on Advanced Technology series cooling towers. It has a thermal performance derate of 3.5%. Consult your EVAPCO representative for actual thermal performance. Note: Available on AT and USS models only.

### Additional Height & Operating Weight Additions

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<th>Operating Weight Addition for Low Sound Fan (lbs.)</th>
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2-CELL

3-CELL

4-CELL
**Notes:**
Models Listed Above.
1. These are suggested arrangements for preliminary layout purposes. Consult your EVAPCO representative for factory certified steel support drawings.
2. The recommended support for the AT/UT/USS Cooling Tower is structural I-beams located under the outer flanges and running the entire length of the unit. The unit should be elevated to allow access underneath the unit and to the roof below. Mounting holes, 3/4” in diameter, are located in the bottom flanges of the pan to provide for bolting to the structural steel.
3. Beams should be sized in accordance with accepted structural practices. Maximum deflection of beam under unit to be 1/360 of the unit length, not to exceed 1/2”.
4. For these models where two support beams are required, deflection may be calculated by using 55% of the operating weight as a uniform load on each beam.
5. Beams should be level before setting the unit in place. Do not level the unit by shimming between it and the I-beams.
6. Support beams and Anchor bolts are to be furnished by others.
7. Dimensions, weights and data are subject to change without notice. Refer to the factory certified drawings for exact dimensions.
8. For alternate layout arrangements please consult the factory. NOTE: OPTIONAL BOTTOM CONNECTIONS WILL REQUIRE THE UNIT TO BE ELEVATED TO ALLOW FOR PIPING.

**Box Sizes 4’ x 4’ through 8.5’ x 18’**
Two I-Beams Required (By Others)

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<tr>
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**Box Sizes 8.5’ x 21’ through 14’ x 78’**
Two I-Beams Required (By Others)

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<tr>
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<tr>
<td>8.5 x 36</td>
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</tr>
<tr>
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<td>10 x 36</td>
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</tr>
<tr>
<td>12 x 36</td>
<td>11’ 10”</td>
</tr>
<tr>
<td>12 x 42</td>
<td>11’ 10”</td>
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<tr>
<td>12 x 54</td>
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<td>13’ 11-1/4”</td>
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<tr>
<td>14 x 78</td>
<td>13’ 11-1/4”</td>
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Structural Steel Support
Models AT/UT/USS 212-2G9 to 428-5O52

Suggested Three I-Beam Arrangement

Box Sizes 12’ x 7.5’ through 28’ x 52’
Three I-Beams Required [By Others]

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<td>15 x 7.5</td>
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<td>28’ 3-5/8&quot;</td>
</tr>
<tr>
<td>28 x 52</td>
<td>28’ 3-5/8&quot;</td>
</tr>
</tbody>
</table>

Notes:
Models Listed Above.
1. These are suggested arrangements for preliminary layout purposes. Consult your EVAPCO representative for factory certified steel support drawings.
2. The recommended support for the AT/UT/USS Cooling Tower is structural I-beams located under the outer flanges and running the entire length of the unit. The unit should be elevated to allow access underneath the unit and to the roof below. Mounting holes, 3/4" in diameter are located in the bottom flanges of the pan to provide for bolting to the structural steel.
3. Beams should be sized in accordance with accepted structural practices. Maximum deflection of beam under unit to be 1/360 of the unit length, not to exceed 1/2".
4. For these models only where three support beams are required, deflection may be calculated using 56% of the operating weight on the CENTER BEAM and 22% on each OUTBOARD beam.
5. Beams should be level before setting the unit in place. Do not level the unit by shimming between it and the I-beams.
6. Support beams and Anchor bolts are to be furnished by others.
7. Dimensions, weights and data are subject to change without notice. Refer to the factory certified drawings for exact dimensions.
8. For alternate layout arrangements please consult the factory. NOTE: OPTIONAL BOTTOM CONNECTIONS WILL REQUIRE THE UNIT TO BE ELEVATED TO ALLOW FOR PIPING.
Models AT/UT/USS 342-5K26 to 342-5O26
Suggested Four I-Beam Arrangement

Notes:
Models Listed Above.
1. These are suggested arrangements for preliminary layout purposes. Consult your EVAPCO representative for factory certified steel support drawings.
2. The recommended support for the AT/UT/USS Cooling Tower is structural I-beams located under the outer flanges and running the entire length of the unit. The unit should be elevated to allow access underneath the unit and to the roof below. Mounting holes, 3/4” in diameter are located in the bottom flanges of the pan to provide for bolting to the structural steel.
3. Beams should be sized in accordance with accepted structural practices. Maximum deflection of beam under unit to be 1/360 of the unit length, not to exceed 1/2”.
4. For these models only where four or five support beams are required, deflection may be calculated using 56% of the operating weight on the CENTER BEAMS and 22% on each OUTBOARD beam.
5. Beams should be level before setting the unit in place. Do not level the unit by shimming between it and the I-beams.
6. Support beams and Anchor bolts are to be furnished by others.
7. Dimensions, weights and data are subject to change without notice. Refer to the factory certified drawings for exact dimensions.
8. For alternate layout arrangements please consult the factory. NOTE: OPTIONAL BOTTOM CONNECTIONS WILL REQUIRE THE UNIT TO BE ELEVATED TO ALLOW FOR PIPING.

Models AT/UT/USS 456-5K26 to 456-5O26
Suggested Five I-Beam Arrangement

Box Size 42’ x 26’ through 56’ x 26’
I-Beams Required [By Others]

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<tr>
<td></td>
<td>56 x 26</td>
<td>57’ 3/8”</td>
<td>25’ 8-7/8”</td>
</tr>
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</table>
**Design**
EVAPCO Cooling towers are of heavy-duty construction and designed for long trouble-free operation. Proper equipment selection, installation and maintenance are necessary to ensure full unit performance while maximizing the equipment’s service life. Some of the major considerations in the application of a tower are presented below. For additional information, please contact the factory.

**Piping**
Cooling tower piping should be designed and installed in accordance with generally accepted engineering practices. All piping should be anchored by properly designed hangers and supports with allowance made for possible expansion and contraction. No external loads should be placed upon cooling tower connections, nor should any of the piping supports be anchored to the unit framework.

The piping connection locations shown on the drawings included in this catalog and on the website are standard locations that can be changed. If the piping connection locations shown do not meet the needs of a particular project, contact the factory to determine a viable solution.

**Air Circulation**
In reviewing the system design and unit location, it is important that enough fresh air is provided to enable proper unit performance. The best location is on an unobstructed rooftop or at ground level away from walls and other barriers. Care must be taken when locating towers in wells or enclosures or next to high walls. The potential for recirculation of the hot, moist discharge air back into the fan intake exists. Recirculation raises the wetbulb temperature of the entering air, causing the leaving water temperature to rise above the design conditions. For these cases, the overall unit height should be raised so it is even with the adjacent wall, reducing the chance of recirculation. This can be done by raising the entire unit or adding a discharge hood. For additional information, see the EVAPCO Equipment Layout Manual. Engineering Assistance is also available from the factory to identify potential recirculation problems and recommend solutions, such as re-orienting multi-cell units.

**Design Flexibility and Assistance**
The large number of EVAPCO AT Cooling towers makes it easy to find a model to meet your design and layout needs. If there is an application for which the standard catalog product line does not work, EVAPCO will make a cooling tower that will fit your requirement. Consult your local EVAPCO Representative or the factory for assistance with Applications, Layout, Accessories or other design needs.

**Water Treatment**
Proper water treatment is an essential part of the maintenance required for all evaporative cooling equipment. A well designed and consistently implemented water treatment program will help to ensure efficient system operation while maximizing the equipment’s service life. A qualified water treatment company should design a site specific water treatment protocol based on equipment [including all metallurgies in the cooling system], location, makeup water quality and usage.

Without proper water treatment, the equipment can be susceptible to scale build-up on its heat exchange surfaces, biological growth in the recirculating water and corrosion of its components. Your site specific water treatment protocol should include procedures for routine operation, startup after a shutdown period, and system lay-up, if applicable.

**Passivation Period**
If the equipment includes any galvanized components, the initial commissioning and passivation period is a critical time for maximizing the service life of galvanized equipment. Evapco recommends that a site specific water treatment protocol which includes a passivation procedure that details the desired water chemistry and visual inspections during the first six to twelve weeks of operation be used. During this passivation period, recirculating water pH should be maintained above 7.0 and below 8.0 at all times.

**Recirculating Water System**
The cooling in a tower is accomplished by the evaporation of a portion of the recirculated spray water. As this water evaporates, it leaves behind mineral content and impurities. Therefore, it is important to bleed-off an amount of water proportional to that which is evaporated to prevent the buildup of impurities. If this is not done, the mineral content and/or the corrosive nature of the water will continue to increase. This can ultimately result in heavy scaling or a corrosive condition.

**Bleed-off**
Evaporative cooling equipment requires a bleed or blow-down line to remove concentrated water from the system. The mineral concentration is monitored by measuring the conductivity of the water. Evapco recommends an automated conductivity controller to maximize the water efficiency of your system. Based on recommendations from your water treatment supplier, the conductivity controller should open and close a bleed valve to maintain the conductivity of the recirculating water.

**Control of Biological Contaminants**
Evaporative cooling equipment should be inspected regularly to ensure good microbiological control. Inspections should include both monitoring of microbial populations via culturing techniques and visual inspections for evidence of biofouling. Poor microbiological control can result in loss of heat transfer efficiency, increase corrosion potential, and increase the risk of pathogens such as those that can cause risk to health. If excessive microbiological contamination is detected, a more aggressive mechanical cleaning and/or water treatment program should be undertaken.
PART 1 - GENERAL

1.1 RELATED DOCUMENTS
A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY
A. This Section includes factory assembled and tested, open circuit mechanical induced draft vertical discharge cooling tower.

1.3 SUBMITTALS
A. Product Data: For each type of product indicated. Include rated capacities, pressure drop, performance curves with selected points indicated, furnished specialties, and accessories.
B. Shop Drawings: Complete set of manufacturer’s prints of equipment assemblies, control panels, sections and elevations, and unit isolation. Include the following:
   1. Assembled unit dimensions.
   2. Weight and load distribution.
   3. Required clearances for maintenance and operation.
   4. Sizes and locations of piping and wiring connections.
   5. Wiring Diagrams: For power, signal, and control wiring. Differentiate between manufacturer installed and field installed wiring.
C. Operation and Maintenance Data: Each unit to include operation and maintenance manual.

1.4 QUALITY ASSURANCE
A. Verification of Performance:
   1. The thermal performance shall be certified by the Cooling Technology Institute in accordance with CTI Certification Standard STD-201. Lacking such certification, a field acceptance test shall be conducted within the warranty period in accordance with CTI Acceptance Test Code ATC-105, by a Certified CTI Thermal Testing Agency. The Evaporative Heat Rejection Equipment shall comply with the energy efficiency requirements of ASHRAE Standard 90.1.
   2. Unit Sound Performance ratings shall be tested according to CTI ATC-128 standard. Sound ratings shall not exceed specified ratings.

PART 2 - PRODUCTS

2.1 MANUFACTURERS
A. Manufacturers: Subject to compliance with requirements, provide cooling towers manufactured by one of the following:
   1. EVAPCO Model AT __________
   2. Approved Substitute

2.2 THERMAL PERFORMANCE
A. Each unit shall be capable to cool __________ GPM of water entering at ________ °F leaving at ________ °F at a design wet bulb of ________ °F.

2.3 IBC COMPLIANCE
A. The unit structure shall be designed, analyzed, and constructed in accordance with the latest edition of International Building Code (IBC) for: IP = 1.0, SDS = 1.34; z/h = 0, P = 119 psf.

2.4 COMPONENTS
A. Description: Factory assembled and tested, induced draft counter flow cooling tower complete with fan, fill, louvers, accessories and rigging supports
B. Materials of Construction
   1. All cold water basin components including vertical supports, air inlet louver frames and panels up to rigging seam shall be constructed of heavy gauge mill hot-dip galvanized steel.
   2. Upper Casing, channels and angle supports shall be constructed of heavy gauge mill hot-dip galvanized steel. Fan cowl and guard shall be constructed of galvanized steel. All galvanized steel shall be coated with a minimum of 2.35 ounces of zinc per square foot of area (G-235 Hot-Dip Galvanized Steel designation). During fabrication, all galvanized steel panel edges shall be coated with a 95% pure zinc-rich compound.
   C. Fan(s):
      1. Fan(s) shall be high efficiency axial propeller type with aluminum wide chord blade construction. Each fan shall be dynamically balanced and installed in a closely fitted cowl with venturi air inlet for maximum fan efficiency.
   D. Drift Eliminators
      1. Drift eliminators shall be constructed entirely of Polyvinyl Chloride (PVC) in easily handled sections. Design shall incorporate three changes in air direction and limit the water carryover to a maximum of 0.0001% of the recirculating water rate.

2. Fan Motor/Drive System: Warranty Period shall be Five (5) years from date of unit shipment from Factory [fan motor(s), fan(s), bearings, mechanical support, sheaves, bushings and belt(s)].
E. Water Distribution System
1. Spray nozzles shall be precision molded ABS, large orifice nozzles utilizing fluidic technology for superior water distribution over the fill media. Nozzles shall be designed to minimize water distribution system maintenance. Spray header and branches shall be Schedule 40 Polyvinyl Chloride (PVC) for corrosion resistance with a steel connection to attach external piping.

F. Heat Transfer Media
1. Fill media shall be constructed of Polyvinyl Chloride (PVC) of cross-fluted design and suitable for inlet water temperatures up to 130°F. The bonded block fill shall be bottom supported and suitable as an internal working platform. Fill shall be self-extinguishing, have a flame spread of 5 under A.S.T.M. designation E-84-B1a, and shall be resistant to rot, decay and biological attack.

G. Air Inlet Louvers
1. The air inlet louver screens shall be constructed from UV inhibited polyvinyl chloride (PVC) and incorporate a framed interlocking design that allows for easy removal of louver screens for access to the entire basin area for maintenance. The louver screens shall have a minimum of two changes in air direction and shall be of a non-planar design to prevent splash-out and block direct sunlight & debris from entering the basin.

H. Make up Float Valve Assembly
1. Make up float assembly shall be a mechanical brass valve with an adjustable plastic float.

I. Pan Strainer
1. Pan Strainer(s) shall be all Type 304 Stainless Steel construction with large area removable perforated screens.

2.5 MOTORS AND DRIVES
A. General requirements for motors are specified in Division 23 Section “Motors”

B. Fan Motor
1. Fan motor(s) shall be totally enclosed, ball bearing type electric motor(s) suitable for moist air service. Motor(s) are Premium Efficient, Class F insulated, 1.15 service factor design. Inverter rated per NEMA MG1 Part 31.4.4.2 and suitable for variable torque applications and constant torque speed range with properly sized and adjusted variable frequency drives.

2. Fan motor(s) shall include strip-type space heaters with separate leads brought to the motor conduit box.

C. Fan Drive
1. The fan drive shall be multigroove, solid back V-belt type with QD tapered bushings designed for 150% of the motor nameplate power. The belt material shall be neoprene reinforced with polyester cord and specifically designed for evaporative equipment service. Fan sheave shall be aluminum alloy construction. Belt adjustment shall be accomplished from the exterior of the unit.

D. Fan Shaft
1. Fan shaft shall be solid, ground and polished steel. Exposed surface shall be coated with rust preventative.

E. Fan Shaft Bearings
1. Fan Shaft Bearings shall be heavy-duty, self-aligning ball type bearings with extended lubrication lines to grease fittings located on access door frame. Bearings shall be designed for a minimum L-10 life of 100,000 hours.

2.6 MAINTENANCE ACCESS
A. Fan Section
1. Access door shall be hinged and located in the fan section for fan drive and water distribution system access.

B. Basin Section
1. Framed removable louver panels shall be on all four (4) sides of the unit for pan and sump access.

C. Internal Working Platform
1. Internal working platform shall provide easy access to the fans, belts, motors, sheaves, bearings, all mechanical equipment and complete water distribution system. The fill shall be an acceptable means of accessing these components.

D. Louver Access Door
1. Hinged access door in louver shall be provided.
OUR PRODUCTS ARE MANUFACTURED WORLDWIDE.