Cooling Towers

Closed Circuit – EWK-I

- The equipment consists of an open circuit cooling tower (model EWK) combined with a plate heat exchanger in the secondary circuit.
- Compact casing made of fibreglass-reinforced polyester.
- Materials highly resistant to all aggressive conditions, as well as to extreme temperatures.
- High efficiency Heat Exchanger with plates in Stainless Steel AISI 316
- Air intake Louvers, made of Polypropylene
- Y Strainer installed in the secondary circuit to reduce possible contamination of the heat exchanger.
- Drift Eliminator and fill packing in Polypropylene with anti-legionella treatment (SANIPACKING®)
- Additional equipment:
  - Exhaust silencer (to reduce sound from the ventilation unit)
  - Access ladder & Hand rail to the fan motor
  - Atenuators of noise from the drops in the basin
  - Vibration switch for detection of possible faults in the ventilation equipment
  - Winter pack (Thermostat & Immersion heater) to protect from low temperat
  - Electric motor frequency converters
  - Sensors for the level of water (max. y min.) in the basin
Our advantages | Your benefits
---|---
• Solid, corrosion-free FRP-casings | • Extreme long-lifespan
• Use of high quality components such as motors, fans, water distribution and fills | • Resistant to all aggressive conditions
• Use of energy efficient motors and an aerodynamically air outlet | • Reliable operation of the cooling tower
• Doors and windows to access the internals | • Allows high process stability
• Laminar and dripping fillings anti-legionella SANIPACKING® | • Low energy consumption
• Pre-assembled in our factory. Finishings at site | • Low maintenance costs
• Assembly takes less time

<table>
<thead>
<tr>
<th>Model</th>
<th>*Dissip. kw</th>
<th>Empty weight kg</th>
<th>Service weight kg</th>
<th>Pump Power kw</th>
<th>Fan Power kw</th>
<th>Long mm</th>
<th>Width mm</th>
<th>High mm</th>
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<tbody>
<tr>
<td>EWK-I 144</td>
<td>185</td>
<td>635</td>
<td>945</td>
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<td>2.2</td>
<td>2046</td>
<td>1559</td>
<td>2825</td>
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<td>813</td>
<td>1382</td>
<td>5.5</td>
<td>3.0</td>
<td>2319</td>
<td>1745</td>
<td>3100</td>
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<td>4836</td>
<td>4805</td>
</tr>
</tbody>
</table>

* Heat rejection at the following conditions: Tin: 35,0 °C, Tout: 30,0 °C, Twb: 24,0 °C