STATE-OF-THE-ART DIRECT-DRIVE SOLUTION FOR EVAPORATIVE COOLING EQUIPMENT

“Maintenance is a major concern—who wants to go up on top of a 25-foot tower to look at gears or the belt drive when something breaks? With the ENDURADRIVE® Fan System, that concern is just about eliminated, the efficiency is greater, and installation is easier.”

Dilip Parikh, P.E., Senior Project Manager at AECOM
THE ENDURADRIVE® FAN SYSTEM OFFERS THE HIGHEST RELIABILITY, LOWEST MAINTENANCE AND ENERGY COSTS GIVING YOU TOTAL PEACE OF MIND.

UNMATCHED PEACE OF MIND
- No gears or transmission parts to fail
- No gear oil testing, inspection, or changes
- Industry leading drive-train warranty

HIGHEST RELIABILITY
- Same technology as used in oil rigs, where uptime is essential
- Selected 9 out of 10 times versus competing solutions with more than 500 installed units
- Over 3 million run hours from installed equipment

LOWEST MAINTENANCE COSTS
- Lack of gears, sheaves, and belts results in almost maintenance-free operation
- No more expensive, messy and environmentally harmful oil changes
- No need to stock spare gear boxes, belts or other parts in case of unplanned downtime

LOWEST ENERGY COSTS
- 5% to 10% more efficient than belt or gear-drives resulting from:
  - No gear box, no transmission losses
  - State-of-the-art permanent-magnet technology
**UNMATCHED PEACE OF MIND**

**ENDURADRIVE® FAN SYSTEM VS GEAR-DRIVE AND BELT-DRIVE FAN SYSTEMS**

**TOTAL COST OF OWNERSHIP COMPARISON**

<table>
<thead>
<tr>
<th>System</th>
<th>Motor Warranty</th>
<th>Downtime Hours</th>
<th>Energy Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENDURADRIVE® Fan System</td>
<td>7-year</td>
<td>500 hours</td>
<td>$105,070</td>
</tr>
<tr>
<td>Belt-Drive</td>
<td>5-year</td>
<td>500 hours</td>
<td>$142,700</td>
</tr>
<tr>
<td>Gear-Drive</td>
<td>5-year</td>
<td>500 hours</td>
<td>$161,875</td>
</tr>
</tbody>
</table>

**ENERGY COSTS**

- **ENDURADRIVE® Fan System**: $101,975
- **Belt-Drive**: $110,880
- **Gear-Drive**: $110,880

**MAINTENANCE COSTS**

- **ENDURADRIVE® Fan System**: $3,095
- **Belt-Drive**: $31,822
- **Gear-Drive**: $50,995

**ADDITIONAL BENEFITS COMPARISON**

<table>
<thead>
<tr>
<th>System</th>
<th>Planned Maintenance Hours</th>
<th>Motor Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENDURADRIVE® Fan System</td>
<td>24 hours</td>
<td>7-year</td>
</tr>
<tr>
<td>Belt-Drive</td>
<td>242 hours</td>
<td>5-year</td>
</tr>
<tr>
<td>Gear-Drive</td>
<td>368 hours</td>
<td>5-year</td>
</tr>
</tbody>
</table>

**COMPETITORS’**

<table>
<thead>
<tr>
<th>System</th>
<th>Planned Maintenance Hours</th>
<th>Motor Warranty</th>
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</tr>
</tbody>
</table>

(1) Assumes over 23 years average, 75HP motor, 2500 equivalent full load hours per year, $0.13/kWh energy cost.

(2) Assumes Belt-drive and Gear-drive efficiencies to be equal.

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THE BAC DIFFERENCE

Expert Support  Experienced Reps  Exceptional Value  Peace of Mind

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