

ACT Ecolabel

Thermo Fisher Scientific

**Thermo Scientific™ TDE Series
-40°C Ultra-Low Freezers, 400-
Box Capacity, 208-230V, 60Hz**

Freezers/ULTs (-50C to -80C)
SKU: TDE40040LD
Asheville, NC, United States



**Environmental
Performance Factor**

69.5

Certified November 2025

Environmental Performance

Product

| | | |
|----------------------------|----------------------|---|
| Recycled/Renewable Content | 40% | ■ |
| Chemicals of Concern | No | ■ |
| Electricity Consumed/Day | 6.8 kWh | ☑ |
| Water Consumed/Day | N/A | ☑ |
| Refrigerant GWP | 3 | ■ |
| Supported Lifetime | 7 years | ■ |
| Recyclable Materials* | 50% | ■ |
| Circularity Support | Material Information | ■ |

Packaging

| | | |
|----------------------------|---------|---|
| Recycled/Renewable Content | 10% | ■ |
| Shipping Method | Ambient | ■ |
| Recyclable Materials* | 20% | ■ |

Product Carbon Reporting

| | | |
|----------------------------|--------------|---|
| Reporting Framework | PACT | ☑ |
| Review | Not Reviewed | ■ |
| Product CO ₂ e* | 1337 kg | ☑ |

Assembling Facility

| | | |
|-----------------------|--------|---|
| Best Practices | 8.0/10 | ■ |
| Renewable Electricity | 100% | ■ |
| Renewable Energy | 66% | ■ |

Company GHG Reductions

| | | |
|----------------------|-------------|---|
| Scope 1/2/3 Tracking | Yes/Yes/Yes | ■ |
| Near-Term Target | Yes | ■ |
| Net-Zero Target | Yes | ■ |

Improvements

| | |
|---------------------------------|----------|
| Increased Renewable Electricity | |
| Net-Zero Target Commitment | |
| Near-Term Target Commitment | + 1 more |

Audit Details



Third Party Reviewer: Verico

*See Definitions

