

ACT Ecolabel

Thermo Fisher Scientific Thermo Scientific™ TDE Series -40°C Ultra-Low Freezers, 500- Box Capacity, 208-230V, 60Hz

Freezers/ULTs (-50C to -80C)
SKU: TDE50040LD
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	7.2 kWh	☑
Water Consumed/Day	N/A	☑
Refrigerant GWP	3	■
Supported Lifetime	7 years	■
Recyclable Materials*	60%	■
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*	1432 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