

		CIMC Reefer Trailer Inc. 53FT LONG REFRIGERATED TRAILER SPECIFICATION COOL GLOBE R8000B		Version Revised.: 1-31-2023
				Prep. by: Jeffery Du
				Dec 13, 2023
<u>TRAILER ITEMS</u>	<u>SPECIFICATION DESCRIPTION</u> (CIMC Spec)	<u>CUSTOMER REQUIREMENTS</u> (Deviations)	<u>CIMC COMMENTS</u>	
SALES DATA				
Quotation Number				
Customer (Dealer)	CIMC Reefer Trailer Inc.			
End Customer	Grocery Trailer			
Delivery Place	FOB Monon Factory IN(1st CKD Center)			
Trailer Name and Model	COOL GLOBE R8000B			
Model Year	2025			
Quantity	40	SM045631		
Miscellaneous Text				
GENERAL INFORMATION				
Serial Plate	U.S.Certification Plate			
Amount of Wedge	0.0"			
Other Special Features				This base spec is not applicable for TOFC operation.
Miscellaneous Text				
WEIGHT / CAPACITY / LEAKAGE				
Gross Vehicle Weight Rating	68,000 G.V.W.R.			
Payload Capacity	55,000 LBS evenly distributed payload capacity			
Tare Weight (Unit Etc Excluded)	13,821 (+/-3%)			
Internal Capacity (Cubic Feet)	3,703			
Miscellaneous Text				
DIMENSIONS				
Overall Length	53'			
Overall Width	102.36"			
Overall Height	13'6" (on 47" 5th wheel height)			
Interior Length	52.2'			
Interior Width (Liner to Liner)	97.75"			
Interior Width (Scuff to Scuff)	97.75"			
Interior Height at Front	104.5"			
Interior Height at Rear	104.5"			
Door Opening Width	93"			
Door Opening Height	95"			
Coupler Height	47.0"			
Kingpin Setting	36.0"			
Landing Gear Setting	145" from nose to LG centers (109" from Kingpin)			
Miscellaneous Text				
INSULATION				
Insulation Type	Polyurethane insulation foamed in place			
Blowing Agent	LBA			
Sidewall Thickness	2.0"			

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Roof Thickness	2.5"		
Nose Thickness	4.0"		
Rear Door Thickness	2-1/8"		
Floor Thickness	2.5"		
Side Door Thickness	None		
Miscellaneous Text			
SIDEWALLS			
Side Sheets	0.040" pre-painted white aluminum side sheets		
Side Sheets Texture	■ Corrugated		
Top And Bottom Side Rails	Heavy-duty extruded aluminum.		
Side Upright (Post)	1" aluminum "J" section posts, on 12" centers from nose to rear of Landing Gear and on 24" centers rest. (12"/24")		
Logistic Tracks / Vertical Posts	Two rows of galvanized E tracks recessed at 30" and 60" from floor to centerline.		
Doubler Plate	One alum doubler plate at rear sidewall both sides.		
Miscellaneous Text			
SIDE DOOR			
Side Door Quantity & Location	None		
Side Door Access System	None		
Miscellaneous Text			
ROOF			
Roof Skin	0.025" one-piece mill aluminum roof sheet with no ribs.		
Roof Bows	1.13" extruded aluminum J-beam on 48" centers.		
Miscellaneous Text			
NOSE			
Nose Sheet	0.026" high glossy stainless steel outer sheet		
Nose Corner Posts	1/8" extruded alum 5" radius front corner post		
Nose Corner Post Cover Sheet	■ High glossy stainless steel inserts		
Nose Uprights	(3) 1-1/2" deep steel "Z" shaped front wall post w/ (2) add'l 2" deep steel reefer unit support posts; Galvanized.		
Nose Prepare for Refrigeration Unit	Cut for Carrier or Thermo King single compartment front mount refrigeration unit; With perimeter PVC two lips for extra insulation.		
Refrigeration Unit Opening Cover	Will install temporary shipping cover if there is no refrigeration unit installed in factory		
Nose Bottom Rail	Extruded aluminum wrap over the steel apron plate of the upper coupler		
Nose Vent	None		
Vent Access System	None		
Miscellaneous Text	Prep corner radius for recessed Carrier or TK remote status light		
REAR DOOR			
Rear Door Type	Transglobal KoldLock 2" thick Roll Up Door		
Rear Door Out Skin	Aluminum extrusions painted white		
Hardwares	Standard		
Rear Safety Release	None		

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Rear Grabhandle on Door	Standard		
Door Track Protector	48" alum door track protection both sides		
Rear Strip Curtain	None		
Additional Rear Access System	None		
Miscellaneous Text			
REAR FRAME			
Rear Frame	Heavy duty stainless steel rear frame for overhead door; Rear door header wiring is protected with a cover plate with access areas; formed rear posts.		
Rear Bumper / Rear Impact Guard (RIG)	Hot dip galvanized steel with outboard bumper reinforcement, anti-skid horizontal surface & step CS, bolt-on horizontal bumper , DOT certified.		
Dock Rubber Bumpers	One pair of 3.5" rubber bumpers w/two-holes mounted on lower rear at extreme outboard of S/T/T lights. Vertical bars for extra reinforcement		
Additional Rear Access System	One stainless steel grab handle recessed corner post both sides		
Miscellaneous Text			
LININGS / SCUFF / BULKHEAD			
Sidewall Linings	Integrated wall with fused scuff (0.065" liner/0.19" scuff)		
Roof Lining	0.065" Composite liner		
Nose Lining	0.065" Composite liner		
Rear Door linings	with roll up door		
Sidewall Scuff	One row 18" total height integral fused scuff with 16"x0.19" composite scuff and 2" extruded alum at bottom		
Rear Door Wearband	None		
Floor Start Board	Extruded aluminum welded to the floor full length		
Front Barriers (Pallet Stop)	None		
Miscellaneous Text			
FLOOR			
Floor Type	1.32" STD extruded alum FLAT floor w/knurled feature		
Floor Insert at Rear	48" long extruded aluminum "I" section in center 72" of floor at rear.		
Additional Bearing Sheet	None		
Floor Sills (Stringers)	Composite		
Floor Gutters (Troughs)	<i>Front only</i>		
Floor Drains	(4)--2 front & 2 rear with Kazoo		
Subfloor (Subpan)	0.040" one-piece composite plate		
Dock Plates Over Gutter	<i>None</i>		
Miscellaneous Text			
UPPER COUPLER			
Coupler Type	4-1/4" deep full-width upper coupler		
Kingpin	AAR hardness 2" SAE Kingpin, weld in.		
Main Channels	5/16"-thick steel channel		
Grid (Kingpin) Plate	5/16" -thick steel plate, full width.		
Approach (Pick up) Plate	5/16" -thick steel plate with roll-up lip, full width.		
Conduit	One conduit in the CS of upper coupler for future fuel lines		
Miscellaneous Text			

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CROSSMEMBERS			
Crossmembers Ahead of Landing Gear	3.76" deep extruded alum tub/hat section beams on 12" centers		
Crossmembers over Landing Gear	(5) 4" deep steel I-beams on 12" centers, galvanized		
Crossmembers in Bay Area	5" deep extruded alum I-beams on 12" centers		
Crossmembers over Slide Rails	4" deep steel I-beams on 12" centers, galvanized		
Extra Crossmembers at Rear End	(3) extra typical I-beams at rear 72", galvanized		
Extra Crossmember Ahead of Slide Rails	(1) additional 5" deep extruded alum I-beam		
Slide Rails Length & Suspension Travel	216" long rails with 1-3/8" pin on 6" increment holes; 102" (66" to 168") suspension travel		
Extra URG Rail Length	None		
Tire Protector Plate	None		
Anti-Hook Plate	None		
Miscellaneous Text			
LANDING GEAR			
Landing Gear Type	Jost A421		
Footpad Type	10"x10" removeable cushion foot		
LG Mounting Style	Inboard		
Crank Location	Roadside		
Support Legs Bracing	Hot dip galvanized steel "K" channel bracing		
Skirt Plates	Hot dip galvanized steel		
Miscellaneous Text			
SUSPENSION / AXLES			
Suspension	Hendrickson HKANT40K HD air ride slide w/Surelok & Quik-Draw		
Axle Spacing/Spread	49"(Tandem Axle)		
Axle & Axle Track	As provided with suspension 5-3/4" round & 77-1/2" track		
Axle Wall Thickness	Standard		
Spindle Type	Parallel		
Brake Type	Drum		
Brake Model & Size	16-1/2" x 7"		
Brake Shoe/ Linings	Abex 3030-197 Extended Life(HXS)		
Slack Adjuster	Haldex SABA slack adjusters		
Air Brake Chambers	Haldex Goldseal 30/30 brake chamber, 2.5" standard/short strokes		
Dust Shields	None		
Tire Inflation System	Tiremaax Pro		
Miscellaneous Text			
TIRES / WHEELS			
Tires	(8) Yokohama BE109L 295/75R22.5 low profile tires		
Spare Tires	None		
Wheels Type	(8) Factory choice 8.25"x22.5" steel disc wheels hub piloted 2HH		
Miscellaneous Text			
WHEEL ENDS			

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Hub / Drum	Factory choice KIC or Webb or ConMet 10 long stud hub piloted cast steel with outboard mounted drum		
Wheel Bearings(Cones) & Races(Cups)	Stemco		
Wheel Lubrication	80W-90 oil lubrication		
Wheel Seal	Stemco Guardian HP		
Hubcaps	Stemco Sentinel		
Axle Spindle Nuts	Stemco Pro-Torq spindle nut		
Hubodometer	None		
Miscellaneous Text			
BRAKE SYSTEM			
ABS	Wabco 2S/1M		
Quick Release Valve	None		
Gladhands	Phillips non-swivel gladhands w/ screen, surface mounted on an alum extruded RS of nose		
Miscellaneous Text			
ELECTRICAL SYSTEM / LIGHTS			
Wring Harness	Phillips moisture resistant harness		
7-way Receptacle	Phillips I-Box w/o circuit breakers, split pins, Nylon box.		
Stop / Tail Lamps	(4)Truck-Lite 44 series(R) LED--2 each side on buckplate		
Rear Turn Signal Lamps	(2)Truck-Lite 44 series(R) LED--1 each side on buckplate		
Front Clearance Lamps	(2)Truck-Lite 33 series LED(Y) on front top rail; PC rated		
Rear Identification Lamps	(5) Truck-Lite 33 LED on rear header: --3 STOP/MARKER lights cluster in the middle --2 TURN/MARKER lights outside		
Intermediate Side Lamps (Turn signal)	(2) Truck-Lite 60 series Combination Turn/Clearance, Yellow; CS & RS center of trailer, mounted on the bracket below bottom rail.		
Front Side Marker Lamps	(2)Truck-Lite 33 series(Y) LED--1 each side on front end of side top rail, PC rated		
Rear Side Marker Lamps	(2)Truck-Lite 33 series(R) LED--1 each side on rear lower gusset, PC rated		
Additional Side Marker Lamps	None		
License Lamp(s)	One(1) Truck-Lite 15 series(W) LED on rear license lamp bracket		
ABS Lights	One Truck-Lite 33 series LED, mounted on the RS rear gusset only.		
Conspicuity Tape	DOT minimum requirement on bottom rail and at rear of trailer.		
Dome Lights	None		
Miscellaneous Text			
PAINT / FINISH			
Front Finish	None(High glossy stainless steel)		
Side Finish	Pre-painted white		
Bottom And Top Side Rails	Natural Finish		
Rear Frame Finish	Glass bead shot & Anodized		
Rear Door Finish	None (Quilted stainless steel)		
Undercarriage Finish	Black undercoat (subframe, suspension, axles and landing gear)		
Crossmembers	Steel crossmembers galvanized		
Wheels Finish	Polished Alum outside		
CIMC Logos Installation	Small logo of name & model placed at the lower front corner on the sidewalls.		
Interior Painting	None		

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Inspection Decal	FHWA installed		
Miscellaneous Text			
REFRIGERATION UNIT INSTALLATION			
Refrigeration Unit & Installation	None		
Battery	None		
Fuel Tank & Fuel Line	None		
Fuel Tank Size	■ 50 gallon ■ 75 gallon ■ 100 gallon		Customer to specify when request for quote
Fuel Sensor	None		
Bulkhead	None		
Air Chute	None		
Inservice	None		
Electric Standby	Prep conduit and fish wire for future installation of electric standby		
Miscellaneous Text			
MISCELLANEOUS			
License Plate Installation	None		
License Plate Bracket	Galvanized steel bracket; Mounted on the bottom of the rear frame.		
Customer Decal Package	None		
Unit Number	None		
Cardholder	One Truck-Lite #97960 round permit holder; Mounted on lower nose.		
Manifest Box	None		
Placards	None		
Mudflaps / Bracket	White plastic smooth type with H.D.G. steel reinforce straps; Blue "CIMC Vanguard" logo would be printed on it if there were not customer's logo.		
Tire Carriers	Prep for future tire carrier installation		
Tools Box	None		
Lift Pads	None		
Walk Ramp	None		
Rub Rails	None		
Miscellaneous Text			
OPTIONAL AERODYNAMIC FEATURES (SMARTWAY)			
Side Fairings	None		
Special Tire & Wheel Configuration	None		
Tire & Wheel Configuration	None		
Miscellaneous Text			
SPEC Confirmation Signature:		Dec 13, 2023	
<i>These trailer specifications have been reviewed and accepted by:</i>			
Customer : _____		Date: _____	

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