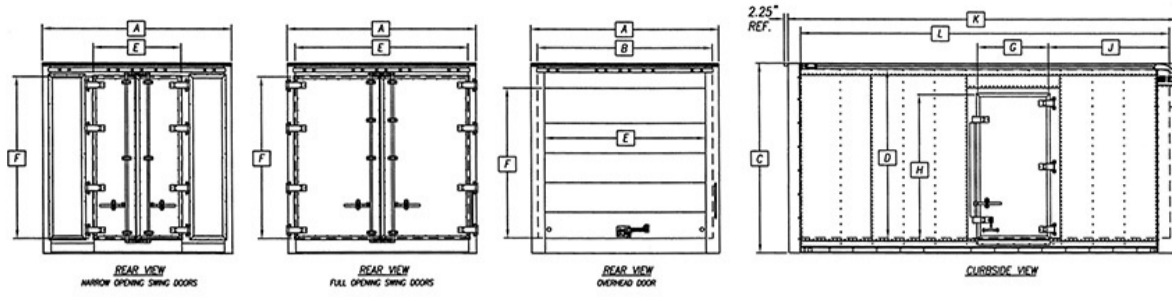


Refrigerated Cold Star Aluminum Specifications



Dimensional Key

- A= Overall Width
- B= Interior Width
- C = Exterior Height
- D = Interior Height
- E = Rear Door Opening Width
- F = Rear Door Opening Height
- G = Side Door Opening Height
- H = Standard Side Door Opening Height
- J = Leading Edge Of Side Door To Inside Front of Body
- K = Exterior Length of Body
- L = Inside Front Liner To Inside Rear Door Panel
- M = Bottom Of Evaporator Unit To Floor
- N = Bottom Of Condenser Unit To Bottom of of Longitudinal (4" I-Beam)
- O = Depth of Refrigeration Unit Condenser
- P = Depth of Refrigeration Unit Evaporator

LENGTH DIMENSIONS										
NOMINAL LENGTH	10	12	14	16	18	20	22	24	26	28
"K"	10' 5-5/8"	12' 5-5/8"	14' 5-5/8"	16' 5-5/8"	18' 5-5/8"	20' 5-5/8"	22' 5-5/8"	24' 5-5/8"	26' 5-5/8"	28' 5-5/8"
"L" - O/H ⁴	9' 7"	11' 7"	13' 7"	15' 7"	17' 7"	19' 7"	21' 7"	23' 7"	25' 7"	27' 7"
"L" - PANEL DOORS ⁵	9' 10"	11' 10"	13' 10"	15' 10"	17' 10"	19' 10"	21' 10"	23' 10"	25' 10"	27' 10"

Notes:
 4.) O/H Door Dimensions Are For A Single Insulated Door. Subtract 1" For Double Insulated Doors.
 5.) Panel Door Dimensions Are For 3" Thick Foam Doors. Subtract 1" for 4" Foam Doors, 2" For 5" Foam doors.

WIDTH DIMENSIONS					
EXTERIOR BODY WIDTH	"A"	"B" ¹			
		1.38"FOAM	3" FOAM	4" FOAM	5" FOAM
90	90"	86-3/16"	83-3/16"	81-3/16"	79-3/16"
96	96"	92-3/16"	89-3/16"	87-3/16"	85-3/16"
102	102"	98-3/16"	95-3/16"	93-3/16"	91-3/16"

1.) Interior Width Dimension Is From Scuff To Scuff.

HEIGHT DIMENSIONS				
BODY HEIGHT	"C" ²	"D" ³		
		3" FOAM	4" FOAM	5" Foam
79	85-3/8"	74.00"	73.00"	72.00"
85	91-3/8"	80.00"	79.00"	78.00"
91	97-3/8"	86.00"	85.00"	84.00"
97	103-3/8"	92.00"	91.00"	90.00"
103	109-3/8"	98.00"	97.00"	96.00"

2.) Exterior Height Does Not Include Longitudinales
 3.) Interior Height Is Based On Standard 4" Floor Foam. Subtract 1" for 5" Floor Foam. Add 3-9/16" For Foam Between Sills.

"F" - REAR DOOR OPENING HEIGHT ⁶					
BODY HEIGHT	OVERHEAD DOORS				SWING PANEL DOORS
	WHITING TEMPGUARD TODCO 1.12 POLARGUARD		WHITING COLDSAVER TODCO 2.50 POLARGUARD		
	3" AND 4" CEILING FOAM	5" CEILING FOAM	3" AND 4" CEILING FOAM	5" CEILING FOAM	3", 4" AND 5" CEILING FOAM
	79	64 -3/8"	63-3/8"	63-3/8"	

6.) Rear Door Opening Height Is Based On Standard 4" Floor Foam. Subtract 1" for 5" Floor Foam. Add 3-3/8" For Foam Between Sills.

SIDE DOOR DIMENSIONS						
"H" - SIDE DOOR HEIGHT						"G" SIDE DOOR WIDTH
SIDE DOOR	BODY HEIGHT					
	79	85	91	97	103	
STD. HEIGHT	66-7/8"	72-7/8"	72-7/8"	72-7/8"	72-7/8"	36-1/16"
FULL HEIGHT	66-7/8"	72-7/8"	78-7/8"	84-7/8"	90-7/8"	36-1/16"

"E" - REAR DOOR OPENING WIDTH
 7.) Side Wall Foam Thickness Does Not Affect Swing Panel Door Opening Width.

"F" - REAR DOOR OPENING HEIGHT ⁶					
85	70-3/8"	69-3/8"	69-3/8"	68-3/8"	75-5/8"
91	76-3/8"	75-3/8"	75-3/8"	74-3/8"	81-5/8"
97	82-3/8"	81-3/8"	81-3/8"	80-3/8"	87-3/8"
103	88-3/8"	87-3/8"	87-3/8"	86-3/8"	93-5/8"

6.) Rear Door Opening Height Is Based On Standard 4" Floor Foam. Subtract 1" for 5" Floor Foam. Add 3-3/8" For Foam Between Sills.

STANDARD SIDE DOOR LOCATIONS										
BODY LENGTH	10	12	14	16	18	20	22	24	26	28
J	29-1/16"		61-1/16"							

Notes:
8.) Foremost Location Of Side Door is 13-1/16" From Inside Front Wall.
9.) Door Can Be Moved Fore and Aft of Std. Location on 2" Increments Only.
10.) Door Location is Based On 4" Of Foam In Front Wall.

"E" - REAR DOOR OPENING WIDTH				
EXTERIOR	O/H DOOR		SWING PANEL DOORS ⁷	
BODY WIDTH	1.38", 3", 4" SIDE FOAM	5" SIDE FOAM	2, 3, OR 4 - PANEL FULL OPENING	1 OR 2 -PANEL NARROW OPENING
90	76"	74"	82"	43-3/4"
96	82"	80"	88"	43-3/4"
102	88"	86"	94"	43-3/4"

7.) Side Wall Foam Thickness Does Not Affect Swing Panel Door Opening Width.

CALCULATED WEIGHT CHART											
BODY HEIGHT	BODY LENGTH										Body Weight Includes: Base Body, O/H Rear Door, D.O.T. Underide, Mud Flaps, Lighting Per FMVSS 108, Mounting Kit, Kemlite Linear Front, Sides and Ceiling, Steel Reinforcement For One-piece Reefer Unit, 3" Foam Sides And Ceiling, 4" Foam Front And Floor, Smooth Extruded Aluminum Hat Floor, 4" Jr. I-Beam Longitudinales. Weight Tolerance = ± 3%
	10	12	14	16	18	20	22	24	26	28	
GVSR79	2440	2685	2944	3194	3456	3707	3967	4221	4482	4732	
GVSR85	2505	2754	3019	3273	3539	3796	4059	4318	4584	4839	
GVSR91	2571	2824	3092	3352	3613	3884	4153	4418	4691	4947	
GVSR97	2635	2883	3166	3430	3705	3971	4244	4514	4789	5053	
GVSR103	----	----	3239	3510	3789	4057	4338	4611	4891	5160	

Note:

All Dimensions Weights and Measurements Specified Herein Are Subject to Morgan's Manufacturing Tolerances, may change without Notice, And May Vary Depending On Options Selected. Please Contact Morgan For Measurements For Your Particular Truck Body And Chassis Specifications.