

Custom shelf for CD20 Refrigerator

Prepared for SIEMENS • April, 2016

1. Purpose

This bracket is designed to hold in place a small refrigerator "Dometic CD20". The shelf will be hold in place by two ¼ inch dia screws to the back wall, one ¼ inch dia screw to the right wall and by an adjustable arm to the left side by attaching it to the ceiling of the compartment with ½ inch dia bolt.

The refrigerator will be removable at any time by removing the whole bracket itself. The left arm can stay in place just remove two vertical screws holding the refrigerator to the bracket.

Device	Weight
Dometic CD20	60 Lbs.

2. Product

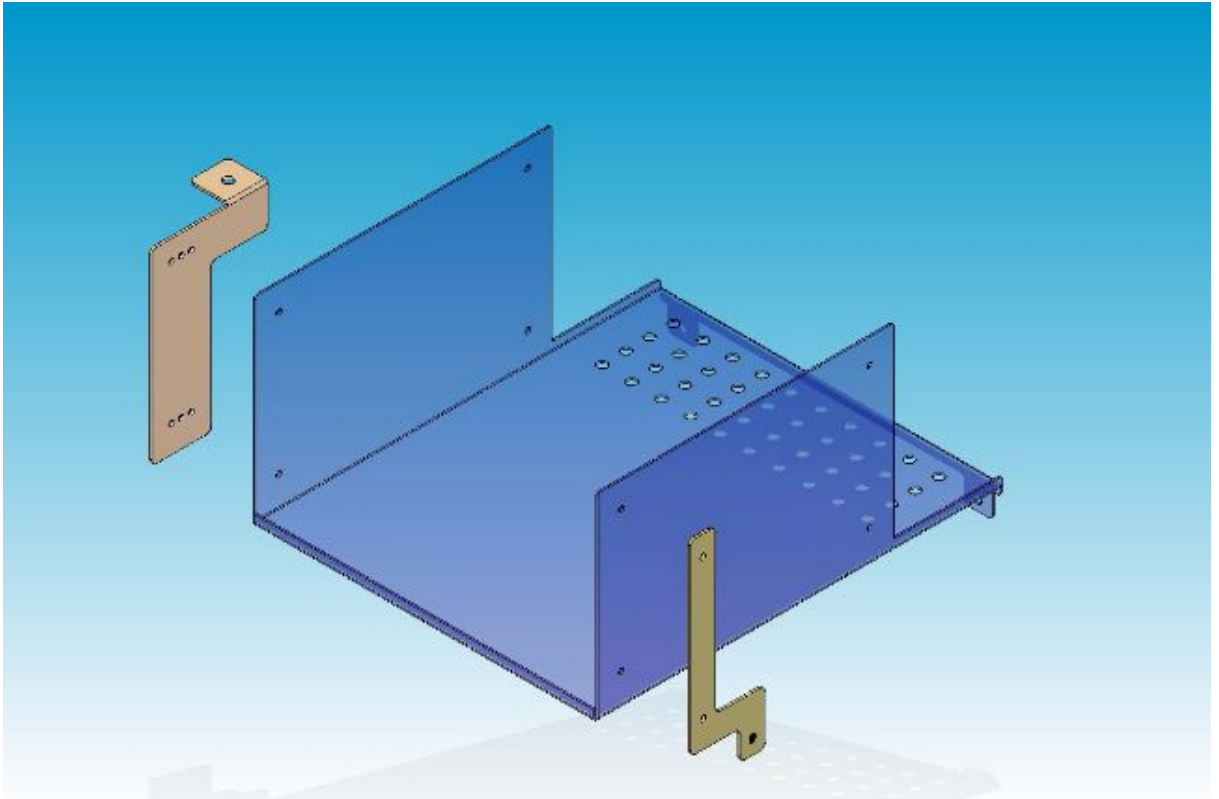
2.1. Material

Powder coated steel

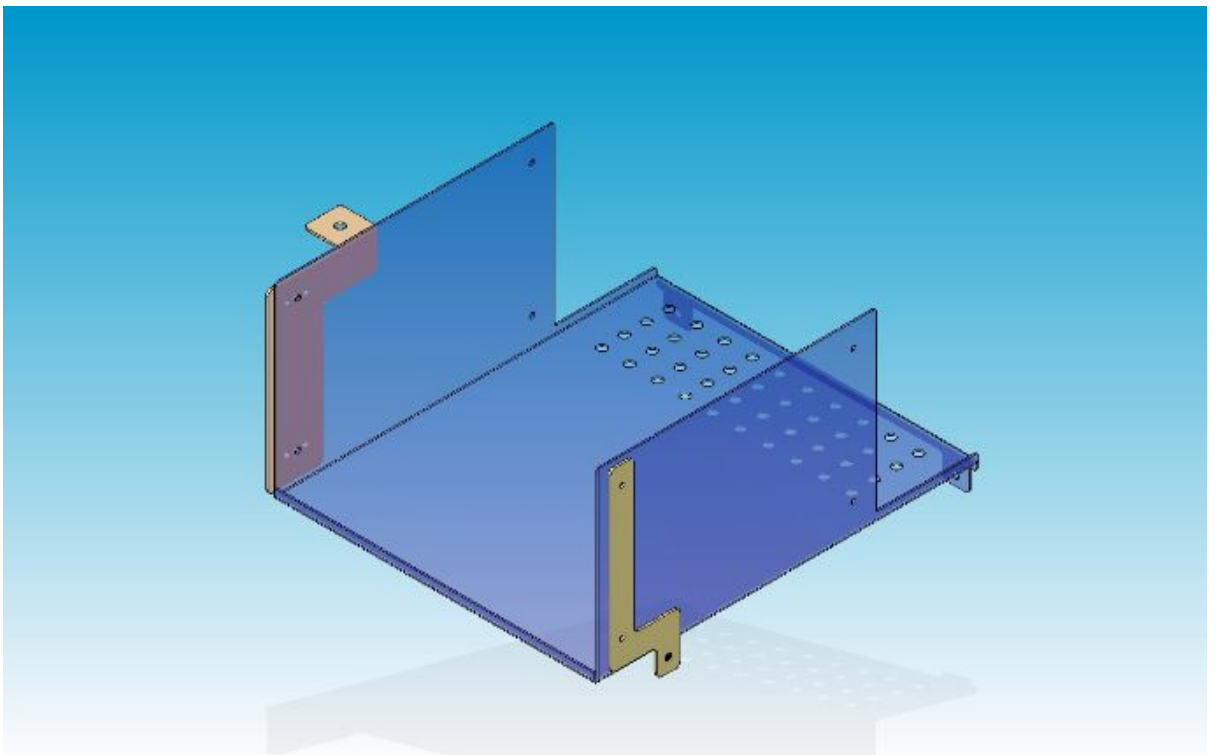
The parts are made from cold rolled steel, gauges 11 and 12, to provide better support for the mounted device.

This shelf will be mounted with two ¼ rivet nuts to the back wall, one rived nut to the right wall and adjustable arm on the left side attached to the ceiling with ½ inch dia bolt.

Exploded View



Mounted View



List of Parts:

1. Shelf
2. Right arm
3. Left adjustable arm
4. Screws and rivet nuts

Part number:

RCD-2217-RFS-CD20-00



Design and manufactured in America

2.2. Installation

1. Position the shelf on a flat surface (the two ears are the back of the shelf);
2. Insert the refrigerator into the shelf, make sure holes on the sides of the shelf are aligned with mounting holes of the refrigerator;
3. Assemble arms and shelf to the refrigerator:
 - 3.1 Mount both left and right arms through the shelf to the refrigerator with four provided M6 screws:
 - 3.1.1 Mount the left arm through the left front side of the shelf (it's adjustable for depth),
 - 3.1.2 Mount the right arm through the right front side of the shelf,
 - 3.2 Secure the left and right back sides of the shelf to the refrigerator using the other four provided M6 screws.
4. Use the supplied hydraulic jack to lift the shelf-refrigerator assembly and to locate it to its appointed place;
5. Using hand scribe or permanent marker mark the exact position of the mounting holes: to the back, to the left and to the ceiling;
6. Remove the shelf-refrigerator assembly and drill 4 holes:
 - 6.1 Two back holes with 25/64" (.391") dia. drill,
 - 6.2 One right hole with 9/32" (.281") dia. drill,
 - 6.3 One ceiling hole with 17/32" (.531") dia. Drill.
7. Use a rivet crimping tool to install the two provided rivet nuts to the back wall;
8. Use the hydraulic jack to lift the assembly to its place and secure it with provided screws to the back, right and top.