

## COMPARISON: RT A1200 VS. C354TS

The RT A1200 and C354TS Halon fire extinguishers from H3R Aviation are both popular choices among commercial aviation consumers. This document compares and contrasts the features of each extinguisher to better inform those considering either model.

The table below offers a close look at each model's features, while the diagram on the reverse side of this document illustrates their dimensions. The diagram is useful in determining where to install the model in an aircraft, or in deciding whether available space will allow the replacement of one with the other.

**Note:** The diagram specifically depicts the scenario in which an RT A1200 is replaced with a C354TS, and the top mounting hole of the C354TS bracket is aligned with the top mounting hole of the RT A1200. This scenario enables the existing mounting holes drilled in the aircraft for the RT A1200 to be used. In this instance, compared to the RT A1200 the mounted C354TS requires an additional 15/16" of space above, 1 7/8" more space below, and the same space for width and depth.



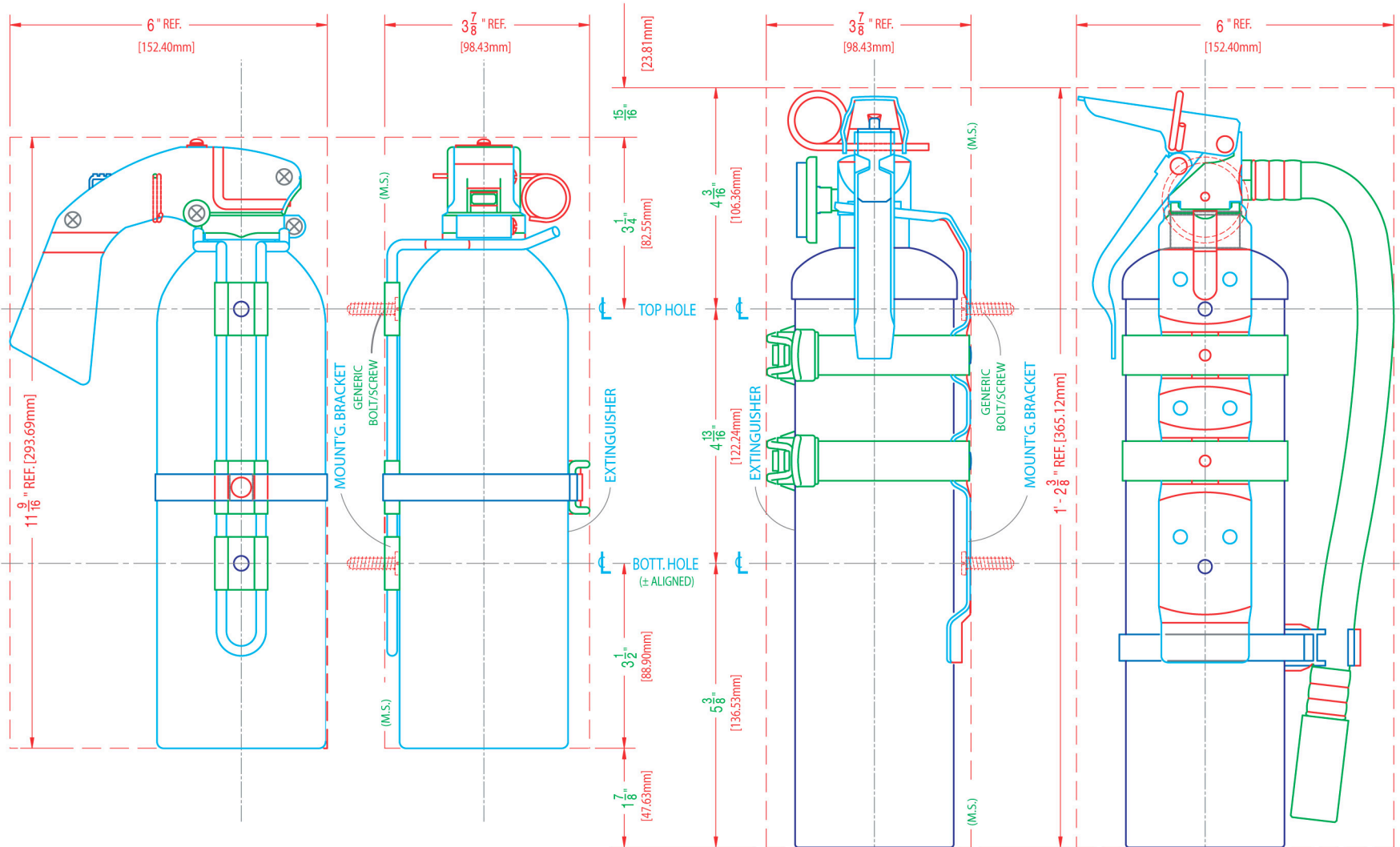
Feature	Model RT A1200	Model C354TS	Compared to the RT A1200, the C354TS:
UL rating	5B:C	5B:C	Has the same UL rating.
Dimensions	11 9/16" H, 6" W, 3 7/8" D	14 3/8" H, 6" W, 3 7/8" D	Is 2 13/16" taller, same width, same depth.
Agent	Halon 1211-1301	Halon 1211	Contains only Halon 1211, which is easier to recycle than the blend.
Agent weight	2.5 lbs.	3 lbs.	Contains 0.5 lbs. more extinguishing agent.
Gross weight	3.3 lbs.	5.6 lbs.	Has a gross weight that is 2.3 lbs. heavier.
Rechargeable	No	Yes	Is rechargeable.
Non-aviation use	No	Yes	Is United States Coast Guard approved.
Discharge time	14-16 sec.	12 sec.	Has a shorter discharge time.
Discharge range	8-14 ft.	9-15 ft.	Has a longer discharge range.
Discharge hose	No	Yes	Has a discharge hose for ease of use.
Inspection and maintenance requirements	Monthly check for damage / obstruction. Weigh before each flight.	Check for damage / obstruction and check gauge monthly. Yearly professional service/more extensive service every 6 years.	Has easier inspection requirements, but maintenance (every 6 years) is more involved.
Maximum shelf life	12 years	Indefinite	Has a longer shelf life because it is rechargeable.
Bracket	Less sturdy, 2 holes	Sturdy steel, 7 holes	Has a sturdier bracket, with greater mounting versatility.
Cylinder	Aluminum	Steel	Has a sturdier cylinder.
Disposal	Return to manufacturer	Fire service company/overhauler	Can be disposed of at any certified fire service company/overhauler.



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DIAGRAM FOR USING THE EXISTING RT A1200 BRACKET TOP HOLE TO MOUNT THE C354TS BRACKET



RT A1200

BACK VIEW

SIDE VIEW (LEFT)

C354TS

SIDE VIEW (RIGHT)

BACK VIEW

(M.S.) = MOUNTING SURFACE