

COMPARISON: RT A600 VS. A344T

The RT A600 and A344T Halon fire extinguishers from H3R Aviation are both popular choices among general aviation consumers. This document compares and contrasts 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 A600 is replaced with an A344T, and the top mounting hole of the A344T bracket is aligned with the top mounting hole of the RT A600. This scenario enables the existing mounting holes drilled in the aircraft for the RT A600 to be used. In this instance, compared to the RT A600 the mounted A344T would require an additional 11/16" of space above, 9/16" less space below, 3/4" greater width room and 3/8" greater depth.



Feature	Model RT A600	Model A344T	Compared to the RT A600, the A344T:
UL rating	2B:C	2B:C	Has the same UL rating.
Dimensions	10" H, 3" W, 3 1/4" D	10 1/8" H, 3 3/4" W, 3 5/8" D	Is 1/8" taller, 3/4" wider, 3/8" deeper.
Agent	Halon 1211-1301	Halon 1211	Contains only Halon 1211, which is easier to recycle than the blend.
Agent weight	1.3 lbs.	1.3 lbs.	Contains the same extinguishing agent weight.
Gross weight	1.6 lbs.	2.3 lbs.	Has a gross weight that is 0.7 lbs. heavier.
Rechargeable	No	Yes	Is rechargeable.
Non-aviation use	No	Yes	Can be used for non-aviation purposes.
Discharge time	10-12 sec.	10 sec.	Has the same discharge time.
Discharge range	6-8 ft.	9-12 ft.	Has a 3-4 ft. longer discharge range.
Chrome option	No	Yes	Has a chrome option (model A344TC).
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, 10 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.



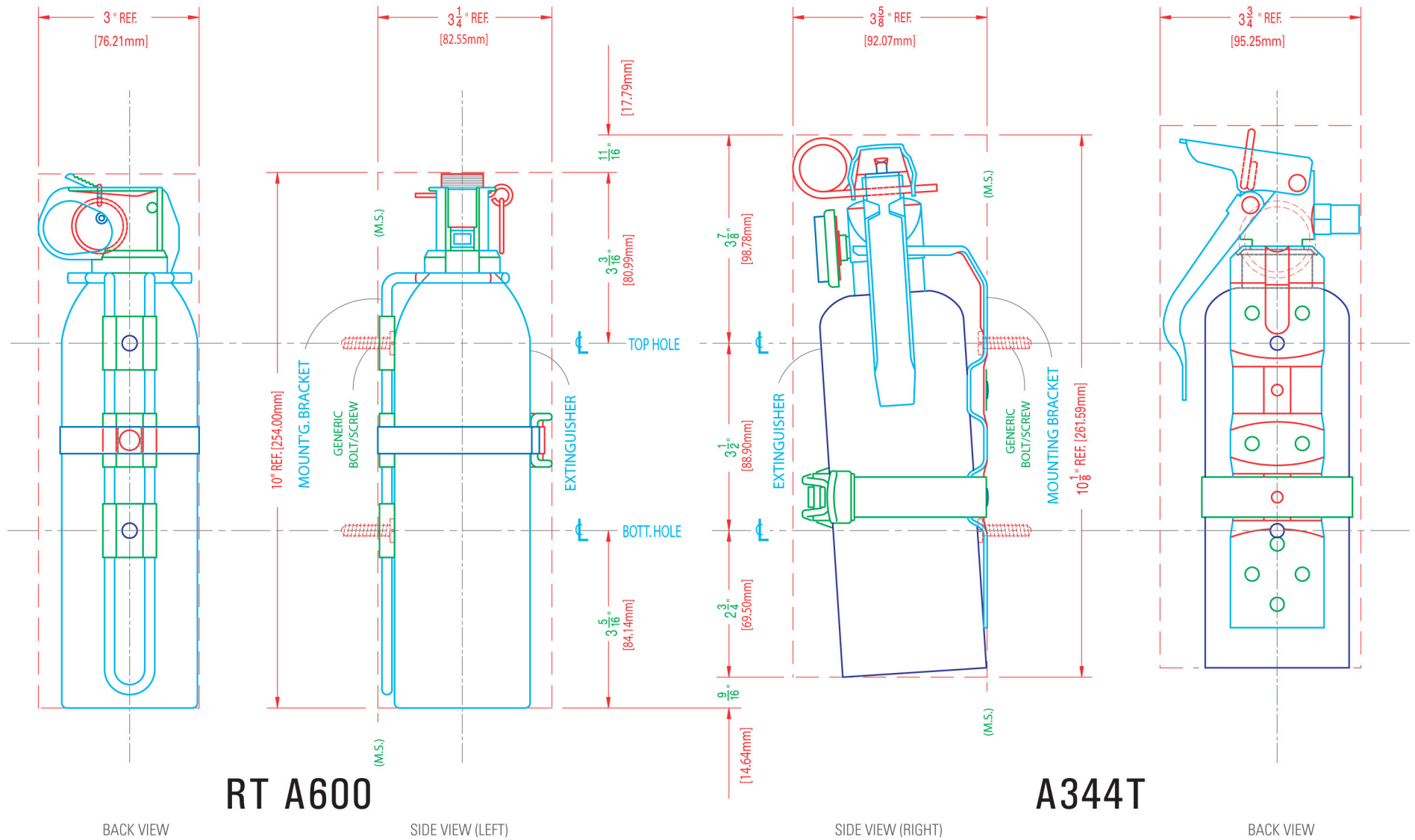
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DIAGRAM FOR USING THE EXISTING RT A600 BRACKET TOP HOLE TO MOUNT THE A344T BRACKET



RT A600

A344T

(M.S.) = MOUNTING SURFACE