

# D-T Fusion Reactor

Developed by [Sahar Subsystems](#), the D-H3 fusion reactor is the mainstay in fusion power for space vessels. The reactor is a normal D-T reactor with the exception that Helium-3 is captured from Tritium decay and reused to provide additional power. From this Helium-4 is created to be used in the fusion process. By way of a [Triple Alpha](#) process the helium-4 is used up with carbon as the byproduct.

In essence this means that it produces much more power than standard D-H3 and D-T reactors and so on. The left over carbon can either then be used for other purposes or be burned for additional power for a relatively clean and efficient power source as nothing is wasted.

## General Information

Name: D-T Fusion Reactor Type: Powerplant Government: [sahaad\\_confederacy](#) Designer: [Djahet Fleetforges](#) Manufacturer: [Djahet Fleetforges](#)

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