

Geshrinari Aether Generator



The [Geshrinari Shipyards](#) manufactured [Aether](#) generator is a common feature on most of their newer ships.

The [Aether Generator](#) consists of the reactor, and its connected to the following components; turbines, generators, and condensers. Starting the generator requires a source of power, either external or a secondary power supply.

Impulse Turbines

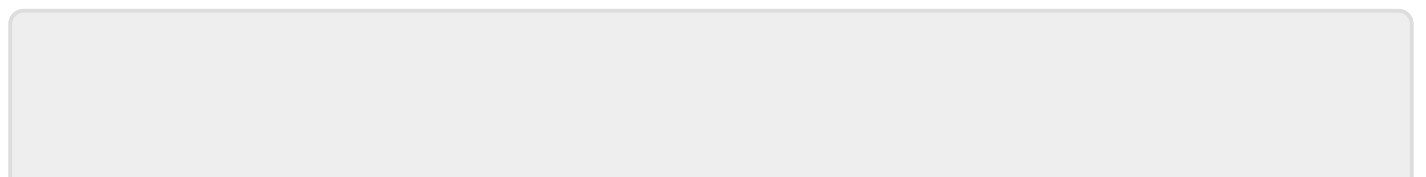
Upon exiting the heat exchanger the super heated fluid (high pressure steam) at this point, is then channeled into the [impulse turbines](#). Each reactor has three turbines, depending on the reactor level and load requirements one or more of the turbines will be active.

Generators

Each of the turbines is attached via a transmission to a generator. This allows the turbines to spin the generators. Each generator has integrated circuitry to ensure that the output is stable. Once the generator is up to speed (80% of rated capacity), the output is connected to the ship's power grid.

Condenser

After passing through the turbines the steam enters the condenser. This device cools and stores the steam so that it can be sent back through the heat exchangers. The waste heat is radiated into space through radiator fins.



Last
update:
2024/03/21 08:22 corp:geshrinari_shipyards:component:ge_g3300 https://wiki.stararmy.com/doku.php?id=corp:geshrinari_shipyards:component:ge_g3300

From:
<https://wiki.stararmy.com/> - **STAR ARMY**

Permanent link:
https://wiki.stararmy.com/doku.php?id=corp:geshrinari_shipyards:component:ge_g3300



Last update: **2024/03/21 08:22**