

Variable Accelerated Plasma Drive (VAPD)

The VAPD is a new spin on an old design. While it follows much of the same scheme of a plasmic thruster. Fuel is ionized and a power system is used to generate the electrical and electromagnetic fields necessary to expel the super-heated gas as a form of propellant. [Veyrinite Rings](#) are installed within each thruster in sets of two to ensure extremely tight management of the plasma with next to no loss of thermal, electrical and electromagnetic energies when electricity is applied to the rings. In addition to this a recently discovered effect occurs as a result of using this precious material within the drive system. [Micro Spatial Compressions](#), a phenomena being studied for further uses resulting in additional propulsive forces being generated via the impulse exhaust and overall tighter control.

Efficiency has not proven to be a problem due to these enhancements and blind luck however the [Sahaad](#) take it a step further. Instead of utilizing the drive much like a rocket it is driven by pulsed thrust to make the most out of the system. By compressing the plasma flow into dense pockets from lower pressure flows. It is then set to a series of high precision pulses, expelling tiny amounts of thrust several hundreds of times a second.

General Information

Name: V.A.P.Drive {Variable Accelerated Plasma Drive} Type: STL Propulsion System Government: [Sahaad Confederacy](#) Designer: [Djahet Fleetforges](#) Manufacturer: [Djahet Fleetforges](#)

Current Speeds		
Type	Powered Frame	Starship
STL	.3c	

From:

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

Permanent link:

https://wiki.starmy.com/doku.php?id=faction:iromakuanhe:sahaad:variable_accelerated_plasma_drive

Last update: **2023/12/27 14:38**

