

BW-HPT "Dragon's Breath"

The Dragon's Breath or S6-HPT, is a plasma thrower developed by [Section Six](#) for use in biohazard containment scenarios such as a recent minor outbreak of Mayer Strain following the death of [Sgt Blake](#). It was however, renamed the following year as S6 became the nation known as the [New Dusk Conclave](#), where production was eventually taken over by [Black Wing Enterprises](#).

It was developed based on recovered or improvised hydrazine flamethrowers used in the containment event in late [YE40](#).



About the BW-HPT

Due to recent encounters with mutamorphic bioweapons and the resultant horrors, [Section 6](#) continues to grow adept at containing and cleansing such sites. The current modus operandi is to immobilize or kill infected with [HAR1-1](#) fire, then sweep with hydrazine sprayers to dehydrate the remaining cells and ignite to burn the remains.

Enter the S6-HPT, a hydrazine and deuterium fired plasma thrower, capable of disintegrating corpses at the molecular level and ensuring zero infectivity of remains.

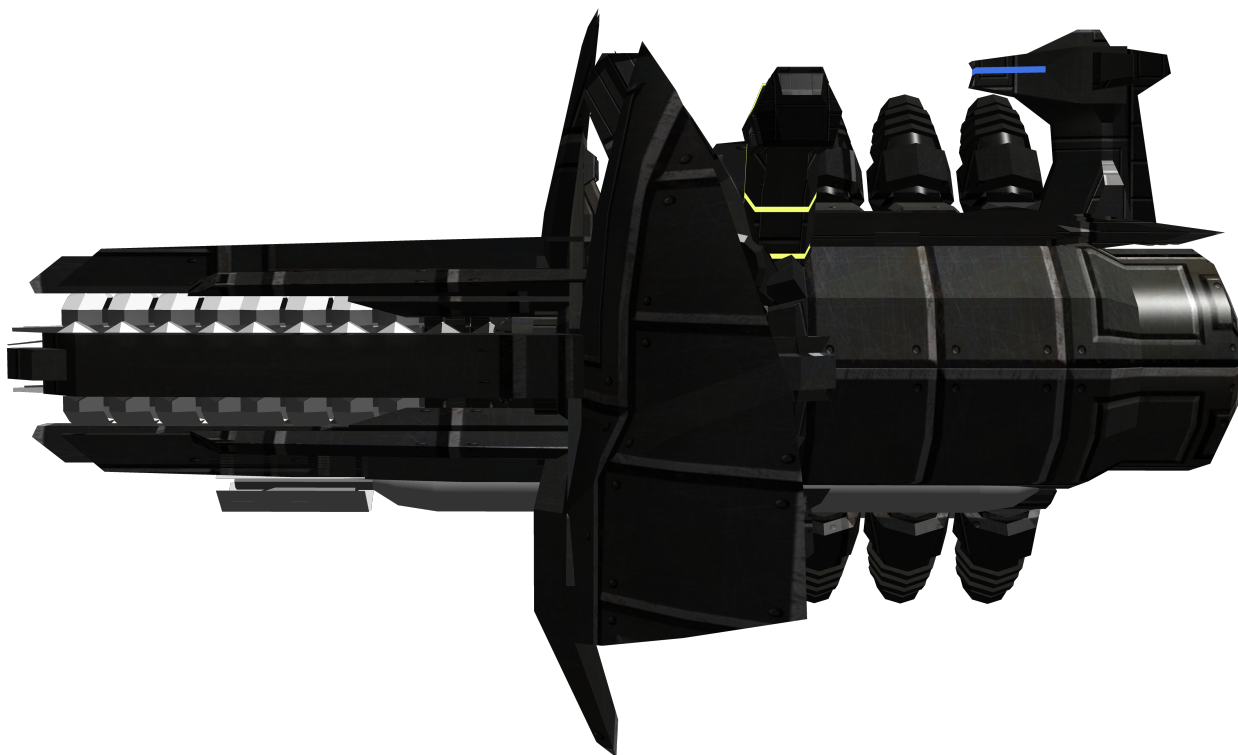
Nomenclature Information

Here is the production data on the dragon's breath.

- Designer: [Department Of Advanced Research And Development \(D.O.A.R.A.D.\)](#)
- Manufacturer: [Black Wing Enterprises](#)
- Name: Dragon's Breath
- Nomenclature: BW-HPT-1A
- Type: plasma flamer
- Role: biohazard cleanup weapon
- Length: 24 inch barrel and handle assembly, 22 gallon pressurized tank on the side of the weapon¹⁾
- Mass: 90 lb

Appearance

The Dragon's Breath is a bit bulky, but very advanced in appearance. The weapon is a curvy and straight line combination that make up the shape of this large man-portable heavy weapon. The plasma nozzle is on four long pronged struts that are arranged around rows of magnetic field generating rails. A curved plate of [Aegium](#) is mounted at the base of this nozzle, which shields the complex pump systems that form the rear of the weapon. Two cylinder like containers are mounted on the side of this weapon, the lower and largest being a pressurized tank, and a smaller one which has rounded ends, which contains the plasma core. A set of grips sit atop the rear half of the weapon, a display sitting before them which shows the weapons system readouts and fuel levels.



Discharge Information

Here is the data on the weapon's behavior when fired.

- Muzzle Flash: Bright and flickering light emitted by flames.
- Retort: A low pitched whine before a roaring howl.
 - Projectile/Beam Appearance: A huge spewed column of blue plasma fire.
- Effective Range 20 yards
- Rate of Fire:
 - Hydrazine: 2 gallons per minute
 - Plasma: roughly 1/10th of a core's fuel per minute
 - Plasma Charge Shot: 2/10th of a Core's fuel per minute ²⁾
- Recoil: Moderate, similar to that of a high pressure water hose, like those used by fire fighters.

Ammunition (Or 'Energy Source' if applicable)

Here is the data based on the Dragon's Breath's different ammunition, their damage, and round capacity of the weapon.

- Ammunition 🧠 [Hydrazine](#), [BW-PC-1A Plasma Core](#)
 - [Purpose](#): Tier 4, light anti-armor for use in cleansing of bioweapons remains.
- Round Capacity: 22 gallons, 1 core



| Firing Mode Damage Quickchart | |
|-------------------------------|---------|
| Mode | Purpose |
| Hydrazine Spray | Tier 2 |
| Plasma fire | Tier 3 |
| Plasma Charge Shot | Tier 4 |

Hydrazine is not only dangerously unstable, but it is also an extreme hydrophilic, forming hydrazine hydrate when contacting any form of water containing substrate, such as living tissue. This allows degradation of infected cells and destruction of virus and bacterial pathogens before being ignited and burning any remains to ash.

Weapon Mechanisms

Data on the weapon's internal workings.

- Firing Mechanism: Chem pump, and a plasmatic fuel pump which are fed into separate barrels. The hydrazine is sprayed from a high pressure under barrel nozzle, while plasma is ignited then directed a magnetic barrel to ignite the hydrazine if used.
- Loading: The tank is slotted into the back, where the connector clamps down and seals with the flip of a lever beside the tank's cradle. While the plasma core is side loaded into an armor encased bracket.
- Mode Selector: There is a second trigger on the grip, the first is the plasma fire, the other is the hydrazine sprayer.
- Firing Modes: Plasma, or Hydrazine. Additionally the magnetic barrel can be set to contain the plasma as long as the trigger is held, which then can be released after 20 seconds as a large cohesive bolt of plasma.
- Safety Mechanism: There is none
- Weapon Sight: Only sighting software in issued armors are available, meaning unarmed personnel "eyeball" it.
- Attachment Hard Points: none

Other

Below here is any additional information not found in the other sections.

Pricing

Below is the pricing.

- Dragon's Breath: 4,000DS / 2,000DA / 1,000KS

Replaceable Parts and Components

Below are the replaceable parts of this.

- Railed Nozzle: 500DS / 125 KS / 250 DA
- Hydrazine Nozzle: 20DS / 5KS / 10DA
- Plasma Pump: 100DS / 25KS / 50DA
- Hydrazine Pump: 20DS / 5KS / 10DA
- 22 Gallon Pressurized Tank: 20DS / 5KS / 10DA
- Plasma Core Bracket: 20DS / 5KS / 10DA
- System Display: 32DS / 8KS / 16DA
- [Aegium](#) Armor Plate: 60DS / 15KS / 30DA

Optional Attachments

- NONE

Ammunition

| Munition Price Quickchart | | |
|---------------------------|--------|--------|
| Type | Price | (UNIT) |
| Hydrazine | 85 DS | GAL |
| Plasma | 125 DS | Core |

OOC Notes

[Jack Pine](#) created this article on 2019/01/20 19:36.

- [Approval Thread](#)

| Products & Items Database | |
|---------------------------|--|
| Product Categories | weapons: flamethrowers |
| Product Name | BW-HPT "Dragon's Breath" |
| Nomenclature | BW-HPT |
| Manufacturer | Black Wing Enterprises |
| Year Released | YE 39 |
| Price (KS) | 1 ,000.00 KS |
| DR v3 max | Tier 4 |
| Mass (kg) | 40 kg |

¹⁾

or optionally as a back carried container

²⁾

1 RPM: 1 shot after 20 seconds, then 40 seconds after cooling cycle.

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