



NEW

SKU	Designation	French Law	Colors	MSRP
A61375	Waldo Dynamics NPAS Crimson VFC/APFG/Maruyama	Vente libre	Orange	18.00 € incl. tax

An adjustable NPAS designed to adjust energy while improving the consistency of compatible GBBRs.

The **Crimson Waldo Dynamics VFC/APFG/Maruyama NPAS** allows you to **adjust the energy of a GBBR** with a 1.5 mm Allen key. Its reduced internal bore is designed to improve consistency between shots, particularly around 0.9 to 1.2 joules, while maintaining a wide adjustment range.

- **Brand:** Waldo Dynamics
- **Model:** Crimson NPAS
- **Type:** Adjustable NPAS valve for GBBR
- **Development:** collaboration with Bristol Based Airsoft
- **Function:** Energy adjustment and regularity optimization
- **Particularly optimized range:** 0.9 to 1.2 joules
- **Adjustment:** 1.5 mm Allen key
- **Clockwise direction:** decrease in energy
- **Counterclockwise:** increased energy
- **Design:** reduced internal bore
- **Material:** Reinforced nylon polymer
- **Color:** Crimson red
- **Compatibility:** many GBBRs from VFC, APFG, Maruyama and Marksman

Easily adjust the energy of a GBBR

The **Crimson Waldo Dynamics VFC/APFG/Maruyama NPAS** allows direct adjustment of the energy output of many **GBBRs**. Once installed in the nozzle, it can be adjusted with a simple 1.5 mm Allen key.

Access is gained from the front of the nozzle after removing the replica's moving parts. A clockwise rotation reduces the energy; a counterclockwise rotation increases it. This allows the adjustment to be adapted to the configuration used, the gas, the BB weight, or the temperature conditions.

An internal bore designed for consistency

The **Crimson NPAS** 's distinguishing feature is its narrower internal bore. This design was developed to achieve more consistent results between shots, with particular attention paid to configurations operating around **0.9 to 1.2 joules** .

This range corresponds to an area where the stability of an adjustable system can become particularly important. Tests conducted for the project specifically compared the Crimson's behavior to that of an original valve to assess this consistency.

A wide adjustment range despite the small bore

The narrower bore does not mean that the NPAS is limited to low energy levels. Waldo Dynamics reports having achieved values exceeding **2 joules** on standard barrel length configurations with 0.36g BBs.

The actual energy obtained naturally remains dependent on the entire configuration: barrel length and diameter, gas used, temperature, mass of the BBs and characteristics specific to each GBBR.

Adjustable with a 1.5 mm Allen key

Once the NPAS is installed, adjustments do not require complete nozzle disassembly. After removing the bolt, a **1.5 mm Allen key** allows access to the adjustment screw from the front.

The principle is particularly practical when conditions change throughout the year. A few adjustments allow you to modify the flow rate and then monitor the result with a chronograph until you reach the desired energy level.

Reinforced nylon polymer and Crimson color

The part is made from a **reinforced nylon polymer** . This material is associated with the characteristic red color of the Crimson range, which makes the component immediately identifiable both on a workbench and when installed in the nozzle.

This visual identification is valuable when working on several mobile assemblies or several replicas equipped with different configurations.

Extensive compatibility with VFC GBBRs

The Crimson NPAS covers a wide selection of **VFC GBBR** platforms: URGI, 416, BCM, SR-16, AK, 727, M933, M733, M16A1, M16A2, XM177E2, MP7, SR25, M110, SCAR-H, 417, G28, PSG1, T91, G36, G3, HK53, FAL, OSW, FNC, UMP45, UMP9 and PPSH.

This extensive compatibility allows the same adjustment principle to be used on many architectures in the VFC range, from AR platforms to more specific models.

APFG, Maruyama and Marksman compatible

Compatibility doesn't stop with VFCs. The NPAS can also be fitted to the **APFG MCX and MPX** in their various versions, as well as the **Maruyama ISO 556, APC9, SCW9 and SPC9** .

The **Marksman K1A GBBR** is also among the compatible models. The Crimson thus provides a common solution for a particularly wide range of GBBR platforms.

NPAS installation and setup

Installation requires some technical knowledge and a minimum of tools. During adjustment, the screw must remain engaged in the mechanism: do not continue unscrewing until it is completely removed.

After each modification, the **chronograph** check allows precise measurement of the energy obtained and progressively fine-tuning of the setting according to the configuration of the replica.

FAQ

What is the purpose of an NPAS on an Airsoft GBBR?

An **NPAS** allows you to modify the nozzle's gas flow to adjust the energy delivered by a GBBR. The Crimson NPAS is also designed to improve shot-to-shot consistency, particularly around 0.9 to 1.2 joules.

How do I adjust the Crimson NPAS?

The adjustment is made with a **1.5 mm Allen key** from the front of the nozzle. A clockwise rotation decreases the energy, while a counter-clockwise rotation increases it.

Which GBBRs are compatible with the Crimson NPAS?

The **Crimson NPAS** is compatible with many VFC GBBRs, including the AR, 416, AK, MP7, SR25, SCAR-H, G36, G3, FAL, FNC, and UMP families. It is also compatible with the APFG MCX and MPX, the Maruyama ISO 556, APC9, SCW9, and SPC9, as well as the Marksman K1A.

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