

Link do produktu: <https://bizongarage.pl/nuke-performance-cfc-unit-for-atl-fuel-cells-competition-fuel-cell-unit-with-integrated-fuel-surge-tank-p-2926.html>



## Nuke Performance CFC Unit for ATL fuel cells - Competition Fuel Cell Unit, with integrated fuel surge tank

Cena brutto	<b>3 399,00 zł</b>
Cena netto	<b>2 763,41 zł</b>
Cena poprzednia	<b>4 194,86 zł</b>
Dostępność	<b>Na zamówienie</b>
Numer katalogowy	<b>331140451</b>
Kod producenta	<b>NP-150-05-203</b>

### Opis produktu

**The Nuke Performance CFC Unit, specially developed for ATL and Fuel Safe fuel cells, with integrated fuel surge tank and fuel pump hanger. Fits the most common fuel cells for your every need.**

The next-gen and the perfect solution for a modern, lightweight, safe, and functional fuel setup for serious builds for track days, time attack, drifting, or any other type of motorsports. Eliminates fuel starvation during racing.

- Fits your standard aftermarket Fuel Cell
- Low weight "drop-in surge tank" for your fuel cell
- Integrated 2 liter Fuel Surge Tank functionality
- Single AN-10 ORB outlet, for a trouble-free installation
- Fits single or dual high-pressure fuel pumps
- New high-profile CFC Unit that fits all ATL fuel cells
- Low profile fuel filler cap with integrated roll-over valve
- 100% proof for all types of fuel, including ethanol

The Nuke Performance CFC Unit eliminates the need for an external surge tank which is other needed when running a fuel cell, it is a perfect use for fuel injected systems. Use with PWM control, combined with the CFC Unit is an effective solution to prevent emerging heat when running numerous fuel pumps. This is the best way to eliminate fuel starvation that may occur in motorsports. And with the new high-profile version of the CFC Unit, thanks to its less mounting depth, it fits close to all fuel cells on the market.

#### **Integrated 2-liter surge tank, billet fuel pump hanger for 1-2 fuel pumps**

The unique CFC Unit from Nuke Performance works as a fill plate replacement for fuel cells with the standardized 6x10" 24-bolt pattern fill plates from manufacturers such as ATL, Premier, Pyrotec, Fuel Safe, Radium, etc. The CFC Unit is the perfect solution for a simplified high performing fuel system where safety is of uttermost importance. With the integrated drop-in surge tank, this setup eliminates the need for a space-consuming external surge tank.

- The most lightweight solution for your motorsports fuel system
- Fits most common FIA-homologated fuel cells

With all the needed fuel pumps mounted within the fuel cell itself, this product is the only thing you need. The simplicity of its design frees up space and weight while increasing safety, as fewer fuel line fittings are necessary and no external fuel pumps are used. With its unique low-profile billet design, this is the most lightweight solution on the market and lets you save crucial weight in your racecar.

#### **Internal high-pressure fuel pumps, for any need between 200 - 2000hp**

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The CFC Unit - Competition Fuel Cell Unit, with an integrated fuel surge tank, uses a billet fuel pump hanger and fits a single or dual high-pressure fuel pump from Deatschwerks, AEM, Ti Automotive, Walbro, Bosch, Fuelab, Aeromotive, and many more. It fits all common 39mm fuel pumps, as well as the larger Deatschwerks DW400, Walbro GST400/GST450/GST520, Bosch BR540, and Aeromotive Stealth 450. To make sure that the fuel surge tank is always filled, one fuel pump is mounted within the fuel cell, mounted to a height-adjustable aluminum mount, and works as a lift fuel pump. This solution is ready to deliver steady fuel flow for demands anywhere between 200-2500 horsepower without fuel starvation, even during demanding driving conditions thanks to the internal surge tank. This has become an extremely popular solution for all types of motorsports.

- Fits Deatschwerks DW400 in a single or dual setup
- Single or dual Ti Automotive / Walbro GST450 / GST 525
- All 39mm fuel pumps such as AEM 320L E85 and DW300
- Safe for all types of fuel, including alcoholic fuels such as E85

The high-profile CFC Unit fits all of the most common fuel pumps. Together with the Nuke Performance fuel pump mounting kits, it has never been this easy to set up a high-performance fuel system. And every little part of the CFC Unit is guaranteed to work perfectly with alcoholic fuels, such as ethanol even during long-term usage.

#### **How to mount fuel pumps within the Nuke Performance high-profile CFC Unit for ATL Saver cell fuel cells?**

The single fuel pump mounted in the fuel cell functions as a pickup fuel pump that ensures that the high-pressure fuel pumps within the oversized 2 liter (0.53 gallons) surge tank always have enough fuel to maximize fuel flow and minimize the risk of starvation that can seriously harm your engine. For more information, view the product manual. The high-profile edition CFC Unit is delivered with everything you need to install the fuel pumps of your selection, but we recommend adding one of our fuel pump mounting kits for optimal functionality. All fuel pumps are securely mounted in all conditions thanks to the billet fuel pump brackets.

- Fuel Pump Mounting Kits : Learn more about fuel pump setup
- Additional Fuel Pumps : Explore our selection of fuel pumps

#### **Our wide variety of fittings and fitment possibilities suits your every need for fuel delivery within an aftermarket fuel system**

The CFC Unit for ATL fuel cells uses an AN-10 ORB outlet and AN-8 ORB return inlet fittings. The use of the oversized, high flow AN-10 ORB outlet combines the internal fuel pumps into one single fuel line and minimizes the need for external equipment, hoses, and fittings. The included rollover protected vent fitting is of AN-6 (3/4 UNF) and can be swapped for AN-6 to AN-10 when needed. Outlet and return AN-6, AN-8, AN-10, and AN-12 fittings are sold separately as accessories.

##### **Outlet fittings :**

AN-10 ORB to AN-6 Male Part # : 700-04-108

AN-10 ORB to AN-8 Male Part # : 700-04-109

AN-10 ORB to AN-10 Male Part # : 700-04-110

AN-10 ORB to AN-12 Male Part # : 700-04-111

##### **Return fittings :**

AN-8 ORB to AN-6 Male Part # : 700-04-104

AN-8 ORB to AN-8 Male Part # : 700-04-105

AN-8 ORB to AN-10 Male Part # : 700-04-106

AN-8 ORB to AN-12 Male Part # : 700-04-107

#### **Which brands and what type of fuel cells can be used with the high-profile version of the CFC Unit from Nuke Performance?**

The high-profile CFC Unit is developed out of the low-profile version, but with the addition of being able to, without any modifications, mount the CFC Unit into the popular Saver Cell fuel cells from ATL, and Fuel Safe fuel cells. These fuel cells have a smaller opening than other common fuel cells, demanding this new design.

One benefit of this higher profile design is that it requires less minimum mounting depth, at 197-mm (7.75") instead of the 219-mm from the previous slim-design version. This high-profile version offers the minimum mounting depth and fits smaller

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openings while boasting the same undisputable top-notch functionality and just a little bit more weight than the low-profile lightweight version.

**Offered with a selection of fuel cells from ATL, Pyrotec, and Nuke Performance, all delivered with the preferred CFC Unit**

Changing from a stock fuel tank to an aftermarket, FIA-approved fuel cell has never been easier. We offer the high- and low-profile CFC Unit in combination with fuel cells from ATL and Pyrotec. For a simple and affordable solution when not in need of homologation, check out the Alucell 40/60-liter fuel cells from Nuke Performance.

- Available with FIA-homologated fuel cells from ATL and Pyrotec
- Fits the affordable Alucell fuel cells from Nuke Performance

Select your preferred CFC Unit that fits according to your selected fuel pump, or fuel cell setup. This version is designed with a high-profile design that fits straight to an ATL saver cell, or fuel cells with less available mounting depth, without the need for any modification prior to installation.

**How does the Nuke Performance Competition Fuel Cell Unit work?**

The CFC Unit works as a fuel pump hanger with an integrated surge tank for motorsports applications where safety and functionality are of uttermost importance. It is designed to mount directly to an aftermarket fuel cell with a standardized 24-bolt pattern.

**How to connect fuel pumps to the electrical connectors and fuel lines?**

The CFC Unit from Nuke Performance utilizes over-dimensioned electrical connectors in a fail-proof setup, you will not have to worry about the connectors being overloaded when running on a high ampere. For the lift fuel pump you have two electrical connectors and for the high-pressure fuel pumps you have a total of three connectors, letting you run a dual fuel pump setup in two steps or simultaneous if preferred. The fuel line connects to the included barb fittings, but we recommend adding one of the fuel pump mounting kits for your selected fuel pumps to get all the benefits of easy maintenance, fail-proof functionality, and long-run durability even when running alcoholic fuels such as ethanol.

**Low profile fuel filler cap or remote fill neck for 50mm fuel fill hose?**

The high-profile CFC Unit is delivered with a low-profile filler cap with integrated roll-over protection. But for those who prefer a remote fill, we offer a remote filler neck for a 50-52 mm fuel fill hose. It fits straight into the CFC Unit and uses integrated roll-over protection mounted on the underside of the CFC Unit. The remote filler neck is available as an accessory.

**Remote filler neck for 50mm fuel hose Part # : 150-05-202**

**Choose the right Fuel Level Sender Unit for your aftermarket fuel cell**

For most applications, an accurate fuel level sender is required to get an optimal experience. The Nuke Performance CFC Unit fits the most common fuel level senders that utilize the 5-bolt SAE pattern. The CFC Unit is delivered with a low profile and lightweight, block-off plate that easily can be swapped for a fuel level sender of choice. You can get your CFC Unit delivered with an FLS, make sure to select the right length when placing an order. For easy selection, measure the depth of your fuel cell and subtract approx 20mm (0.78") and select the fuel level sender that comes closest to your measurement.

**0-90 Ohms FLS Unit** : View our range of fuel level senders

**How to fit any of the CFC Units from Nuke Performance to your own custom fuel cell**

The CFC Unit from Nuke Performance is made to fit the standard 24-bolt pattern 6x10". We offer an aluminum flange that makes it possible to bolt the CFC Unit to a custom-manufactured fuel cell that uses this standard pattern. You can either weld it to your aluminum cell or copy the pattern to your top sheet and bolt the CFC Unit to it putting the top sheet in between the flange and the CFC Unit. The CFC Unit arrives with a Viton gasket (safe for all types of fuels), which fits perfectly for custom fuel cell applications.

**Aluminum weld flange 24 bolt pattern Part # : 150-05-300**

**Complete your high flow fuel system with Nuke Performance Full Flow series fuel lines, hose ends, and fittings**

Nuke Performance offers a wide variation of both PTFE and nitrile fuel line systems for your every fueling need. The lightweight fuel cell fill plate replacements from Nuke Performance are a perfect match to the Nuke Performance Full Flow-series fuel lines. Available in AN-4 to AN-12 and in a wide variation of available fittings and accessories. And with the handy selection of fuel line tools, it has never been as easy to assemble your fuel system.

**Made in Sweden with high demands from worldwide motorsports**

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Co-developed with worldwide motorsports teams, it has become a common sight in motorsports such as time-attack, drifting, and GT racing. Saving weight is often equally important as chasing horsepower, and for several of our customers, they have been able to perform weight savings of more than 10kg by upgrading to our compact and lightweight solution. The Nuke Performance CFC Unit - Competition Fuel Cell Unit, with integrated fuel surge tank, is a perfect fit for aftermarket fuel cells and is designed, developed, and manufactured in Sweden with the highest possible quality, with the same hallmark as the other parts in the lightweight Nuke Performance motorsports range.

**There is no substitute for the quality of Nuke Performance.**

#### **Nuke Performance CFC Unit for ATL fuel cells specifications**

For more information about CFC Unit specifications, view the product manual.

**High profile CFC Unit Part #** 150-05-203

**Minimum mounting depth** 197mm (7.75")

**Mounting bolt pattern** 6x10" 24-bolt pattern

**High-pressure fuel pump connector** 6mm x 3 (max 125 ampere / each)

**Pickup fuel pump connector** 6mm x 2 (max 125 ampere / each)

**Length** 295mm (13.74")

**Width** 194mm (9.88")

**Weight** 2254g (4.96lb)

**Fits number of lift fuel pumps** 1 x brushed fuel pump

**Fits number of high-pressure pumps** 2 x brushed fuel pumps

**Fuel compatibility** Gasoline, Methanol, Ethanol, E85

**Fits additional venturi lift kit** NO

**Internal surge tank volume** Approximately 2 liter (0.53 gallons)

**Outlet port, thread** AN-10 ORB, view range

**Return port, thread** AN-8 ORB, view range

**Vent valve, thread** AN-8 (3/4 UNF), view range

**Vent valve fitting included** AN-8 (3/4 UNF) to AN-6 Male

**For motorsports use** YES

#### **High-profile CFC Unit for ATL fuel cells includes:**

1 x Nuke Performance CFC Unit - high profile version (for ATL fuel cells)

5 x 6mm (M6) electrical connection points

2 x 1/4" BSPP to Male barb 8 mm hose fittings

1 x 1/4" BSPP plug, when using only one high-pressure fuel pump

1 x Viton gasket for 24 bolt pattern fuel cells (safe for alcoholic fuels)

1 x Low profile filler cap (remote fill neck available as accessory)

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- 1 x Dual billet fuel pump bracket and adjustable pickup pump mount
  - 1 x AN-8 (3/4 UNF) to AN-6 Male vent safety valve
  - 1 x FLS spacer, used for fuel level senders with a not symmetrical bolt pattern

**No modification needed before installation**

The new high-profile version of the Nuke Performance CFC Unit requires no modifications to an ATL or Fuelsafe fuel cell before installation.