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Nuke Performance AluCell Fuel Cell 45L with the Nuke Performance CFC Unit

Cena brutto	**6 319,99 zł**
Cena netto	**5 138,20 zł**
Dostępność	**Na zamówienie**
Numer katalogowy	**331504727**
Kod producenta	**NP-150-07-151**

Opis produktu

AluCell Aluminum Fuel Cells, a lightweight and affordable fuel cell combined with the Nuke Performance drop-in surge tank, the CFC Unit.
This product offers an affordable solution for those who do not require FIA approval for professional racing, but still want all the benefits from the Nuke Performance CFC Unit. The drop-in fuel pump hanger with integrated surge tank provides this functionality featuring:

20 / **40** / **45**WC / **60** / **80 liter** aluminum fuel cell
Integrated **2.0 liter Fuel Surge Tank** function
Safe for all types of fuels, including E85
Integrated brackets for easy and secure mounting
Fits single or dual **high-pressure fuel pumps**
A single oversized AN-10 ORB outlet, for maximal flow
NEW : Available in a new **45 liter Well Cell version**
Low-profile fuel filler cap with **integrated roll-over valve**

The Nuke Performance AluCell fuel cells are suitable for carburetor-based fuel systems and with the integrated CFC Unit from Nuke Performance. They eliminate the need for an external surge tank which would otherwise be needed when running a fuel cell, making it a perfect alternative for fuel-injected systems. The AluCells are made of the highest quality aluminum for use with all types of fuels and are approved for petrol, methanol, and ethanol.

Integrated 2 liter surge tank, billet fuel pump hanger for 1-2 fuel pumps
The AluCell aluminum fuel cells come delivered with the Nuke Performance CFC Unit as a fill plate replacement. The unique CFC Unit from Nuke Performance is the perfect solution for a simplified high-performance fuel system where simplicity and durability are paramount. This setup eliminates the need for a space-consuming external surge tank. With all the needed fuel pumps mounted within the fuel cell itself, this is the only thing you need. This frees up space and weight and increases safety as fewer fuel line fittings are necessary and no external fuel pumps are used.

Internal high-pressure fuel pumps, for any need between 200 - 2000hp
The AluCell is delivered with the unique Nuke Performance CFC Unit with an integrated Fuel Surge Tank function 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 GST450/GST520, Bosch BR540 and Aeromotive Stealth 450. Thanks to the internal surge tank, this solution is ready to deliver steady fuel flow for demands anywhere between 200-2000 horsepower without fuel starvation, even during demanding driving conditions.

The CFC Unit fits 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.

How to mount fuel pumps within the AluCell fuel cell and surge tank?
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, download the product manual. The 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.

Our wide variety of fittings and fitment possibilities suits your every need for fuel delivery within an aftermarket fuel system
The Nuke Performance CFC Unit - Low profile Competition Fuel Cell Unit, with an integrated fuel surge tank, is now equipped with ORB threads instead of the UNF threads they used in the beginning. The AN-10 ORB outlet port and the AN-8 ORB return port let you choose from various available ORB 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

NEW : The Fuel Cell Vent Kit AN-6 fits straight to the vent valve of the CFC Unit for easy installation
The CFC Unit is equipped with a roll-over protected AN-8 (3/4 UNF) to AN-6 Male vent fitting, and the easiest way to route the vent line into a safe and functional position is to accommodate a fuel cell vent kit from Nuke Performance. Available in several sizes, from AN-6 to AN-12, you can choose the kit that suits your needs the best. If you want to use a larger vent line than AN-6, you also need to swap the fitting on the vent valve. The vent kit is delivered with a 1m (3.3ft) nitrile fuel hose and a universal air filter that prevents debris to get into your fuel system.

Aluminum lightweight 20 / 40 / 45 / 60 / 80-liter fuel cell with integrated brackets
To enable the highest possible quality, the AluCells are made out of two pieces of aluminum and are automatically welded by a 5-axis welding robot. Each one is individually pressure tested before surface treatment to ensure maximal functionality and CE marking requirements specifications. With the use of high corrosion resistance aluminum (5083 H111), it does not need any internal anodizing or powder coating that gets affected by alcoholic fuels such as ethanol. This prevents damage to your injectors and filters when the coating dissolves. Some color shading can occur on the inside of the fuel cell over time, especially when in use with alcoholic fuels, but this does not affect its functionality. Choose between the 20-liter (5.28 gallons), 40-liter (10.56 gallons), 45-liter "Well cell" (11.88 gallons), 60-liter (15.85 gallons), and 80-liter (21.13 gallons) versions.

Developed, designed, and manufactured in Sweden
Developed and designed in Sweden, in-house by Nuke Performance. The Nuke Performance Competition Fuel Cell Unit and AluCell fuel cells are of the highest possible quality and have the same hallmark as all the other lightweight motorsports products from Nuke Performance. The parts from Nuke Performance are co-developed with worldwide motorsports teams, making sure that functionality, as well as the design, meets the absolute highest standards, or even creating a standard of its own.
Order our affordable and handy all-in-one fuel cell solution and experience the convenience and performance of our easy-to-install AluCell fuel cells.

There is ni substitute for the quality of Nuke Performance.

AluCell Specifications
For more information about specifications, view the product manual.

20 liter AluCell Part #	150-07-021
Length	330mm (12.99”)
Depth	330mm (12.99”)
Height	260mm (10.23”)
Weight	6830g (15.05lb), incl. CFC Unit
Fuel capacity	20-liter (5.28 gallons)
For motorsports use	YES
Homologation	NO
EAN	7340209500349
40 liter AluCell Part #	150-07-041
Length	555mm (21.85”)
Depth	377mm (14.84”)

Height	251mm (9.88”)
Weight	9050g (19.95lb), incl. CFC Unit
Fuel capacity	40-liter (10.56 gallons)
For motorsports use	YES
Homologation	NO
EAN	7340209500356
45 liter "WellCell" Part #	150-07-151
Length w.o/w flange	528/630mm (20.79/24.80”)
Depth w.o/w flange	498/560mm (19.60/22.05”)
Height	225mm (8.86”)
Weight	10850g (23.92lb), incl. CFC Unit
Fuel capacity	45-liter (11.88 gallons)
For motorsports use	YES
Homologation	NO
EAN	7340209506990
60 liter AluCell Part #	150-07-061
Length	577mm (22.71”)
Depth	555mm (21.85”)
Height	250mm (9.84”)
Weight	11950g (26.34lb), incl. CFC Unit
Fuel capacity	60-liter (15.85 gallons)
For motorsports use	YES
Homologation	NO
EAN	7340209500363
80 liter AluCell Part #	150-07-081
Length	577mm (22.71”)
Depth	555mm (21.85”)
Height	320mm (12.59”)
Weight	13520g (29.80lb), incl. CFC Unit
Fuel capacity	80-liter (21.13 gallons)
For motorsports use	YES
Homologation	NO
EAN	7340209505498

AluCell Fuel Cell Kit includes:
1 x AluCell Aluminum fuel cell 20-liter / 40-liter / 60-liter / 80-liter
1 x Nuke Performance CFC Unit - low profile version
2 x 1/4" BSPP to Male barb 8mm hose fittings
1 x 1/4" BSPP plug, when using only one high-pressure fuel pump
2 x 39mm inserts for high-pressure fuel pump bracket
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)
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
24 x 1/4-28 UNF x 1 bolts with nylon washers

Instruction PDF