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Pyrotect Elite 17 gallons / 64,35 liter with the Nuke Performance CFC Unit

Cena brutto	**12 399,00 zł**
Cena netto	**10 080,49 zł**
Cena poprzednia	~~**13 574,38 zł**~~
Dostępność	**Na zamówienie**
Numer katalogowy	**331140467**
Kod producenta	**NP-150-06-17**

Opis produktu

Pyrotect PyroCell Elite fuel cells are lightweight FIA / FT3 Approved for all major racing and motorsports associations.

Ultra-durable double coated urethane fabric bladder delivered with the Nuke Performance CFC Unit - drop-in fuel pump hanger with integrated surge tank functionality. The most efficient and lightweight solution on the market, used by worldwide motorsports teams and safe for all alcoholic fuels such as ethanol.

- Extremely lightweight fuel cell
- FIA Approved for all type of motorsports
- 100% E85 Approved
- Urethane fabric bladder, for motorsports use
- Available in several sizes, for all needs
- Integrated 2 liter Fuel Surge Tank function
- Fits single or dual high-pressure fuel pumps
- Low profile fuel filler cap with integrated roll-over valve
- AN-10 outlet / AN-8 return, fittings included

The high-quality PyroCell Elite fuel cells from Pyrotect is the top of the line fuel cells made out of ultra-durable double coated urethane fabric and with internal foam baffling and with the integrated CFC Unit from Nuke Performance, which 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. The fuel cell is safe for all types of fuels, including ethanol, and methanol.

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

The Pyrotect Elite Fuel Cell with the Nuke Performance CFC Unit comes delivered with the unique Nuke Performance Competition Fuel Cell Unit as a fill plate replacement. 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. With all the needed fuel pumps mounted within the fabric fuel bladder 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 Pyrotect Elite Fuel Cells are delivered with the unique Nuke Performance CFC Unit with an integrated Fuel Surge Tank and Fuel Pump Hanger function and fit 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 Deatscherks DW400, Walbro GST400/450/520, Bosch BR540, and Aeromotive Stealth 450. One fuel pump is mounted within the fuel cell, mounted to a height-adjustable aluminum mount, and one or two fuel pumps mount to a billet aluminum mount within the 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 thanks to the internal surge tank and the Pyrotect internal foam baffling.

The Pyrotect Elite Fuel Cell with the Nuke Performance CFC Unit fits 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 Pyrotect Pyrocell Elite?

The single fuel pump mounted in the fuel bladder 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 sufficient 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 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.

Delivered with all fittings you need for a quick and easy installation

The Nuke Performance CFC Unit comes with both an AN-10 (7/8 UNF) to AN-8 Male and AN-10 Male fitting to choose from, as well as an AN-8 (3/4 UNF) to AN-8 Male return fitting. The use of the oversized, high-flow AN-10 outlet combines the internal fuel pumps into one single fuel line and minimizes the need for external equipment, hoses, and fittings. The rollover protected vent fittings are of AN-6 and can be swapped for AN-6 to AN-10 when needed. Additional AN-6 to AN-12 fittings are sold separately as accessories.

Outlet fittings :

AN-10 (7/8 UNF) to AN-8 Male Part # : 700-01-116

AN-10 (7/8 UNF) to AN-10 Male Part # : 700-01-116

AN-10 (7/8 UNF) to AN-12 Male Part # : 700-01-116

Return and Vent fittings :

AN-8 (3/4 UNF) to AN-6 Male Part # : 700-01-101

AN-8 (3/4 UNF) to AN-8 Male Part # : 700-01-102

AN-8 (3/4 UNF) to AN-10 Male Part # : 700-01-103

Full foam baffling and durable double coated fabric bladder

The American made Pyrotect Elite fuel cells come with modified internal foam baffling from the fabrication line, modified to the needs of mounting the Nuke Performance CFC Unit. The durable urethane bladder, wrapped in a lightweight aluminum housing, is much safer than simpler solutions such as saver cells and welded aluminum cells. The Pyrotect Elite series are among the safest fuel cells on the market today and developed from a long history of professional motorsports. Equipped with Ultra Durable Double Coated Urethane Fabric Bladder and aluminum container, it is available in several different sizes, from 8 to 26 gallons (30 to 98 liters). And with the Nuke Performance CFC Unit, the only thing you need between the fuel cell and the engine is a fuel filter, just as in a stock fuel setup. The internal bladder is fully safe for all types of fuels, but if being used with alcoholic fuel it should not be left for long time storage without being rinsed with non-alcoholic fuel first.

Developed, designed, and manufactured in Sweden

The Pyrotect Elite Fuel Cell with the Nuke Performance CFC Unit is delivered in a perfect combination with the modern bladder type fuel cell from Pyrotect and the unique CFC Unit from Nuke Performance that is developed, designed and manufactured in Sweden and 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!

Manufactured to order, delivery time approx 3 weeks

All Pyrotect fuel cells are manufactured to order, this makes it possible to guarantee the current FIA approval and prevents that you get your hands on an old and stored bladder. Delivery time is around 3 weeks after the order is placed.

The Nuke Performance and Pyrotect fuel cells is an official and international collaboration between the two manufacturers. The fuel cells from Pyrotect that are made specifically for the CFC Unit has been branded with both brands. If you order a fuel cell directly from Pyrotect, make sure to tell them that it is meant to be used with the Nuke Performance CFC Unit.

Pyrotect Elite Fuel Cells CFC Unit Kit includes:

1 x Pyrotect Elite fuel bladder, select size when placing order
1 x Pyrotect FIA approved aluminum lightweight container
1 x Nuke Performance Competition Fuel Cell Unit
1 x AN-10 (7/8 UNF) to AN-10 Male outlet fitting
1 x AN-8 (3/4 UNF) to AN-8 Male return fitting
1 x AN-8 (3/4 UNF) to AN-6 Male vent safety valve

Pyrotect Elite Fuel Cell Specifications

8 gallon fuel cell Part #	150-06-08
Length	527mm (20.75”)
Depth	308mm (12.12”)
Height	219mm (8.62”)

Weight	N/A, including CFC Unit
Fuel capacity	30,28 liter (8 gallons)
Fuel level sender	150-FLS-08 203 mm / 8"
10 gallon fuel cell Part #	150-06-10
Length	620mm (25.62”)
Depth	257mm (10.12”)
Height	257mm (10.12”)
Weight	N/A, including CFC Unit
Fuel capacity	37,85 liter (10 gallons)
Fuel level sender	150-FLS-09 228 mm / 9"
12 gallon fuel cell Part #	150-06-12
Length	502mm (19.76”)
Depth	437mm (17.20”)
Height	234mm (9.21”)
Weight	N/A, including CFC Unit
Fuel capacity	45,42 liter (12 gallons)
Fuel level sender	150-FLS-09 228 mm / 9"
15 gallon fuel cell Part #	150-06-15
Length	622mm (24.5”)
Depth	450mm (17.75”)
Height	241mm (9.5”)
Weight	N/A, including CFC Unit
Fuel capacity	56,78 liter (15 gallons)
Fuel level sender	150-FLS-09 228 mm / 9"
17 gallon fuel cell Part #	150-06-17
Length	511mm (20.12”)
Depth	435mm (17.12”)
Height	324mm (12.75”)
Weight	N/A, including CFC Unit
Fuel capacity	64,35 liter (17 gallons)
Fuel level sender	150-FLS-12 305 mm / 12"
18 gallon fuel cell Part #	150-06-18
Length	711mm (28.0”)
Depth	435mm (17.12”)
Height	251mm (9.87”)
Weight	N/A, including CFC Unit
Fuel capacity	68,13 liter (18 gallons)

Fuel level sender	150-FLS-09 228 mm / 9"
22 gallon fuel cell Part #	150-06-22
Length	864mm (34.0”)
Depth	445mm (17.5”)
Height	241mm (9.5”)
Weight	N/A, including CFC Unit
Fuel capacity	83,27 liter (22 gallons)
Fuel level sender	150-FLS-09 228 mm / 9"

No modification needed before installation

When ordered, the Pyrotect fuel cell gets manufactured to the specifications to fit the CFC Unit perfectly. The internal foam baffling is cut into perfect fitment for the pickup fuel pump and enough room for the internal surge tank. No modifications need to be performed to the fuel cell and it is delivered with all needed documentation for its FIA homologation.

Technical information :

- Included aluminum lightweight container.
- Delivered without top plate, ready for the CFC Unit.
- Ultra-durable double coated urethane fabric bladder.
- 24 bolt pattern 6x10" fill plate fitment.
- Delivered with the Nuke Performance CFC Unit.
- FIA / FT3-1999 approved.
- Safe for E85, needs to be drained if stored.
- No modifications need to be performed prior to installation.
- No fuel pumps is included.

FIA certification :

FIA certified fuel cells have a 5 year life, and can be recertified for a further 2 years up to a maximum of 7 years from the date of manufacture. Fuel Cells must be sent back to Pyrotect for recertification to take place. To comply with FIA regulations, the fuel cell bladder must be installed within the included aluminum container. The dimensions listed on our website is with the included container.

Custom designed Pyrotect fuel cells :

For custom designed Pyrotect fuel cells, contact us directly for a quote for a custom made fuel cell with an integrated Nuke Performance CFC Unit.

Measurements :

The bolt flange around the top lid is additional 25.4mm (1,00") per side, add this to listed measurements. Custom "shoebox" design is optional, contact us for custom order.

8 gallon (30,28 liter) fuel cell :

Length : 527 mm / Height : 219 mm / Width : 308 mm
Length : 20,75" / Height : 8,62" / Width : 12,12"

10 gallon (37,85 liter) fuel cell :

Length : 620 mm / Height : 257 mm / Width : 257 mm
Length : 25,62" / Height : 10,12" / Width : 10,12"

12 gallon (45,42 liter) fuel cell :

Length : 527 mm / Height : 241 mm / Width : 454 mm
Length : 20,75" / Height : 9,5" / Width : 17,87"

15 gallon (56,78 liter) fuel cell :

Length : 622 mm / Height : 241 mm / Width : 450 mm
Length : 24,5" / Height : 9,5" / Width : 17,75"

17 gallon (64,35 liter) fuel cell :

Length : 511 mm / Height : 324 mm / Width : 435 mm
Length : 20,12" / Height : 12,75" / Width : 17,12"

18 gallon (68,13 liter) fuel cell :

Length : 711 mm / Height : 251 mm / Width : 435 mm
Length : 28" / Height : 9,87" / Width : 17,12"

22 gallon (83,27 liter) fuel cell :

Length : 864 mm / Height : 241 mm / Width : 445 mm
Length : 34" / Height : 9,5" / Width : 17,5"

24 gallon (90 liter) fuel cell :

Length : 635 mm / Height : 346 mm / Width : 426 mm
Length : 25" / Height : 13,62" / Width : 16,75"

26 gallon (98 liter) fuel cell :

Length : 641 mm / Height : 438 mm / Width : 428 mm
Length : 25,25" / Height : 17,25" / Width : 16,85"