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ALUCell
ALUMINUM FUEL TANKS

Nuke Performance AluCell Fuel Cell 40l with Nuke Performance CFC Unit

Cena brutto	5 898,99 zł
Cena netto	4 795,93 zł
Dostępność	Na zamówienie
Numer katalogowy	331140481
Kod producenta	NP-150-07-041

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: 40 / 60 liter aluminum fuel cell Integrated 2 liter Fuel Surge Tank function 100% proof for petrol, methanol and E85 Integrated brackets for easy and secure mounting Fits single or dual high-pressure fuel pumps Single AN-10 Outlet and AN-6 vent safety valve Low profile fuel filler cap with integrated roll-over valve The Nuke Performance AluCell fuel cells are suitable for use with carburettor-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 is 100% proof for petrol, methanol and ethanol. Technical information : Competition Fuel Cell Unit: • CNC manufactured from aluminium alloy 6063. • Stainless steel bolts for long lasting function and appearance. • Surge tank holds a volume of approximately 2 liters. • Billet aluminium 6x10" plate with standard 24 bolt pattern. • Minimum mounting depth of 219mm. • All Viton o-rings and ethanol proof seals. • Outlet port : AN-10 (7/8 UNF), available as AN-8, AN-10 and AN-12 line. • Return port : AN-8 (3/4 UNF), available as AN-6, AN-8 and AN-10 line. • Vent port : AN-8 (3/4 UNF), available as AN-6, AN-8 and AN-10 line. • Delivered with 1x AN-8 (3/4 UNF) to AN-6 Male Vent, 1x AN-8 (3/4 UNF) to AN-8 Male, 1x AN-10 (7/8 UNF) to AN-8 Male and 1x AN-10 (7/8 UNF) to AN-10 Male fitting. Competition Fuel Cell Unit: • Corrosion resistance aluminum 5083 H111. • Welded by 5-axis robot from two piece aluminum sheets. • Integrated brackets, 4 x 8.5 x 23.5mm (0.33 x 0.92"). • Stainless steel 6x10" 24 bolt pattern flange. • Powder coated externals. • Safe for all type of fuels, including alcoholic fuels. Measurements : 40 liter AluCell Part # : 150-07-041 Length : 555 mm (21.85") Depth : 377mm (14.84") Height : 251mm (9.88") Weight : N/A, including CFC Unit Mounting holes : 8.5 x 23.5mm (0.33 x 0.92") Fits Fuel Level Sender : 150-FLS-09-02 (9" / 228mm) 60 liter AluCell Part # : 150-07-061 Length : 577 mm (22.71") Depth : 555mm (21.85") Height : 250mm (9.84") Weight : N/A, including CFC Unit Mounting holes : 8.5 x 23.5mm (0.33 x 0.92") Fits Fuel Level Sender : 150-FLS-09-02 (9" / 228mm) Included on package : 1 x AluCell Aluminum fuel cell 40liter (10.55 gallons) / 60liter (15.85 gallons) 1 x Nuke Performance Competition Fuel Cell Unit 1 x AN-10 (7/8 UNF) to AN-8 Male outlet fitting 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 * no fuel pump is included 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 of the utmost importance. 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 are 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. 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. The 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 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. Fuel Pump Mounting Kits : Learn more about fuel pump setup Additional Fuel Pumps : Explore our selection of fuel pumps 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 minimize 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 # : 700-01-112 AN-10 (7/8 UNF) to AN-12 Male Part # : 700-01-113 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 Aluminium lightweight 40 / 60 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 (often found in cheaper fuel cells) that gets affected by alcoholic fuels such as ethanol. This prevents damage to your injectors and filters when the coating dissolves. Choose between the 40-liter (10.56 gallons) and a 60-liter (15.85 gallons) versions. Developed, designed, and manufactured in Sweden The Nuke Performance Competition Fuel Cell Unit is developed, designed, and manufactured in Sweden by Nuke Performance for the highest possible quality with the same hallmark as all the other parts in our lightweight motorsports range. There is no substitute for the quality of Nuke Performance! AluCell Fuel Cell Kit includes: 1 x AluCell Aluminum fuel cell 40-liter (10.55 gallons) / 60-liter (15.85 gallons) 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 AluCell Specifications For more information about specifications, view the product manual. 40 liter AluCell Part # 150-07-041 Length 555 mm (21.85") Depth 377mm (14.84") Height 251mm (9.88") Weight N/A, including CFC Unit Fuel capacity 40-liter (10.56 gallons) 60 liter AluCell Part # 150-07-061 Length 577 mm (22.71") Depth 555mm (21.85") Height 250mm (9.84") Weight N/A, including CFC Unit Fuel capacity 60-liter (15.85 gallons)