

Link do produktu: <https://bizongarage.pl/uprated-intercooler-for-hyundai-i30n-p-40932.html>

## Uprated Intercooler for Hyundai i30N



Cena brutto	<b>4 352,43 zł</b>
Cena netto	<b>4 352,43 zł</b>
Dostępność	<b>Na zamówienie</b>
Numer katalogowy	<b>379176374</b>

### Opis produktu

- 129% more volume
- Huge power gains
- Massive torque improvements
- Fabricated in the UK
- Guaranteed for life
- Engineered in conjunction with [BTCC](#)

If you use a i30N for fast road or have a high performance tune in a hot climate, **this product is essential**. Utilising our industry leading bar and plate design alongside Solidworks CAD and flow simulation design (Computational Fluid Dynamics - CFD) to develop our high flow cast end tanks, the turbo side end tanks feature an internal divider to ensure the full volume of the stepped core is utilised.

The bar and plate core has over **129% more volume and an increase of frontal surface area over 71%** (over the stock cooler) meaning the Forge Motorsport intercooler is the largest currently available on the market. To ensure we deliver optimum cooling efficiency, the development team created a fabricated ducting system that has been skilfully integrated into the superior design of this product.

The inlet and outlet sizes have been increased in diameter to 65mm, giving an increase of 27% more volume over the stock cooler to give perfect flow. The development team also added a custom hard pipe increasing the diameter by 14 mm to 64mm - up from the factory 50mm. This replaces the stock factory pipe on the hot side to ensure this package gives you all you need for maximum performance gains on high levels of tune. The boost pipe and intercooler come in our standard black textured finish powder coat for maximum longevity.

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During our extensive testing, we let the car heat soak on the dyno until the radiator fans tripped on and off (which gives an inlet temperature of around 40°C), we then did a dyno pull from this point, in doing this it gives a more consistent result and reflects real-world driving conditions more accurately. You can easily see the Forge intercooler cools much quicker and delivers a much greater drop in temperature compared to OEM.

After more than six pulls on the dyno we still had super safe IATs and the Forge Motorsport intercooler gave results of 24°C, halving the factory's intercooler intake temps from 48°C. These tests took place in relatively cold conditions with an ambient dyno cell temperature of 15°C proving how inefficient the stock intercooler is. In the summer months, the stock intercooler along with higher inlet air temperatures will have a hugely negative impact on the engine's performance. In these conditions, the