Technology

X-PERT Z-3 ZOOM

[PAT.P.] **SF-15**

- Three material design for increased performance compared to standard split fins
- Enhanced Propeller-Fin® technology optimizes efficiency
- Multi-compound foot pocket increases power transfer to the blade
- Reinforced side-rails decrease blade separation and increase kick-style versatility and overall fin stability
- Optimized blade scoops increase water channeling and efficiency
- TUSA patented 27° Angled Blade Design Technology
- 10% longer blade length than SF-8 for enhanced propeller effect
- TUSA patented EZ Strap and Buckle System

size S / M / L

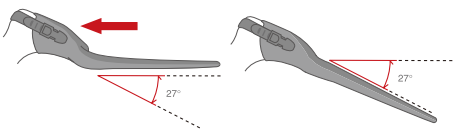
Color Availability

	BK	CBL	FY	WH	MDR	PP
S	●	●	●	●	●	●
M	●	●	●	●	●	●
L	●	●	●	●	●	–

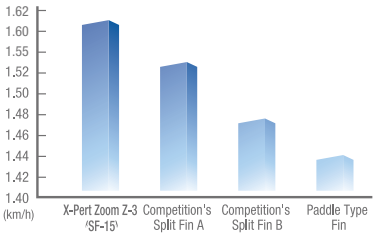
Features

• TUSA patented 27° Angled Blade Design Technology

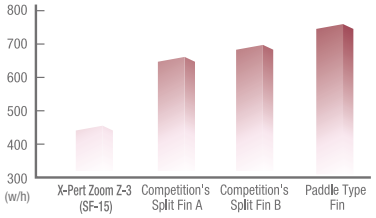
A standard flat fin inhibits propulsion solely by fault of design. An angle between the heel of the foot and the calf of the leg remains when the leg is extended to kick. This angle causes 10% of the propulsion to be lost. TUSA's patented 27°angled blade design employed on the SF-15 X-Pert Zoom Z-3 accommodates for this anatomical characteristic and ensures maximum efficiency throughout the kicking cycle. This means that 100% of the energy expended during the kicking phase is used for forward diver propulsion. Simply, TUSA's SF-15 X-Pert Zoom Z-3 maximizes the efficiency and performance of a split fin by combining the 27° technology with enhanced composite materials and a revolutionary blade design.



Speed Comparison Chart Graph 1



Energy Consumption Comparison Chart Graph 2



SAMPLE	speed (km/h)	energy consumption (w/h)
X-Pert Zoom Z-3 (SF-15)	1.61	451
Competition's Split Fin A	1.49	662
Competition's Split Fin B	1.44	690
Paddle Type Fin	1.40	779

REMARKS:
*The Robot was operated with the same power of the same distance.
*The weight of the Robot is 156 lbs (70kg).
*Less energy consumption means better efficiency.