

LABOSYSTEM
TECNILABO

TYPHOON NEXT

SIMPLY NEXTRAORDINARY



Developed in
collaboration* with



POLITECNICO
MILANO 1863

TYPHOONNEXT

EXTRA COMFORT • CONNECTED
• SMART • PERFORMANCE

SAFETY WITHOUT COMPROMISE

SUPERIOR SAFETY AND PERFORMANCE ENSURED BY RESEARCH*
CONDUCTED IN COLLABORATION WITH POLITECNICO DI MILANO

- Exceptional containment and expulsion capacity of harmful vapours, even under the most critical operating conditions
- Certified face velocity at 0.3 – 0.5 – 0.7 m/s (UNI EN 14175; UNI/TS 11710) to ensure maximum protection in every operational scenario
- Perfect adaptability to any laboratory, with CAV, VAV or fully manual control systems
- Total protection, with integrated management of under-bench safety cabinets and wide anti-explosion panels
- The front Status Light communicates the operating status in real time, ensuring safety at a glance



PERFORMANCE GUARANTEED

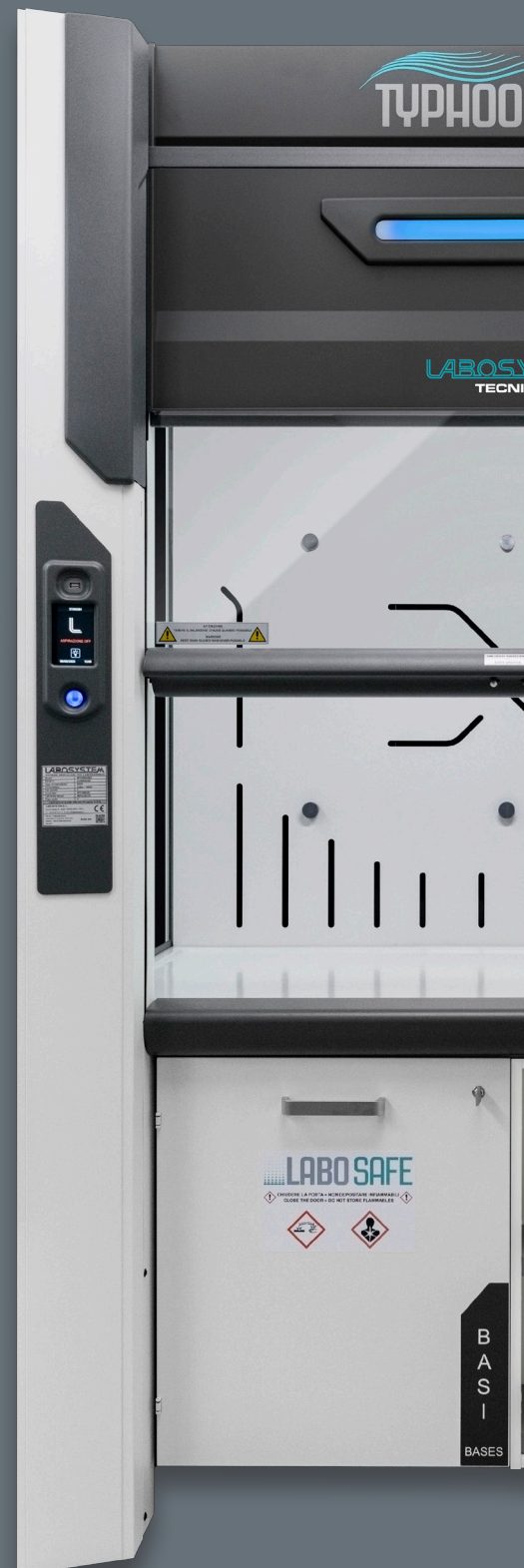
- Aerodynamic design that reduces pressure drops, cutting energy consumption and the need for powerful extractors
- The brushless fan option further increases energy efficiency and simplifies installation
- Digital airflow measurement that ensures full performance control
- Industry 4.0 ready, enabling remote monitoring and integration with SCADA/BMS supervision systems



INNOVATION BACKED BY RESEARCH

ERGONOMICS & COMFORT FOR THE USER

- Large side windows and adjustable LED lighting provide perfect visibility and reduce operator fatigue
- Makes use of every inch: the worktop is completely free and accessible
- Exceptionally quiet operation enhances acoustic and microclimatic comfort
- Intuitive controller, positioned at eye level, for immediate feedback and total function control
- Screw-free design, more than just an aesthetic detail, facilitates and speeds up cleaning and decontamination



HIGH PRECISION LASTING THROUGH TIME

- Built with high-quality materials to stand the test of time: steel, aluminium, tempered glass, and thick HPL
- High-precision mechanics ensure smooth and effortless sash movement



QUALITY CERTIFIED

- Uniqueness as a protected value: a model of excellence registered with the EUIPO safeguarding its form, structure, and materials
- Utility Model Patent No. 202024000001198

TYPHOONNEXT

LABOSYSTEM
TECNIPLAST company

ECONOMY DRIVE

ACIDIC
ACIDS



INNOVATION & SUSTAINABILITY

Typhoon Next was developed in collaboration with the Energy Department of Politecnico di Milano, which spent 24 months optimising every fluid-dynamic detail of the fume hood.

Typhoon Next delivers high containment safety, low noise levels, energy savings and stable airflow, all validated according to EN 14175 standards.

Typhoon Next promotes the reuse of its packaging, made of cardboard and wooden, as well as the refurbishment of electronic components, reducing environmental impact while maximising sustainability and efficiency.

**RECYCLABLE
UP TO 85%
in weight***

*Computed on total weight, electronic components and non-separable composite materials excluded

**3.020
Kg CO₂e****

**Value per product unit, cradle-to-gate calculation mode





TECHNICAL SPECIFICATIONS

Code	Description	Max flow rate (**) (m ³ /h)	Front speed (m/s)	Ø Exhaust duct	Internal dimensions L x P x H	External dimensions*** L x P x H	Working surface dimensions L x P	Peso (kg)
WN5001S	Typhoon Next 1200	480 810 1.134	0,3 0,5 0,7	160/200 200 200/250	1200x750x1230 mm 47.24x29.53x48.43 in	1250x1050x2500 mm 49.21x41.34x98.43 in	1200x750 mm 47.24x29.53 in	250
WN5002S	Typhoon Next 1500	648 1.080 1.512	0,3 0,5 0,7	200 200/250 250	1500x750x1230 mm 59.06x29.53x48.43 in	1550x1050x2500 mm 61.02x41.34x98.43 in	1500x750 mm 59.06x29.53 in	290
WN5003S	Typhoon Next 1800	810 1.350 1.890	0,3 0,5 0,7	200/250 250 250/315	1800x750x1230 mm 70.87x29.53x48.43 in	1850x1050x2500 mm 72.83x41.34x98.43 in	1800x750 mm 70.87x29.53 in	330
WN5004S	Typhoon Next 2100	972 1.620 2.268	0,3 0,5 0,7	250 250/315 315/350	2100x750x1230 mm 82.68x29.53x48.43 in	2150x1050x2500 mm 84.65x41.34x98.43 in	2100x750 mm 82.68x29.53 in	370

Available models with lowered worktop (synthesis) or without worktop (walk-in)

**With sash in working position

*** With sash fully raised: +200 mm (H) / +7.9 in (H)

Utility Model Patent No. 202024000001198

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*research project: "Characterization of fluidodynamic behavior and performance of laboratory fume hoods"

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COMPANY CERTIFIED ISO 9001 AND ISO 14001

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