

Customised for:
**Welding
environments**

Maximum airflow:
4100 m³/h

Air intake area:
0,80 m²

Installation options:
**Ceiling, wall, or
floor**

Njord XP-2 Welding Edition

The Njord XP-2 Welding Edition is a high-performance and energy-efficient air purifier designed for welding and metalworking environments where welding fumes, metal particles and grinding dust are present.

With the Njord XP-2 Welding Edition, welding fumes, metal particles and other airborne contaminants are effectively removed, creating a healthier working environment for personnel, machinery and production. It serves as an important complement to respiratory protection and source extraction, and also safeguards staff outside the immediate work zone.

Like the Njord XP-2, the unit features dual air intakes with a maximised filtration area, two-stage filtration and constant airflow control, ensuring high and consistent filtration efficiency over time.

The construction is robust yet significantly lighter than many conventional units. It can be ceiling-mounted, wall-mounted or floor-standing to optimise clean air distribution and airflow based on the facility's layout and production processes. The Njord XP-2 Welding Edition is equipped with Njord Connect™ Core – a wireless control system that enables programming, scheduling and monitoring for cost- and energy-efficient operation over time. Altogether, the Njord XP-2 Welding Edition contributes to a cleaner working environment, reduced exposure to welding fumes and particles, and improved working conditions for everyone in the facility.

Features:



Njord Connect™
Wireless control, operation monitoring and programming.



Alarm function
Automatic notification when filters need to be replaced.



Energy-efficient, certified filters
High-quality filters, certified according to ISO 16890 or EN 1822.



Njord Constant Flow™
Consistent and high Clean Air Delivery Rate (CADR) ensures the same amount of purified air over time.



Timer function
Programmable timer for multiple operating modes.



Upgradeable
The air purifier can be upgraded for molecular/gas filtration according to Eurovent 4/203-218.9.



Two-stage filtration
Dual filters for each air intake, including welding-adapted metal filters (spark protection filters).



Filter class flexibility
Tailored filter combinations for maximum air purification and operational efficiency.



Fast and flexible installation
Fully standalone system that can be mounted on the ceiling, on a wall, or placed on the floor.



Approved for sprinkler systems
Meets general requirements for ceiling installation under sprinkler systems.



Lightweight and compact design
Significantly lighter than other air purifiers. Weighs only 42 kg.



Plug and go
Operates from a standard 230 V outlet.

NJORD

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Customised for: industrial facilities with welding operations.

Technical specifications Njord XP-2 Welding Edition

Air purification volume at optimal operation ¹ :	3200 m³/h
Maximum airflow ² :	4100 m³/h
Air intake:	2 (dual side)
Total air intake area:	0.8 m² (2 × 0.4 m²)
Two-stage filtration:	YES
Filter:	Up to H14 (ISO 16890 or EN1822)
Dimensions (W×D×H):	950 × 800 × 540 mm
Weight:	42 kg
Electrical:	230 V, 50/60 Hz, 4.5 A, EC motor
Motor power:	1 kW
Power consumption at optimal operation:	~ 280 W
Noise level ³ :	30–55 dB(A)
Material:	Recycled aluminum
Installation options:	Ceiling, wall, or floor
Approved for sprinkler systems ⁴ :	YES
Constant airflow control ⁵ :	YES

¹Air purification volume providing the best balance between efficiency, energy use, and noise level. ²Indicates maximum airflow capacity. Actual airflow during operation will be lower due to filter resistance, noise level, energy consumption, and environmental conditions. ³Depends on airflow speed. ⁴Meets general requirements for ceiling installation under sprinkler systems. ⁵Delivers the same volume of clean air over time.

Energy-efficient operation
 Energy-efficient technology and smart wireless control ensure optimal performance with minimal energy consumption.

Dual-side air intakes
 Optimised air intakes, one on each side, with a total air intake area of 0.8 m² (2 × 0.4 m²).

Air outlet
 The clean air outlet can be configured for custom air distribution units.

Sustainable and lightweight design
 Lightweight unit made of recycled aluminum.

Plug and go
 Operates from a standard 230 V outlet.

Two-stage filtration
 Dual filters on each air intake for optimal air purification.

Spark protection filter
 Welding-adapted metal filters.





Njord UV-C
 Elimination of harmful microbes using UV-C technology.



Njord Ionization
 Elimination of unpleasant odors using ionization technology.



Njord Safe-Zone™
 Tailored solutions for defined zones of clean and healthy air.



Njord Silencers
 Units for sound reduction that minimize airflow noise.



Njord Connect™ ECO+
 Optimized remote control of the air purifier with real-time data.