

ARC Flash PPE

The inventors of the first grey arc flash face shield



 **Made in Germany**

The kits

TWO HOODS · ONE PERFORMANCE CLASS

KIT 01 · ARC 4 · APC 2

BSD Power Kit with BSD Safe Lift Hood

40 cal/cm² · Art.-No. 410042X



PROPERTIES

- Made from ultra-lightweight IFR fabric at only 410 gsm / 12 oz
- BSD Safe Lift Hood 40, easy to lift
- Optional easy-to-integrate ventilation unit
- Lamps with adapter available
- Tested in direct exposure
- Trousler legs with adjustable width for easy putting on and taking off
- Gloves made from goatskin
- FR Denim for shrinkage control

CONTENT

Hood · Jacket · Bib overall · Gloves · Bag

KIT 02 · ARC 4F · APC 2

BSD Power Kit with fixed style hood

40 cal/cm² · Art.-No. 410041X



PROPERTIES

- Also available with the traditional fixed style hood
- The BSD ventilation system fits this hood as well
- An optional light is also available
- Tested at 45 cal/cm² in direct exposure
- Same ultra-lightweight IFR fabric platform
- Proven, robust hood geometry

CONTENT

Hood · Jacket · Bib overall · Gloves · Bag

Fresh air. Proven.

BSD VENTILATION UNIT

FRESH AIR WHEN WORKING WITH HOODS

BSD ventilation units are optional — but recommended.

Based on our latest research we recommend to always use a ventilation unit when working with a hood. Arc Flash tested: we put our ventilation unit to the ultimate test with a direct exposure of 45 cal/cm².

UNIT



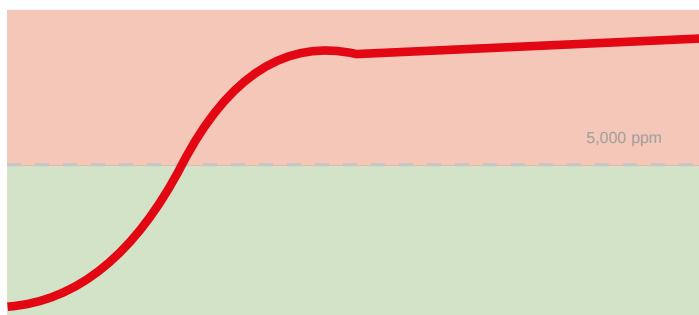
IN USE



-82.7 %

less CO₂ inside the hood
with BSD Ventilation Unit, vs. unventilated wear.

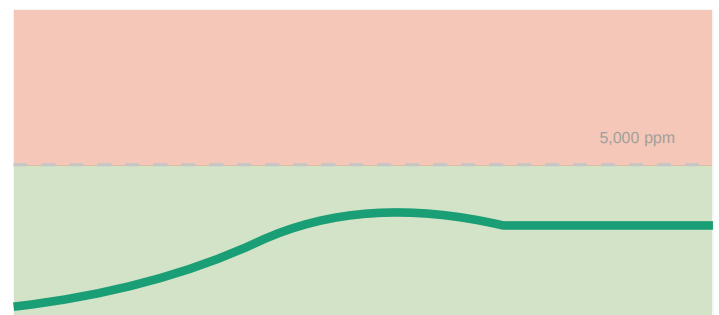
● Without ventilation



Peak 13,300 PPM

~70 s · stays 3 min

● With ventilation



Steady 2,300 PPM

~90 s · stable



WATCH THE TEST
Ventilation unit at 45 cal/cm²
Full video documentation

BSD ARC Safety

FOUR PILLARS · ONE FOUNDATION



Products



Training



Consulting



Arc Test Lab

WHY BSD

Built on Trust. Proven in Practice.

When it comes to arc flash protection, there's no room for compromise. With over 30,000 electricians trained, we don't just manufacture PPE — we listen to the people who wear it every day. Real-world feedback from real professionals flows directly into our product development. Thanks to our own arc flash test lab we develop and verify PPE faster and more precisely than anyone else. And with our in-house Arc Flash Studies, we help you select exactly the right protection for your specific risk — nothing more, nothing less. Your safety. Our expertise.



IMAGE FILM

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