

ABICOR BINZEL xFUME® PRO EXTRACTION TORCH



DESCRIPTION

The fume extraction torches xFUME® PRO from ABICOR BINZEL are part of a high vacuum system, in which a low volume flow passes at high negative pressure. Compared to a low vacuum system, the static pressure as well as the velocity of the extracted air is higher.

The welding fumes produced in the process are collected and conveyed through the extraction hose into the mobile extraction unit. The integrated filter ensures that dirt particles are collected and retained and clean air is returned to the environment.

With extraction at the source, as with the xFUME® PRO extraction torches, between 90% and 99% of harmful particles are absorbed and filtered out – depending on the torch position. However, with extraction at the source there is often the concern that too much inert gas is extracted.

In order to be able to adjust the extraction rate more precisely, the handle of the xFUME® PRO fume extraction torches is equipped with an easy-to-operate external air slider control. Thus, in combination with a suitable mobile fume extraction unit, sufficient protective gas coverage is guaranteed at all times.

FEATURES

- 10 % more power
- 20 % less weight
- Significantly improved ergonomics
- Better accessibility and clarity
- Improved stability and robustness
- Flow-optimized interior design
- Reduced gas loss due to optimized front end
- Uses the same parts as the xFUME® series
- Optional short or long button
- Conforms to standard DIN EN ISO 21904

PART NUMBERS

Model	Hose Length	Part No.
xFUME PRO 24	4m	612.0127.1
xFUME PRO 24	5m	612.0128.1
xFUME PRO 36	4m	614.0262.1
xFUME PRO 36	5m	614.0263.1
xFUME PRO 501	4m	634.0207.1
xFUME PRO 501	5m	634.0208.1

TECHNICAL SPECIFICATION

Model	xFUME® PRO 24	xFUME® PRO 36	xFUME® PRO 501
Cooling	air cooled	air cooled	liquid cooled
Rating			
CO2	270 A	330 A	500 A
Mixed gases M21*	250 A	300 A	450 A
DC (%)	60	60	100
Wire Ø (mm)	0.8 - 1.2	0.8 - 1.2	1.0 - 1.6
Volume flow m3/h			
Extraction nozzle	70	58.7	58.7
Connector	92.8	75.8	81.3

AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT