EXTRACTION ARMS

MEX AA

Telescopic extraction arm with low pressure drop, suitable for atomic absorption devices, for example



FUMEX

PURE ADVANTAGE



FUMEX MEX AA offers the following pure advantages:

- Designed for hot pollutants
- Flexible and positionally stable
- Easy assembly and adjustment
- Easy to combine with other extractors in the same system

Telescopic extraction arm for airborne pollutants at high temperatures



FUMEX MEX AA - a reliable, user-friendly extraction arm, developed to capture airborne pollutants at high temperature, for example from an atomic absorption spectrophotometer.

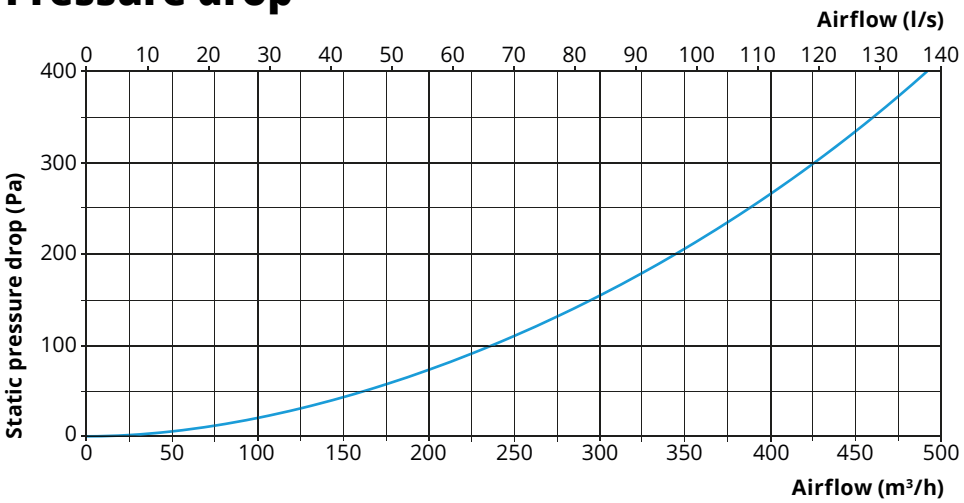
The extraction arm is available with a round hood (MEX AAR) or rectangular hood (MEX AAF) and is designed to withstand high temperatures. All parts that come into contact with the pollutants at high temperatures are made of stainless steel EN 1.4404 (316L), ensuring a long life with a high level of safety in the laboratory environment.

The 440 mm telescopic movement makes it easy to adjust the working position, and with heat-resistant Teflon rings and a stable locking device, the hood always stays in place where it is needed.

MEX AA comes as standard with a horizontally adjustable wall bracket and a 1500 mm flexible hose (up to 250 °C) for direct connection to the ventilation system. For laboratories requiring a different mounting, a ceiling bracket is also available as an option.

With its robust construction and smart design, MEX AA combines safety, flexibility and ease of use – a solution that meets the high demands of modern laboratory operations.

Pressure drop



Mixed air

To avoid damage or other disturbance of materials further down the airstream, it is recommended to extract a proportionally large volume of the ambient room air to lower the temperature of the exhaust air.

Example:	**m³/h**	**°C**
Air from atomic absorption equipment:	10	1000
Room air:	70	20
Mixed air (extracted air)**:**	**80**	**~100**

Product page
C 600HT



Customised stainless steel fan

FUMEX C 600HT – A stainless steel radial fan (EN 1.4301) for working temperatures up to 200°C. The fan is suitable for both industrial and laboratory environments, and can be installed either indoors or outdoors. Direct drive with motor temperature barrier. The C 600HT is available in both single-phase and 3-phase versions and is optimised for use in conjunction with the Fumex extraction arm and automatic control range.

3D project drawings

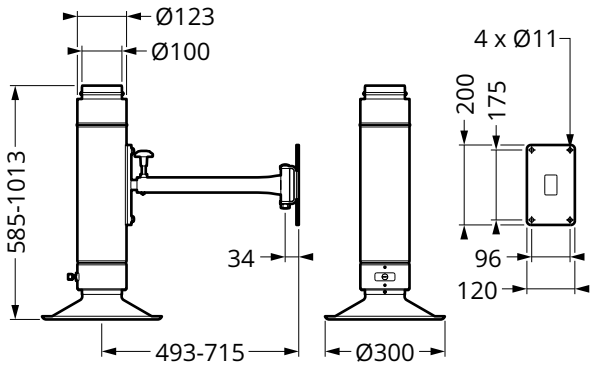
Support for designing your unit is available at **www.fumex.com.** You will find our CAD drawings for download there. Scan the QR code or visit our website.



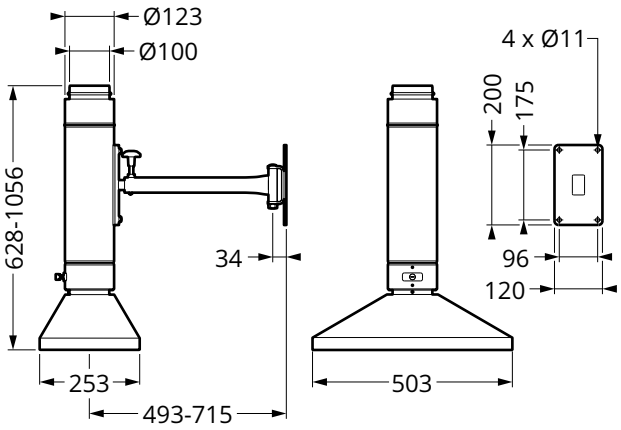
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CAD

Dimensional drawing (mm)

MEX AAR (Round hood)



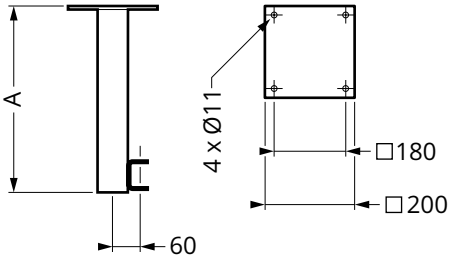
MEX AAF (Rectangular hood)



Accessories

Ceiling bracket TIX A
Made of anodised aluminium and powdercoated sheet steel. See table for lengths.

TIX A	500	750	1000	1250	1500
A (mm)	500	750	1000	1250	1500



Specifications

Form of delivery
The extraction arm is delivered partially assembled with a hose and wall bracket for easy installation.

Weight
MEX AAR: .....7,2 kg
MEX AAF:.....7,9 kg

Sliding lining
Material:.....PTFE
Temperature range: .....-30 °C to 300 °C

Hose
Material:.....Aluminium, polyester
Temperature range: .....-30 °C to 250 °C
Dimension: .....Ø 125 mm

Surface finish
Stainless steel: .....EN 1.4404 (316L)
Steel sheet:.....Powder-coated
Aluminium: .....Anodised

FUMEX

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