MOVEX® ME

The optimal design for laboratory extractors

With its optimal design, the Ø 3" MOVEX ME has a very low pressure drop, which gives many valuable benefits.

- Low pressure drop always saves energy.
- Ventilation noice is reduced.
- Lower pressure drop is achieved without selecting a larger diameter extractor.
- Lower pressure drop will allow the ME to be integrated into extractor systems together with other extract devices.

MOVEX® ME

Always choose low pressure drop

The lowest possible pressure drop is a quality aspect that should always be considered.

With its uniquely designed joint construction, MOVEX ME combines maximum flexibility with low pressure drop. Because the air passes through the joints without creating unnecessary turbulence, the variation in pressure drop between an extractor in a working position and a fully retracted extractor is minimal.

The low pressure drop of MOVEX ME gives several advantages:
- Low pressure drop always saves energy.
- Ventilation noise is reduced.
- Lower pressure drop is achieved without selecting a larger diameter extractor.
- Lower pressure drop will allow the ME to be integrated into extractor systems together with other extraction devices.

Material description

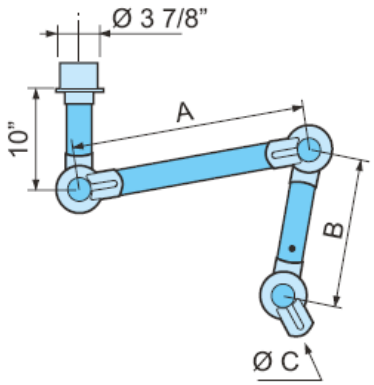
Friction joints
Ball-bearing-equipped adjustable friction joints in polypropylene (PP) with guide ring of low-friction treated rubber.
Support springs and other component parts in zinc-plated steel or stainless steel.

Tubes
Made from thin-wall anodized aluminum, alternatively from polypropylene. Air-tight damper supplied as standard.

ATEX
Joints and tubes in conductive polypropylene, used for extraction of contaminants in explosive environments. In compliance with ATEX directive 94/9/EC.

Extractor Arm Model # MET 1300-75EX

Designation				Dimensions (inch)			Weight
Standard	PP	ESD	ATEX	A	B	Ø C	lb
MET 1300-75	PP	ES	EX	22	18	3	5.7

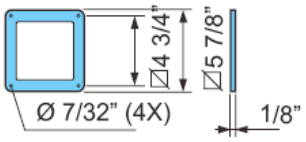


Escutcheon Plate Model # MTI-CT EX

Escutcheon plate MTI CT

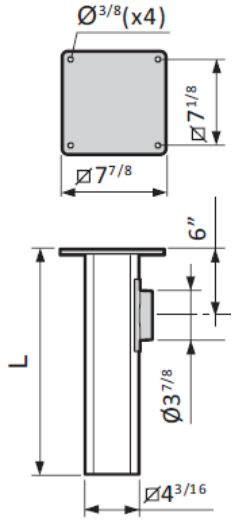
Designation for model 2 and 3 inch		Weight oz
MTI CT		1.75

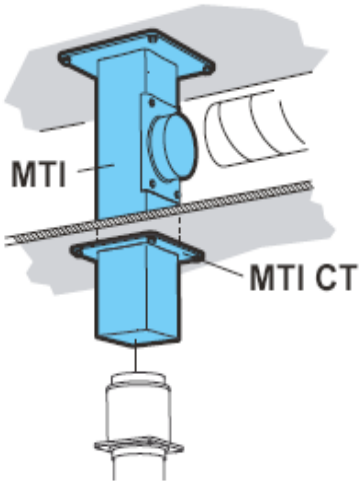
Escutcheon plate, used together with ceiling mount MTI for stabilizing and to cover holes in finished ceilings. Made completely from Polypropylene.



Ceiling Bracket Model # MTI 1250EX

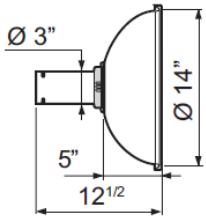
	Dimensions (inches)	Weight
Standard	L	(lb)
MTI 1250	50	12.9





*Bracket will be powder coated black ATEX, not standard aluminum as illustrated above

Dome Hood Model # MEK 350-75EX



DOME HOOD
The clear dome hood is suitable for lighter gasses with a wider dispersal of contaminants without blocking the user's vision.
Temp. range: -5°F to +176°F

Standard	Variants	Weight (oz)
MEK 350-75	PP,ES,EX	15.9

Material
ES, EX PEEL black

Mounting Recommendations

MOVEX® ME

20130703

Reach at recommended installation height

The following installation heights and lateral placements in relation to the work space are recommended for optimised extraction.

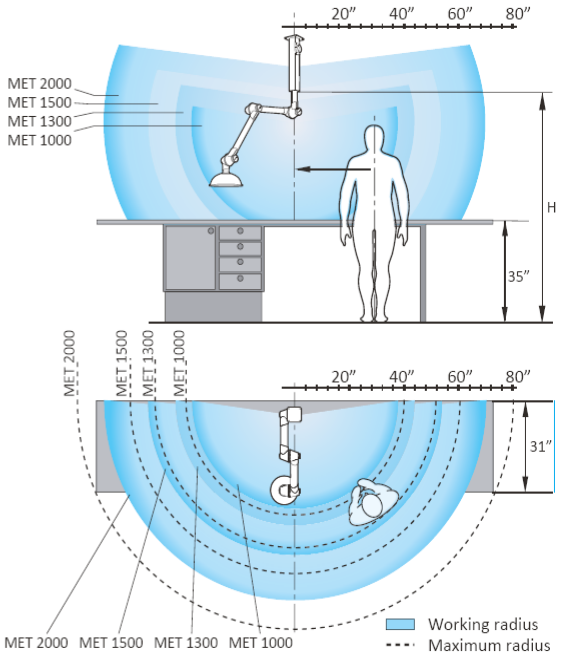
Recommended installation height

Designation	H inch
MET 1000-75	67-78
MET 1300-75	75-86
MET 1500-75	78-91
MET 2000-75	86-98

Recommended side displacement

in relation to the workarea

Designation	S inch
MET 1000-75	12-24
MET 1300-75	16-28
MET 1500-75	20-32
MET 2000-75	28-40

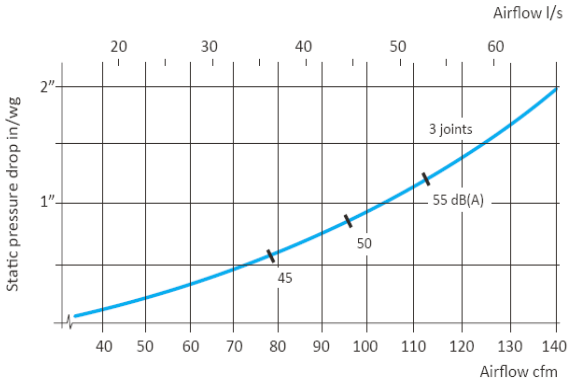


Recommended values

Function	Airflow	
Laboratories	40 l/s	88 cfm
Schools - Science classrooms	40 l/s	88 cfm

Technical aids at our website www.movexinc.com

Airflow Chart



Static pressure drop is measured in accordance with ISO standard 5167-1.
The noise level is measured in accordance with ISO standard 3743.

Recommended air flow

The recommended air flow for a Ø 3" arm is 70-85 cfm. See table and diagram.

Activity	Air flow
Laboratories	70-85 cfm
Schools – science classrooms	70-85 cfm

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