

AOM T Series MISTBOX

Misting module designed for solid fuel cooking to extinguish sparks and embers



- **Decrease the Fire Risk of an Exhaust System:** a fine mist injected into the unit ensures that sparks or embers are extinguished prior to moving through the duct system where fuel (grease) has been accumulated in a highly oxygenated environment
- **Minimising the risk of nuisance of exhaust discharges:** by integrating odour mitigation agents into the misting spray

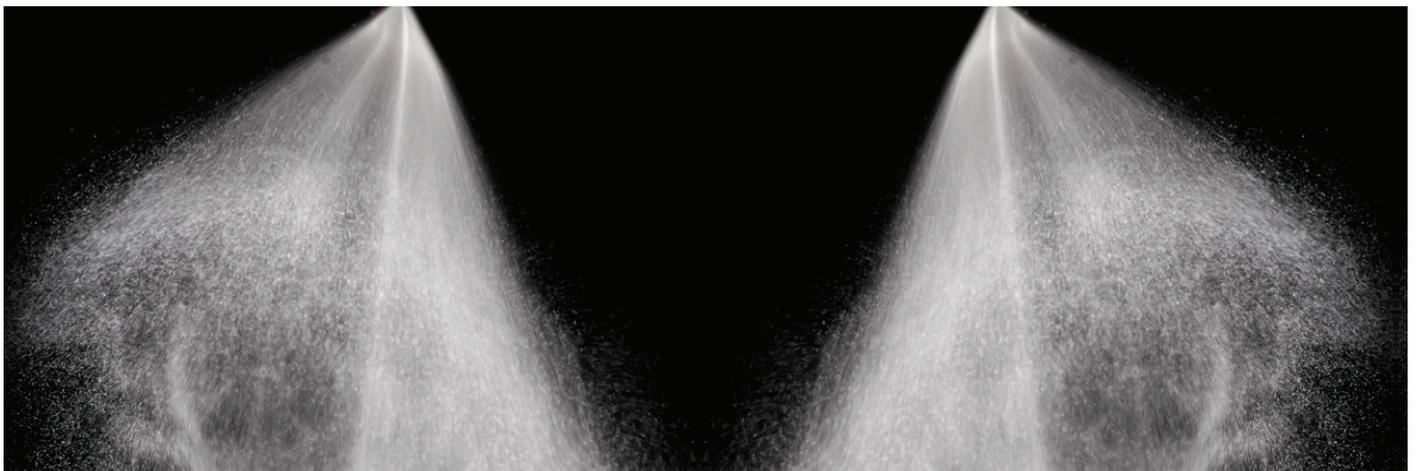


Features

AOM Australia has developed a unique technology to mitigate heavy contaminants produced by high heat loads such as solid fuel equipment and open flame cooking equipment.

As the cold mist acts as a spark arrestor and air cooler, the risk of fire in the ductwork is significantly decreased.

The AOM MISTBOX is designed to be used in conjunction with AOM SCRUBBOX electrostatic precipitators for particle filtration. Together with a final odour mitigation step either using AOM OG Series Ozone Generators or AOM CARBONBOX activated carbon modules, this has been proven to be a very efficient method of minimising smoke and odour discharges from heavy solid fuel cooking.



Key Clients

P A C I F I C
B O N D I B E A C H



Technical Data

Model	200	300	400	600	800
Weight (kg)	45 kg	60 kg	70 kg	80 kg	100 kg
Airflow (L/s)* Maximum airflow for: Type 3, Type 6 or light Type 4 cooking	up to 945 L/s depending on situation	up to 1415 L/s depending on situation	up to 1890 L/s depending on situation	up to 2800 L/s depending on situation	up to 4000 L/s depending on situation
Recommended airflow for: heavy Type 4 or Type 5 cooking	470 L/s	725 L/s	1000 L/s	1500 L/s	2000 L/s
Dimensions (mm) L x W x H	705 x 760 x 560	945 x 760 x 560	1185 x 760 x 560	1655 x 760 x 560	2115 x 760 x 560
Exhaust outlet/ inlet(mm) W x H	450 x 510	670 x 510	930 x 510	1400 x 510	1860 x 510
Number of nozzles	1	2	3	5	7
Water Consumption (L/hr) at 50 psi pressure	10-15 L/hr	15-25 L/hr	20-30 L/hr	40-50 L/hr	50-60 L/hr
Housing material	Stainless Steel 304 1.2 mm				
Maintenance space (mm)	825 L x 875 W at front of door				
Power supply	220~240 V / 1P / 50-60Hz				
Power consumption	120				

Note: As per all AOM T Series modules filtration units, customised units are also available

* Chosen airflow values filters will significantly affect final filtration efficiencies. When choosing airflows, factors such as the type of cooking and the requirements of the discharge point need to be considered. Contact your AOM distributor should you have any questions.