



# OIL MIST AIR CLEANER

Innovative four-stage filter system.  
Recyclable & Eco-friendly.  
Made in Taiwan.



Model	Unit	OMAC3-10N	OMAC3-15N	OMAC3-20N	OMAC3-30N
Motor	KW	0.18	0.37	0.56	0.75
Voltage	V/Hz	3Ø 220V / 380V / 60Hz / 50Hz			
Speed	rpm	3400rpm/2900rpm			
Air flow rate	m <sup>3</sup> /min	15/14	20/18	25/22	31/27
Noise	dB	64/63	66/64	68/65	71/67
Dimension	mm(LxWxH)	660x330x475	675x350x508	780x390x534	804x420x561
Weight	kg	31.2	34.2	40.4	48

Vertical Telescopic Stand

When the oil mist collector is separately mounted on the telescopic stand, it does not affect the machining accuracy  
Telescopic height range: 1250-2000mm



Model	Unit	OMAC4-10Y	OMAC4-15Y	OMAC4-20Y	OMAC4-30Y
Motor	KW	0.18	0.37	0.56	0.75
Voltage	V/Hz	3Ø 220V / 380V / 60Hz / 50Hz			
Speed	rpm	3400rpm/2900rpm			
Air flow rate	m <sup>3</sup> /min	16/14	21/19	26/23	32/27
Noise	dB	65/64	68/65	69/66	71/67
Dimension	mm(LxWxH)	660x350x749	675x350x782	780x390x812	804x439x1089
Weight	kg	36	38.4	45	55

Frequency Inverter



Pressure Gauge



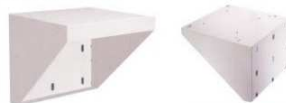
Model	Unit	OMAC4-10H	OMAC4-15H	OMAC4-20H
Motor	KW	0.18	0.37	0.56
Voltage	V/Hz	3Ø 220V / 380V / 60Hz / 50Hz		
Speed	rpm	3400rpm/2900rpm		
Air flow rate	m <sup>3</sup> /min	15/12	20/16	25/20
Noise	dB	65/63	66/64	67/64
Dimension	mm(LxWxH)	660x350x749	675x350x780	780x390x813
Weight	kg	36.4	39.6	45.8

Fume Suction Hood



Model	Unit	OMAC4-10A	OMAC4-15A	OMAC4-20A	OMAC4-30A
Motor	KW	0.18	0.37	0.56	0.75
Voltage	V/Hz	3Ø 220V / 380V / 60Hz / 50Hz			
Speed	rpm	3400rpm/2900rpm			
Air flow rate	m <sup>3</sup> /min	16/13	21/17	26/21	30/25
Noise	dB	64/63	65/63	66/63	68/66
Dimension	mm(LxWxH)	660x350x749	675x350x1080	780x390x1108	0 804x439x1139
Weight	kg	36.4	42.8	49	59

L shape Holder



The L-shape holder allows the oil mist collector to be mounted outside of the machine guard. This may help to avoid resonance to the sheet metal.  
Sizes: 330\*330\*300mm



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CHIN TAIRY ENTERPRISE CO., LTD

**OMAC4-H Four-stage filter (NEW MODEL)**

Over 98% oil mist collection rate

※HEPA/F9 level air purification  
 ※Filtering over 95% of 0.4um particulate matter  
 (Oil soluble cutting fluid +Air purification)



Gasify Drum  
 (fiber cotton + glass fiber material) **OMAC4-H**

Filtering rate over 98% oil mist collection

Improve PM2.5 up to 98% / Improve the aerosols 0.4 μm up to 95%

**OMAC3 series: Three-stage filter**

First Stage:  
 Filter oil mist  
 (Particulates ≥ 20μm)

Second Stage:  
 Filter water mist  
 (Particulates ≥ Sub-micron)

Third Stage:  
 Filter oil gas  
 (Particulates ≤ 1~0.1μm)



Turbulent flow plate    Stainless steel inclined wires material.    Fabric cotton material.    Resin fabric material.

Turbulent flow plate



» It is mounted before the first filter, it reduces drag and pressure loss.



**OMAC3-N**

Filtering rate over 80% oil mist collection

**OMAC4 series: Four-stage filter**

(Water soluble cutting fluid use)



Filter oil smoke  
 (Particulates ≤ 0.1~0.01μm)

Filter Drum (fiber cotton material)

**OMAC4-Y**

Filtering rate over 95% oil mist collection

**OMAC4-A series: Four-stage filter**

(Oil soluble cutting fluid + Oil smoke use)



Filter oil smoke  
 (Particulates ≤ 0.01μm)

Gasify Drum  
 (fiber cotton + glass fiber material)  
 + Active Carbon (Optional)

**OMAC4-A**

Filtering rate over 99.9% oil mist collection / HEPA/F11 level air purification  
 Improve PM2.5 up to 97~99.5% / Improve the aerosols 0.4 μm up to 96.8%

**Gasify Drum-(Consumable)**

- » Made in USA of Fabric Filter Paper for filtering oil gas.
- » Made in USA of Fine Glass Fiber Cotton to hold oil mist.
- » Circular Filter Paper
  1. High efficiency for filtering.
  2. Increase filtering area. Four times more than plane-type of filtering paper.
  3. Large air flow, low pressure loss and low noise.
  4. Eco-friendly.
  5. Active Carbon for absorbing toxic gases.