





# ARO Comparison Table



| Specification                      | ARO-400<br> | ARO-600<br> | ARO-1100<br> | ARO-1400<br> | ARO-2000<br> | ARO-2500<br> | ARO-4000<br> |
|------------------------------------|--|--|---|---|---|---|---|
| Air Flow                           | 350-500 cfm  | 650-750 cfm  | 1000-1300 cfm   | 1400-1700 cfm   | 1800-1700 cfm   | 2300-2700 cfm   | 3400-4100 cfm   |
| Machine Tool Ecn. Recommended Vol. | Up to 150 ft <sup>3</sup>  | Up to 300 ft <sup>3</sup>  | Up to 450 ft <sup>3</sup>   | Up to 575 ft <sup>3</sup>   | Up to 2000 ft <sup>3</sup>  | Up to 3000 ft <sup>3</sup>  | Up to 4000 ft <sup>3</sup>  |
| Motor                              | 1 hp   | 1 hp   | 2 hp  | 2 hp  | 3 hp  | 5 hp  | 7.5 hp  |
| Voltage(Amps)                      | 230/3/60 (3.2)<br>460/3/60 (1.3)   | 230/3/60 (3.2)<br>460/3/60 (1.3)   | 230/3/60 (5.5)<br>460/3/60 (2.7)  | 230/3/60 (5.5)<br>460/3/60 (2.7)  | 230/3/60 (7.6)<br>460/3/60 (3.3)  | 230/3/60 (11.5)<br>460/3/60 (5.8)   | 230/3/60 (17)<br>460/3/60 (8.5)   |
| Inlet Connection (standard)        | 6" Ø   | 8" Ø   | 8" Ø  | 10" Ø   | 12" Ø   | 12" Ø   | 18" Ø   |
| Sound                              | 69 dB(A)   | 70 dB(A)   | 71 dB(A)  | 72 dB(A)  | 71 dB(A)  | 74 dB(A)  | 74 dB(A)  |
| High Pressure Coolant              | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   |
| High Pressure Oil                  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   |
| Heavy Smoke                        | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   |
| pH limit                           | 5.8 - 12a  | 5.8 - 12a  | 5.8 - 12a   | 5.8 - 12a   | 5.8 - 12a   | 5.8 - 12a   | 5.8 - 12a   |
| Temp limit                         | 70°C / 160 °F  | 70°C / 160 °F  | 70°C / 160 °F   | 70°C / 160 °F   | 70°C / 160 °F   | 70°C / 160 °F   | 70°C / 160 °F   |

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For large sized machine tools  
and central applications



## ARO-4000

The ARO-4000 Mist Collector by Aeroex Technologies is engineered for industrial machining and manufacturing environments, offering customizable filtration stages for tailored solutions. Its multi-stage filtration process, including depth-loading fibrebed filters, ensures long filter life, while advanced drain technology enables uninterrupted 24/7 operation.

Designed for high-pressure coolant and oil applications, the ARO-4000 efficiently removes mist and smoke, supporting airflow ranging from 3400 to 4100 CFM. Whether in large enclosures or multi-machine setups, the ARO-4000 stands as a reliable solution for superior mist collection and smoke extraction.

### Product Specs

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Air Flow                            | 3400-4100 cfm                   |
| Machine Tool Encl.<br>Recom. Volume | Up to 4000 ft <sup>3</sup>      |
| Motor                               | 7.5 hp                          |
| Voltage (Amps)                      | 230/3/60 (17)<br>460/3/60 (8.5) |
| Inlet Connection                    | 18" Ø                           |
| Sound                               | 74 dB(A)                        |
| Coolant                             | 30 – 3000 psi                   |
| Oil                                 | 30 – 3000 psi                   |
| pH limit                            | 5.8 - 12                        |

|                        |                |
|------------------------|----------------|
| Temp limit             | 70 °C / 160 °F |
| Weight                 | 1200 lbs       |
| Length                 | 74"            |
| Width                  | 25"            |
| Height                 | 79"            |
| HEPA Filter            | Standard       |
| Odor-Rid Carbon Filter | Optional       |

For large sized machine tools  
and central systems



## ARO-2500

The ARO-2500 Mist Collector by Aeroex Technologies is engineered for industrial machining and manufacturing environments, offering customizable filtration stages for tailored solutions. Its multi-stage filtration process, including depth-loading fibrebed filters, ensures long filter life, while advanced drain technology enables uninterrupted 24/7 operation.

Designed for high-pressure coolant and oil applications, the ARO-2500 efficiently removes mist and smoke, supporting airflow ranging from 2300 to 2700 CFM. Whether in large enclosures or multi-machine setups, the ARO-2500 stands as a reliable solution for superior mist collection and smoke extraction.

### Product Specs

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Air Flow                          | 2300-2700 cfm                     |
| Machine Tool Enclo. Recom. Volume | Up to 3000 ft <sup>3</sup>        |
| Motor                             | 5 hp                              |
| Voltage (Amps)                    | 230/3/60 (11.5)<br>460/3/60 (5.8) |
| Inlet Connection                  | 12" Ø                             |
| Sound                             | 74 dB(A)                          |
| Coolant                           | 30 – 3000 psi                     |
| Oil                               | 30 – 3000 psi                     |
| pH limit                          | 5.8 - 12                          |

|                        |                |
|------------------------|----------------|
| Temp limit             | 70 °C / 160 °F |
| Weight                 | 605 lbs        |
| Length                 | 55"            |
| Width                  | 25"            |
| Height                 | 50"            |
| HEPA Filter            | Standard       |
| Odor-Rid Carbon Filter | Optional       |

For large sized machine tools  
and central systems



## ARO-2000

The ARO-2000 Mist Collector by Aeroex Technologies is engineered for industrial machining and manufacturing environments, providing customizable filtration stages for tailored solutions. Its advanced multi-stage filtration process, featuring depth-loading fibrebed filters, ensures prolonged filter life, while advanced drain technology guarantees uninterrupted 24/7 operation.

Tailored for high-pressure coolant and oil applications, the ARO-2000 efficiently eliminates mist and smoke, supporting airflow ranging from 1800 to 2200 CFM. Whether integrated into large machine tools or smaller-scale setups, the ARO-2000 stands as a reliable solution for superior mist collection.

### Product Specs

|   |                                  |                               |                        |
|---|----------------------------------|-------------------------------|------------------------|
| <b>Air Flow</b>                             | 1800-2200 cfm                    | <b>Temp limit</b>             | 70 °C / 160 °F         |
| <b>Machine Tool Encl.<br/>Recom. Volume</b> | Up to 2000 ft <sup>3</sup>       | <b>Weight</b>                 | 390 lbs                |
| <b>Motor</b>                                | 3 hp                             | <b>Length</b>                 | 25" frame, 50" overall |
| <b>Voltage (Amps)</b>                       | 230/3/60 (7.6)<br>460/3/60 (3.8) | <b>Width</b>                  | 25"                    |
| <b>Inlet Connection</b>                     | 12" Ø                            | <b>Height</b>                 | 49"                    |
| <b>Sound</b>                                | 71 dB(A)                         | <b>HEPA Filter</b>            | Standard               |
| <b>Coolant</b>                              | 30 – 3000 psi                    | <b>Odor-Rid Carbon Filter</b> | Optional               |
| <b>Oil</b>                                  | 30 – 3000 psi                    |                               |                        |
| <b>pH limit</b>                             | 5.8 - 12                         |                               |                        |

For medium sized machine tools



## ARO-1400

The ARO-1400 Mist Collector by Aeroex Technologies is engineered for industrial machining and manufacturing environments. Its advanced multi-stage filtration process and depth-loading fibrebed filters ensure prolonged filter life, while advanced drain technology guarantees seamless 24/7 operation.

Designed for high-pressure coolant and oil applications, the ARO-1400 effectively eliminates mist and smoke, supporting airflow from 1400 to 1700 CFM. Whether integrated into individual machine tools or smaller-scale setups, it provides reliable mist collection for a clean and efficient workspace

### Product Specs

|   |                                  |                               |                        |
|---|----------------------------------|-------------------------------|------------------------|
| <b>Air Flow</b>                         | 1400-1700 cfm                    | <b>Temp limit</b>             | 70 °C / 160 °F         |
| <b>Machine Tool Encl. Recom. Volume</b> | Up to 575 ft <sup>3</sup>        | <b>Weight</b>                 | 340 lbs                |
| <b>Motor</b>                            | 2 hp                             | <b>Length</b>                 | 25" frame, 49" overall |
| <b>Voltage (Amps)</b>                   | 230/3/60 (5.5)<br>460/3/60 (2.7) | <b>Width</b>                  | 25"                    |
| <b>Inlet Connection</b>                 | 10" Ø                            | <b>Height</b>                 | 42"                    |
| <b>Sound</b>                            | 72 dB(A)                         | <b>HEPA Filter</b>            | Standard               |
| <b>Coolant</b>                          | 30 – 3000 psi                    | <b>Odor-Rid Carbon Filter</b> | Optional               |
| <b>Oil</b>                              | 30 – 3000 psi                    |                               |                        |
| <b>pH limit</b>                         | 5.8 - 12                         |                               |                        |

For medium sized machine tools



## ARO-1100

The ARO-1100 Mist Collector by Aeroex Technologies is purpose-built for industrial machining and manufacturing settings. Featuring advanced multi-stage filtration with depth-loading fibrebed filters, it ensures prolonged filter life and seamless 24/7 operation.

Ideal for high-pressure coolant and oil applications, the ARO-1100 efficiently removes mist and smoke, supporting airflow from 1000 to 1300 CFM. Whether integrated into individual machine tools or compact setups, the ARO-1100 offers dependable mist collection for a cleaner, more productive workspace.

### Product Specs

|   |                                  |                               |                        |
|---|----------------------------------|-------------------------------|------------------------|
| <b>Air Flow</b>                             | 1100-1300 cfm                    | <b>Temp limit</b>             | 70 °C / 160 °F         |
| <b>Machine Tool Encl.<br/>Recom. Volume</b> | Up to 450 ft <sup>3</sup>        | <b>Weight</b>                 | 340 lbs                |
| <b>Motor</b>                                | 2 hp                             | <b>Length</b>                 | 25" frame, 49" overall |
| <b>Voltage (Amps)</b>                       | 230/3/60 (5.5)<br>460/3/60 (2.7) | <b>Width</b>                  | 25"                    |
| <b>Inlet Connection</b>                     | 8" Ø                             | <b>Height</b>                 | 42"                    |
| <b>Sound</b>                                | 71 dB(A)                         | <b>HEPA Filter</b>            | Standard               |
| <b>Coolant</b>                              | 30 – 3000 psi                    | <b>Odor-Rid Carbon Filter</b> | Optional               |
| <b>Oil</b>                                  | 30 – 3000 psi                    |                               |                        |
| <b>pH limit</b>                             | 5.8 - 12                         |                               |                        |

Small but big on ability!



## ARO-600

The ARO-600 Mist Collector by Aeroex Technologies is designed for industrial machining and manufacturing environments. Featuring advanced multi-stage filtration with depth-loading fibrebed filters, it ensures prolonged filter life and seamless 24/7 operation.

Optimized for smaller-scale applications, the ARO-600 effectively removes mist and smoke, supporting airflow from 650 to 750 CFM. Whether integrated into individual machine tools or various manufacturing setups, the ARO-600 delivers reliable mist collection for a cleaner and more efficient workspace

### Product Specs

|   |                                  |                               |                        |
|---|----------------------------------|-------------------------------|------------------------|
| <b>Air Flow</b>                             | 650-750 cfm                      | <b>Temp limit</b>             | 70 °C / 160 °F         |
| <b>Machine Tool Encl.<br/>Recom. Volume</b> | Up to 300 ft <sup>3</sup>        | <b>Weight</b>                 | 230 lbs                |
| <b>Motor</b>                                | 1 hp                             | <b>Length</b>                 | 21" frame, 43" overall |
| <b>Voltage (Amps)</b>                       | 230/3/60 (3.2)<br>460/3/60 (1.6) | <b>Width</b>                  | 21"                    |
| <b>Inlet Connection</b>                     | 8" Ø                             | <b>Height</b>                 | 41"                    |
| <b>Sound</b>                                | 70 dB(A)                         | <b>HEPA Filter</b>            | Standard               |
| <b>Coolant</b>                              | 30 – 3000 psi                    | <b>Odor-Rid Carbon Filter</b> | Optional               |
| <b>Oil</b>                                  | 30 – 3000 psi                    |                               |                        |
| <b>pH limit</b>                             | 5.8 - 12                         |                               |                        |

Small but big on ability!



## ARO-400

The ARO-400 Mist Collector by Aeroex Technologies is designed for industrial machining and manufacturing environments. Featuring advanced multi-stage filtration with depth-loading fibrebed filters, it ensures prolonged filter life and seamless 24/7 operation.

Ideal for versatile applications, the ARO-400 effectively removes mist and smoke, supporting airflow from 350 to 500 CFM. Whether integrated into individual machine tools or compact setups, the ARO-400 delivers reliable mist collection for a cleaner and more efficient workspace.

### Product Specs

|   |                                  |                               |                        |
|---|----------------------------------|-------------------------------|------------------------|
| <b>Air Flow</b>                         | 350-500 cfm                      | <b>Temp limit</b>             | 70 °C / 160 °F         |
| <b>Machine Tool Encl. Recom. Volume</b> | Up to 150 ft <sup>3</sup>        | <b>Weight</b>                 | 230 lbs                |
| <b>Motor</b>                            | 1 hp                             | <b>Length</b>                 | 21" frame, 32" overall |
| <b>Voltage (Amps)</b>                   | 230/3/60 (3.2)<br>460/3/60 (1.6) | <b>Width</b>                  | 21"                    |
| <b>Inlet Connection</b>                 | 6" Ø                             | <b>Height</b>                 | 36"                    |
| <b>Sound</b>                            | 69 dB(A)                         | <b>HEPA Filter</b>            | Standard               |
| <b>Coolant</b>                          | 30 – 3000 psi                    | <b>Odor-Rid Carbon Filter</b> | Optional               |
| <b>Oil</b>                              | 30 – 3000 psi                    |                               |                        |
| <b>pH limit</b>                         | 5.8 - 12                         |                               |                        |



## Installation Accesories



### Suspension Bracket

- ARO-400&ARO-600 **099AMW-0001**
- ARO-1100&ARO-1400 **099AMW-0002**
- ARO-2000 **099AMW-0003**



### Installation Kit

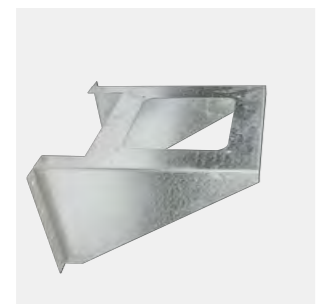
- ARO-400 **099AKI-0001**
- ARO-600& ARO-1100 **099AKI-0002**
- ARO-1400 **099AKI-0003**
- ARO-2000&ARO-2500 **099AKI-0004**



### Stand

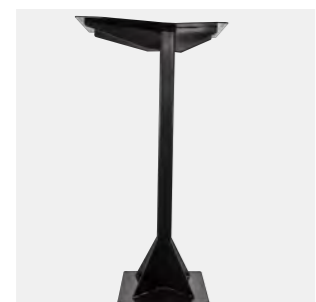
32" Tall Powder coated black

**Only for ARO-4000**  
**099AMP-0004**



### Wall Mount

- ARO-400&ARO-600 **099AMW-0001**
- ARO-1100&ARO-1400 **099AMW-0002**
- ARO-2000 **099AMW-0003**



### Pillar Stand

- ARO-400&ARO-600 **099AMP-0061**
- ARO-1100&ARO-1400 **099AMP-0062**
- &ARO-2000
- ARO-2500 **099AMP-0063**

## Miscellaneous Accessories



### Chip Strainer

- ARO-400&ARO-600 **099ACS-0002**
- ARO-1100 **099ACS-0005**
- ARO-1400 **099ACS-0006**
- ARO-2000/2500 **099ACS-0007**



### Suction Hose

- ARO-400 **099MPH-0006**
- ARO-600/1100 **099MPH-0008**
- ARO-1400 **099MPH-0010**
- ARO-2000/2500 **099MPH-0012**



### Hose clamp

- ARO 400 **099AHC-0006**
- ARO 600/1100 **099AHC-0008**
- ARO 1400 **099AHC-0010**
- ARO 2000/2500 **099AHC-0012**



### Machine adapter

- ARO 400 **099AMS-0006**
- ARO 600/1100 **099AMS-0008**
- ARO 1400 **099AMS-0010**
- ARO 2000/2500 **099AMS-0012**



### Wire Kit

- ARO 400/600 **099EMS-E001**
- ARO 1100/1400 **099EMS-E002**
- ARO 2000 **099EMS-E003**
- ARO 2500 **099EMS-E004**
- ARO 4000 **099EMS-E005**

## Replacement Parts

### Motor

| Model         | Voltage            |                    |
|---------------|--------------------|--------------------|
|               | 230/460/3/60       | 575/3/360          |
| ARO-400/600   | <b>099EMT-0002</b> | <b>099EMT-0003</b> |
| ARO-1100/1400 | <b>099EMT-0010</b> | <b>099EMT-0011</b> |
| ARO-2000      | <b>099EMT-0006</b> | <b>099EMT-0007</b> |
| ARO-2500/4000 | <b>099EMT-0008</b> | <b>099EMT-0009</b> |



### Impeller

- ARO-400 **A04IMP-001**
- ARO-600/1100 **A06IMP-001**
- ARO-1400/2000 **A14IMP-001**
- ARO2500/4000 **A25IMP-001**



### Inlet cone

- ARO 400 **A04CON-0001**
- ARO 600/1100 **A06CON-0001**
- ARO-1400/2000 **A14CON-0001**
- ARO2500/4000 **A25CON-0001**



### Status Gauge

**ARO-A031**

ARO-2500 & ARO 4000 receive primary and HEPA status gauge

# ARO Filter Technology

Manufactured in Canada, and trusted by all



Introducing the ARO of premium mist collectors by Aeroex Technologies Inc. – a breakthrough in extended filter life, operational savings, and superior air purification. Expertly crafted for oil mist collection and smoke elimination, the ARO ensures a safer workspace and shields equipment from oil mist and smoke damage.

## Versatility & Adaptability:

ARO is a game-changer in air purification, offering customizable filtration stages for diverse industrial needs. From metalworking and food production to machining operations, ARO goes beyond regulatory benchmarks, setting a new gold standard.



- 1. 1st Stage “ME” Mechanical Element:** Features a washable metal surface, separating 90% of oil mist and swarf for drainage. With a 20-year durability, it prevents clogging in subsequent filters by handling larger particles. Non Consumable
- 2. Demister Element:** Supports the first stage, removing up to 95% of mist and swarf with washable filters. Non Consumable
- 3. Third Stage Pleated Depth Loading Fiber Bed Filter:** Rated MERV 13, Outclasses thin competitors with its thick composition, minimizing blockage and boosting efficiency. Built for longevity with a 1-3 year lifespan.
- 4. Fourth Stage Pleated Depth Loading Fiber Bed Filter:** Rated MERV 14, its depth-loading offers 25 times more surface area than standard filters, extending life between 1 to 3 years.
- 5. Fifth Stage HEPA Filter:** Captures 99.97% of sub-micron particles, including mist and smoke, ensuring pure air output. Reliable with a 2-4 year service life.



Technology

## Mounting Options

The ARO mist collectors offer versatile mounting options tailored for the CNC market:

- 1. Direct Mount:** Attach directly to the machine tool. Ideal for compact spaces, it captures mist right at its source, minimizing airborne contaminants.
- 2. Suspended Mount:** Mount on the ceiling or overhead, perfect for tight floor spaces or centralized collection for multiple machines.
- 3. Wall Mount:** Save floor space by utilizing vertical wall areas. Suitable for smaller workshops or when other mounts aren't feasible.
- 4. Stand & Hose:** Positioned on a stand with a suction hose, this flexible option caters to changing layouts or mobile mist sources.

Choose based on your space and efficiency needs, ensuring optimal mist collection.

