

FILTERMIST PERFORMANCE ACCESSORIES



Royal Products offers a number of optional accessories designed to enhance Filtermist performance, particularly in very demanding applications. Please contact one of our engineers at 1-800-645-4174 if you have any questions regarding the use of these performance accessories.

After Filter



After filters are available for all Royal Filtermist models. They can be used in any application where extreme high efficiency is required, and are especially useful for dealing with the following conditions:

- Applications where heavy, dry smoke is generated along with the mist.
- Applications that produce very fine mist particles which may sometimes bypass the impaction process, (jobs that run at very high spindle speeds, high-pressure coolant, etc.).

Important — An after filter should not be used to compensate for blow-thru that could result from improper installation. If you have questions or concerns about your installation, please contact one of our engineers at 1-800-645-4174.

After Filter Advantages

Easy Installation

The Royal after filter simply slides over the Filtermist motor and is secured in place with two toggle clips.

High Efficiency

Adding an after filter to a Royal Filtermist unit will greatly **increase efficiency in the sub-micron range**. See page 140 for additional information on efficiency.

Noise Reduction

An after filter reduces the noise level of a Filtermist unit by approximately 3 dB.

Long Life

Royal after filters have extended service lives due to their large surface area. They also last longer because the centrifugal impaction process of the Filtermist removes most of the pollutants before they ever reach the filter. Systems that rely entirely on media filters for the filtering process tend to have much shorter service lives.

Full Range

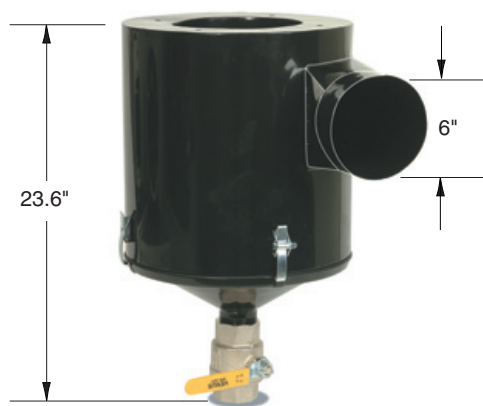
After filters are available for all size Filtermist units. Models are also available for older series units.

Stainless Steel Filtermist Units



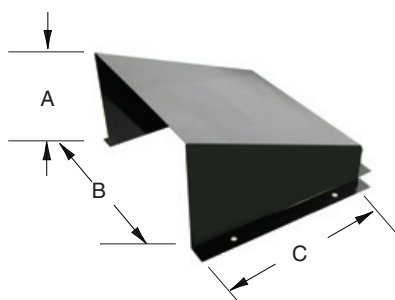
- In addition to our standard line of powder-coated units, Royal Products also offers all Filtermist FX Series units in stainless steel versions for special applications.
- Drum, housing, internal hardware, and motor shaft are all manufactured from stainless steel.
- **Great for aqueous parts washers** where caustic soap could penetrate the paint and erode the steel components.
- Also popular for use in food processing applications such as the collection of oil spray from baking lines.

Cyclonic Swarf Separator



- Recommended for applications that generate solid particles, such as wet grinding dust, cast iron fines, etc.
- Also good for high-speed aluminum milling that produces light fly-away chips.
- Cyclonic action removes solid particles, ensuring that only mist is drawn into the Filtermist unit.
- Acts as a great pre-filter for high pressure coolant applications.
- **Reduces maintenance in difficult applications such as heavy grinding.**
- Easily attaches to the bottom of the Filtermist unit. Note — the separator cannot be used in direct-mount applications.
- 6" diameter intake port is located on the side of the unit.
- A 2" ball-valve is located on the bottom of the unit for draining.
- Two-piece design allows for easy cleaning.
- Not for use in purely dry applications.
- For models FX-900 and FX-1200 only.
- Reduces throughput of Filtermist unit by approximately 300 cfm.

Chip Deflector



- Protects the Filtermist intake from chips and direct coolant splash.
- Opening is large enough to ensure that airflow and intake velocity are not negatively affected.
- **Powder coated finish** protects against rust.
- Can be used with all size Filtermist models.
- See page 137 for additional information on correct intake positioning.

Model	A	B	C
30220 (FX-900 & 1200)	6"	9-1/2"	10"
30222 (FX-275 & 550)	4-3/4"	8-1/2"	8-1/2"



Check out the Royal Filtermist Video at www.mistcollectors.com