

99.9% Efficiency



FLX SERIES (FLX-600 & FLX-1100)

FLX mechanical oil mist filters with HEPA filter have an efficiency of 99.9% (95% without HEPA Filter). An impingement disk metal mesh filter functions as an initial precipitator, pre-separating large mist droplets and coarse particles, and ensuring that the filters behind are used to their maximum efficiency.

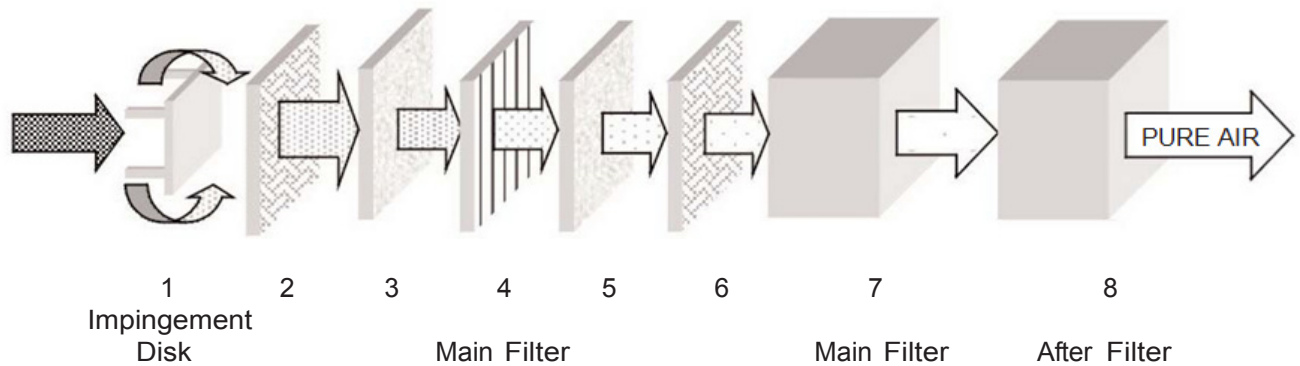
The metal mesh filter and precipitator are washable. The polyester main filter (self-draining) and HEPA filter can be changed easily. All systems come with specifically rated/designed fans in order to achieve proper dwell time, air-to-filter ratio and "can" velocity.

The housing consists of a precision crafted powder coated steel sheet cabinet and is equipped at the base with two drains. The inlet opening can be placed selectively to the right or to the left, depending on the application.

Advantages:

- Non-polluting
- Clean air to breathe
- Reduced maintenance costs on plant equipment
- Infrequent filter change out
- Economical
- Heat saver
- Ability to recycle cutting fluids

Mode of Operation



Filter Stages

- | | |
|-------------------------------------|----------------------------------|
| 1 - Impingement Disk | 2 - Metal Mesh Filter (washable) |
| 3 - Polyester Filter Mat (washable) | 4 - Impinger (washable) |
| 5 - Polyester Filter Mat (washable) | 6 - Metal Mesh Filter (washable) |
| 7 - Main Filter (self-draining) | 8 - HEPA After Filter (optional) |

Technical Data

	FLX-600	FLX-1100
Dimension	1020mm x 515mm x 435mm (40" x 20" x 17")	1020mm x 605mm x 515mm (40" x 24" x 20")
Filter Achievement	600 m ³ /h (353 cfm)	1100 m ³ /h (647 cfm)
Inlet Diameter	Ø 160 mm (6.5")	Ø 200 mm (8")
Power	1/2, 1, 1.5, 2, and 3 HP	1/2, 1, 1.5, 2, and 3 HP
Reduction Support	DN-20	DN-20