Exhaust Cleaner for Clean Room

AMP Series



An exhaust cleaner that can be used inside a clean room

Exhaust air cleanliness: Equivalent to ISO Class 5 (Class 100 Fed.Std.209D)

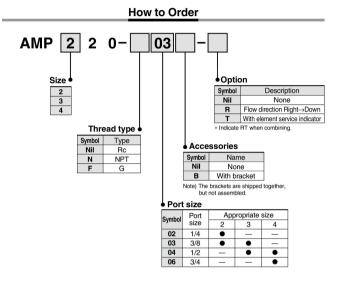
(Consult SMC in advance, as this will differ depending on the operating conditions.)

 Particles of 0.3 μm or larger are 3.5 particles/L or less Since it is possible to release exhaust air from pneumatic equipment directly into a clean room, piping to exhaust ducts is unnecessary.

Worry free two stage element construction

 After the first element is saturated with oil, the oil flowing into the secondary side is collected by the second element. This prevents discharge to the outside for a fixed time.





Modele

Modelo				
Model	AMP220	AMP320	AMP420	
Maximum flow capacity L/min (ANR)	200	500	1000	
Port size	1/4, 3/8	3/8, 1/2	1/2, 3/4	
Weight (kg)	0.43	0.68	1.15	

Refer to page 835 for model selection.

Specifications

Fluid	Compressed air	
Inlet pressure	0.1 MPa or less	
Ambient and fluid temperature	5 to 50°C	
Filtration degree	0.01 μm (Trapping efficiency 95%)	
Outlet cleanliness	Particles of 0.3 µm or larger: 100 particles or less/ft ³ (35 particles or less/10 L (ANR))	
Element replacement period	Replace the element when a red color spot occurred on the surface. Even if a red color spot does not appear on the surface, the replacement interval for the element is when the inlet pressure reaches 0.1 MPa or after one year of operation, whichever comes first.	
Element construction	Two stage element	
Silencing effect	ffect 40 dB (A) or more	

Refer to page 836 for specific product precautions.

Accessory (Part No.)

Applicable model	AMP220	AMP320	AMP420
Bracket assembly (with 2 mounting screws)	BM66	BM67	BM68

