

Exhaust Cleaner

Series AMC



Insures clean plant air and reduces noise pollution
 Over 35dB(A) noise reduction
 Over 99.9% oil mist removal

JIS symbol



Specifications

Fluid	Compressed air
Ambient and fluid temperature	5 to 60°C*
Element supply pressure	0.1MP or less
Noise reduction	35dB or more
Oil mist removal	99.9% or more
Exhaust of oil mist	Drain cock (Standard), Drain piping
Option	Bracket**

* It can operate in temperatures between -10°C to 60°C if there is no risk of freezing the moisture in the air.
 ** Bracket not available on AMC810 and 910.

Model/Male Thread Style

Specifications	Model	AMC310	AMC510	AMC610	AMC810	AMC910
Effective area		16	55	165	330	550
Max. air flow (l/min.(ANR))		300	1,000	3,000	6,000	10,000
Port size		3/8	3/4	1	1 1/2	2
Weight (kg)		0.2	0.5	0.7	1.2	1.7
Element model No.		AMC-EL3	AMC-EL5	AMC-EL6	AMC-EL8	AMC-EL9
Bracket model No.		BE30	BE50	BE60	-	-

Model/Female Thread Style

Specifications	Model	AMC220	AMC320	AMC520
Effective area		12	16	55
Max. air flow (l/min.(ANR))		200	300	1,000
Port size		1/4	1/4, 3/8	1/2, 3/4
Weight (kg)		0.12	0.2	0.5
Element model No.		AMC-EL2	AMC-EL3	AMC-EL5
Bracket model No.		BE20	BE30	BE50

* ANR: 20°C atmospheric pressure, relative humidity 65%

How to Order

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Body size	2 1/4 std.	3 3/8 std.	5 3/4 std.	6 1 std.	8 1/2 std.	9 2 std.	
Thread	1 Male thread	2 ⁽¹⁾ Female thread					
Thread style	- R(PT), Rc(PT)	N NPT	F G(PF)				
Port size	02 Female 1/4	03 Female 3/8	04 Female 1/2	06 Female 3/4	10 Male 1	14 Male 1 1/2	20 Male 1
Suffix	B With bracket	D ⁽²⁾ Drain piping (Except AMC220)					

Note 1) Female thread: Available only AMC220, 320, 520
 Note 2) On the AMC220, an R(PT)1/4 fitting can be attached by removing the drain cock. (It becomes the drain piping style)

How to Order Oil Case Assembly

If the oil case becomes damaged, it can be replaced easily.

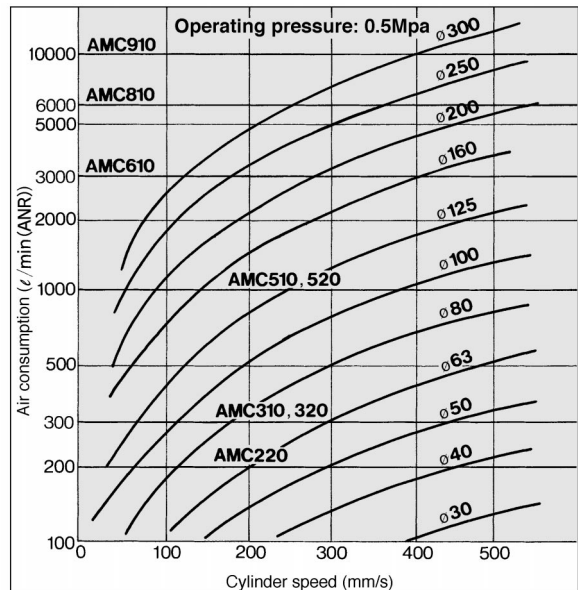
AMC - CA 3 - A

Body size	2 AMC220	3 AMC310, 320	5 AMC510, 520	6 AMC610	8 AMC810	9 AMC910
Thread/Applicable to drain piping	- Rc(PT)	N NPT	F G(PF)			
Exhaust of oil mist	A Drain cock (Standard)	D Drain piping				

Note 1) On the type for the AMC220, an R(PT)1/4 fitting can be attached by removing the drain cock (It becomes the drain piping style).
 Note 2) Select the threads to match the threads on the products itself.

How to Select At operating pressure 0.5Mpa

Select a model according to the air consumption of the circuit to be used.
 ① Obtain the air consumption of the actuator to be used. However, if an exhaust cleaner of the centralized piping style will be used, sum the air consumption of the actuators that operate simultaneously. Also add the capacity of the piping from the cylinder to the EXH.
 ② Select a model that provides a maximum processing flow volume that exceeds the consumption volume obtained in step ①.



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