

Choosing the Correct Series 9000 Model

It is essential that you select the correct model based on **CFM (M3/M) requirements**, not air inlet size (A). For assistance with selecting the correct model for your equipment, see our online Series 9000 Sizing Wizard. If you cannot determine the correct precleaner from the matrix, please contact our technical support department for assistance.

You must **allow adequate clearance between the hood and the base of the precleaner** for it to function properly. There are extension pipes and other adaptation parts available to increase clearance when necessary. Contact your Dealer or Sy-Klone for details.



The sizing matrix has been recently updated, and it applies to electronically and non-electronically controlled engines. Efforts have been made to take into consideration the more restrictive components found on current air intake systems. Precleaner sizing recommendations balance initial restriction requirements with precleaning efficiency to provide the longest filter life and best engine performance. Recent additions to the Series 9000 product lines allows for precision in the sizing of precleaners that was previously not possible. This matrix replaces all previous sizing matrices.

Model	Dimensions in inches or millimeters (ID = inner diameter)						Airflow: CFM or m3/m		Weight lb or kg	Min Hood Clearance inches or mm
	A	B	C	D	E	D+E	Min	Max		
<u>9000</u> in->	2.015 ID	4.5	0.8	0.5	2.5	3	10	50	0.5	2
mm->	51.18 ID	114.3	20.3	12.7	63.5	76.2	0.28	1.42	0.2268	50.8
<u>9000R</u> in->	3.021 ID	6.7	1.2	0.5	3.7	4.2	50	120	0.8	3
mm->	76.73 ID	170.2	30.5	12.7	94	106.7	1.42	3.4	0.3629	76.2
<u>9001</u> in->	4.031 ID	8.507	2.6	0.9	5.8	6.3	100	275	2.6	4
mm->	102.38 ID	216.1	66.1	22	146.5	159.7	2.83	7.79	1.179	101.6
<u>9001R</u> in->	4.031 ID	8.507	2.603	0.9	5.768	6.288	275	350	2.4	4
mm->	102.38 ID	216.1	66.1	22	146.5	159.7	7.79	9.91	1.089	101.6
<u>9005</u> in->	5.03 ID	10.63	2.97	0.9	7.03	7.9	350	500	2	5
mm->	127.29 ID	270.05	75.44	22	178.56	200.66	9.91	14.16	0.91	127
<u>9002</u> in->	6.042 ID	13.1	4	2.5	8.6	11.1	500	650	6.5	6
mm->	153.74 ID	331.8	102	63.5	218.5	282	14.16	18.41	2.948	152.4
<u>9002R</u> in->	6.042 ID	13.1	4	2.5	8.6	11.1	650	800	6.4	6
mm->	153.74 ID	331.8	102	63.5	218.5	282	18.41	22.65	2.903	152.4
<u>9003</u> in->	8.062 ID	18	5.3	3	11.4	14.4	800	1150	11.8	8
mm->	204.77 ID	457.2	135.7	76.2	290.5	366.7	22.65	32.56	5.352	203.2
<u>9004</u> in->	8.062 ID	18	5.3	3	11.4	14.4	1150	1400	11	8
mm->	204.77 ID	457.2	135.7	76.2	290.5	366.7	32.56	39.64	4.99	203.2

Airflows above 140 CFM (39.64 m3/m) can be handled with multiple unit installations.
Please contact Sy-Klone for assistance.

