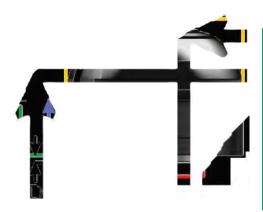


Series 9000 Models: Dimensions, Airflow, & Hood Clearance



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 equiptment, 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 efficency to provide the longest filter life and best engine performance. Recent additions to the Series9000 product lines allows for precision in the sizing of precleaners that was previously not possible. This matrix replaces all previous sizing matracies.

Model	Dimensions in inches or <i>millemeters</i> (ID = inner diameter)						Airflow: CFM or m3/m		Weight Ib or <i>kg</i>	Min Hood Clearanc e
	Α	В	С	D	E	D+E	Min	Max		inches or <i>mm</i>
9000 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
9000R 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
9001 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
9001R 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
9005 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
9002 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
9002R 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
9003 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
9004 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



9002





Airflows above 140 CFM (39.64 m3/m) can be handled with multiple unit installations.





Please contact Sy-Klone for assistance.

9000R

9002R