

Air Box Sizing Guide

[View this guide online at www.reverie.ltd.uk/air_box_sizes.php](http://www.reverie.ltd.uk/air_box_sizes.php)

[You can view the companion air box selection guide here](#)



Filter type Key

Filter Type	Symbol	Link To Product area
Remote	✓	Remote Filters
Internal Dome	✓	Internal Foam Dome Filters
Panel	✓	Pannel Filters
Trumpet Sock	✓	Trumpet socks
Internal Cone	✓	Cone Filters
Rectangular Air filter	✓	Rectangular Filters

Hockenheim

Model	Dimensions (mm)			Volume (litres)	Inlet type/size	Filter type
	A	B	C			
354	354	122	199	9.13	Snorkel	✓✓
422	422	144	239	14.87	Snorkel	✓✓✓
422 XE	422	144	239	14.87	100 / 75mm	✓✓
585	585	144	239	22.35	Snorkel	✓✓
405	405	305	200	26.68	Snorkel	✓✓✓✓*
605	605	305	200	39.86	Snorkel	✓✓

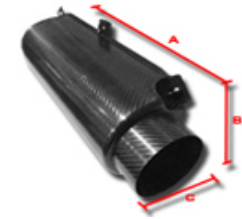
*When used with interlagos ram air filter cowl



Model	Back plate option and fitted depth (C) dimation (mm)				
	Standard	Flat	20mm spacer	40mm spacer	60mm spacer
354	239	121	259	279	299
422	259	241	279	299	319
422 XE	389	N/A	N/A	N/A	N/A
585	259	241	279	299	319
405	220	202	240	260	280
605	220	202	240	260	280

Zolder

Model	Dimensions (mm)			Volume (litres)	Inlet type/size	Filter type
	A	B	C			
65 C	660	150	65	4.125	100mm	✓
65 X	565	200	65	4.125	100mm	✓
112 D	490	140	112	5.725	100mm / Snorkel	✓✓
112 X	143	275	112	5.725	100mm	✓✓



model	Back plate option and fitted depth (C) dimention (mm)		
	standard	shallow 30mm	deep 60mm
65 C	67	97	127
65 X	67	97	127
112 D	114	144	174
112 X	114	144	174

Silverstone

Model	Dimensions (mm)			Volume (litres)	Inlet type/size	Filter type
	A	B	C			
LH 102	590	150	102	8.40	152mm	✓✓
RH 102	590	150	102	8.40	152mm	✓✓
LH 78	590	160	78	7.60	152mm	✓✓
RH 78	590	160	78	7.60	152mm	✓✓



Model	Back plate option and fitted depth (C) dimention (mm)		
	Alloy	Carbon	20mm Spacer
LH 102	104	104	122
RH 102	104	104	122
LH 78	80	80	98
RH 78	80	80	98

Sebring

Model	Dimensions (mm)			Volume (litres)	Inlet type/size	Filter type
	A	B	C			
4-105	500	200	105	10.500	Snorkel	✓✓
4-78.5	500	200	78.5	7.850	Snorkel	✓✓
4-67.0	500	200	67	6.700	Snorkel	✓✓
4-54.5	500	200	54.5	5.450	Snorkel	✓✓



Model	Back plate option and fitted depth (C) dimension (mm)			
	Standard	20mm spacer	40mm spacer	60mm spacer
4-105	105	125	145	165
4-78.5	78.5	98.5	118.5	138.5
4-67.0	67	87	107	127
4-54.5	54.5	74.5	94.5	114.5

Interlagos

Model	Dimensions (mm)			Volume (litres)	Inlet type/size	Filter type
	A	B	C			
425	425	140	128	7.10	Snorkel	✓
425F	425	140	128	6.00	Snorkel	✓
425X	425	140	128	9.95	100mm	✓✓*
425Y	425	140	128	9.45	100mm	✓✓*
425Z	425	140	128	9.15	Snorkel	✓✓*

*When used with interlagos ram air filter cowl



Model	Back plate option and fitted depth (C) dimension (mm)				
	Standard	Flat	20mm spacer	40mm spacer	60mm spacer
425	148	130	168	188	208
425X	318	N/A	338	358	378
425Y	210	N/A	230	250	270
425Z	253	N/A	273	293	313

Snorkel size guide

BHP category	Open Area (cm ²)	Snorkel Diameter (mm)
210	44.18	75
280	78.54	100
280+	127.68	127.5

The Formulae for the Engine CFM is:

$$\text{CFM} = \text{CI} / 3464 * \text{Max RPM}$$

$$703 \text{ CFM} = 347.84\text{CI} / 3464 * 7000\text{RPM}$$

Or if supercharged...

$$\text{CFM} = (\text{CI} * \text{RPM} / 3456) * (\text{boost}(\text{psi}) / 14.7 + 1)$$

