

Air Box Sizing Guide

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

[View technical drawings](#)

Filter type Key

Filter Type	Symbol	Link To Product area
Remote	✓	Remote Filters
Internal Dome	✓	Internal Foam Dome Filters
Panel	✓	Panel 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	Max. 199	9.13	Snorkel	✓✓
422	422	144	Max. 239	14.87	Snorkel	✓✓✓
422 XE	422	144	Max. 239	14.87	100 / 75mm	✓✓
422MAX	530	165	Max. 285	16.80	150mm	✓✓✓
585	585	144	Max. 239	22.35	Snorkel	✓✓
405	405	305	Max. 200	26.68	Snorkel	✓✓✓✓*
605	605	305	Max. 200	39.86	Snorkel	✓✓
NOTE: dimension C can be cut down to suit						

Model	Back plate option and fitted depth (C) dimension (mm)				
	[1] Standard 20mm	Flat	20mm fuel spacer	40mm fuel spacer	60mm fuel spacer
354	239	121	259	279	299
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
	[1] Standard (20mm)	Flat	[2] 50mm Spacer	[3] 80mm Spacer	
422	259	239	289	319	
422MAX	385	285	335	365	

REVERIE



422/422MAX
backplates



Zolder

Model	Dimensions (mm)			Volume (litres)	Inlet type/size	Filter type
	A	B	C			
(to suit Pipercross PX600 or ITG JC50 backplates)						
65C	660	150	65	4.125	100mm	✓
65X	565	200	65	4.125	100mm	✓
112D	490	140	112	5.725	100mm / Snorkel	✓✓
112X	143	275	112	5.725	100mm	✓✓
150D	480	160	147.8	9.15	127.5mm	✓✓
122	527.2	256	123.7	7.15	100mm	✓✓
(to suit ITG JC100 backplates)						
Macau	655	245	117	10.5	127.5mm	✓✓✓
MAX	704	245	177	17.0	127.5/150mm	✓✓✓

Model	Back plate option and fitted depth (C) dimension (mm)			
	standard	shallow 30mm	deep 60mm	deep 90mm
65C	67	97	127	157
65X	67	97	127	157
112D	114	144	174	204
112X	114	144	174	204
150D	180	210	240	270
122	125.7	155.7	185.7	215.7
Macau	137	167	197	227
MAX	197	227	257	287



112 RH entry shown



Optional dome filters

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) dimension (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

RH entry shown



Optional filter
R01SE6098

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	Max. 128	7.10	Snorkel	✓
425F	425	140	Max. 128	6.00	Snorkel	✓
425X	425	140	Max. 128	9.95	100mm	✓✓*
425Y	425	140	Max. 128	9.45	100mm	✓✓*
425Z	425	140	Max. 128	9.15	Snorkel	✓✓*
*When used with interlagos ram air filter cowl						



RH entry shown

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



425X,Y,Z feature internal panel filter

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...

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

