



ASTON MARTIN

**Technical Specification – V12 Vantage S**

**Engine**

Engine / Cylinder / Valves	-	V / 12 / 48
Capacity	cc	5935
Stroke/Bore	-	79.5 / 89
Compression Ratio	:1	10.7:1
Max. Power @ rpm	PS	573 @ 6750
	bhp	565 @ 6750
	kW	422 @ 6750
Max. Torque @ rpm	Nm	620 @ 5750
Fuel Type	-	Petrol
Fuel Supply System	-	Electronic Fuel Injection
Ignition	-	Coil on plug
Cooling System	-	Liquid
Lubrication System	-	Pump
Intake System	-	Air

**Drivetrain**

Gearbox Type	-	Sportshift III	
Gearing Ratios	1 <sup>st</sup>	:1	3.286
	2 <sup>nd</sup>	:1	2.158
	3 <sup>rd</sup>	:1	1.609
	4 <sup>th</sup>	:1	1.269
	5 <sup>th</sup>	:1	1.034
	6 <sup>th</sup>	:1	0.848
	7 <sup>th</sup>	:1	0.675
	R	:1	3.286
Final Drive	:1	3.727	
Clutch	-	Twin-plate	
Differential	-	Limited Slip	

**Performance**

Top Speed	mph / km/h	205 / 328
Acceleration 0-60mph	Sec.	3.7
Acceleration 0-100km/h	Sec.	3.9
Output-per-Litre	PS/l	96.71
Power-to-Weight Ratio	PS/t	344.14
	bhp/t	339.34
	kW/t	253.45

**Fuel Consumption**

Urban (UK)	mpg	12.6
Extra-Urban (UK)	mpg	27.7
Combined (UK)	mpg	19.2
Urban (EU)	l/100km	22.5
Extra-Urban (EU)	l/100km	10.2
Combined (EU)	l/100km	14.7
City (US)	US mpg	12
Highway (US)	US mpg	18
Combined (US)	US mpg	14
CO <sub>2</sub> (UK & EU)	g/km	343
CO <sub>2</sub> (US)	g/mile	491
Emissions Rating	-	M

**Chassis**

Front Suspension Setup	-	Independent double wishbones incorporating anti-dive geometry, coil springs, anti-roll bar and monotube dampers
Rear Suspension Setup	-	Independent double wishbones with anti-squat and anti-lift geometry, dual-rate coil springs and monotube dampers
Adaptive Damping System	-	3-stage Adaptive Damping System (ADS) with Normal, Sport and Track modes
Front Brakes (Diameter)	mm	398
Rear Brakes (Diameter)	mm	360
Front Brake type	-	Ventilated carbon ceramic discs with six-piston monobloc calipers
Rear Brake type	-	Ventilated carbon ceramic discs with four-piston monobloc calipers
Steering System	-	Servotronic Rack & Pinion Power-Assisted Steering
Turning Circle (Kerb-to-Kerb)	metres (ft)	11.8 (38.7)
Steering Ratio	:1	15:1



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Lock-to-Lock	-	2.6 Turns
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**Dimensions – Exterior**

Length	mm (in)	4385
Width with Mirrors	mm (in)	2022
Height	mm (in)	1250
Front Track	mm (in)	1570
Rear Track	mm (in)	1575
Wheelbase	mm (in)	2600
Fuel Capacity	litres	80
	US gallons	21.1
Luggage Capacity	litres	300
	Cu. Ft.	10.5

**Weights**

Kerbweight With Driver (75kg)	kg	1740
Kerbweight Without Driver	kg	1665
Kerb Weight With Driver (165lb)	lb.	3835
Kerb Weight Without Driver	lb.	3670
Weight Distribution	Front % Rear	51 / 49

**Tyres & Rims**

Front Tyre	-	Pirelli P Zero Corsa 255 / 35 ZR19
Rear Tyre	-	Pirelli P Zero Corsa 295 / 30 ZR19
Front Rims	-	9J x 19"
Rear Rims	-	11J x 19"

**Safety**

Safety Equipment	-	Dual-stage/passenger front airbags, side airbags in seats, airbag ring situated in sports steering wheel.
Electronic Assistance Systems	-	Dynamic Stability Control (DSC) with 'Track' mode, Anti-lock Braking System (ABS) with 'Track' mode, Electronic Brakeforce Distribution (EBD), Emergency Brake Assist (EBA), Traction Control (TC).

**Standard Features**

<p><b>Body</b></p> <ul style="list-style-type: none"> <li>- Two-seat, two-door coupe body style</li> <li>- Extruded bonded aluminium VH body structure of Aluminium, magnesium alloy, composite and steel.</li> <li>- Extruded aluminium door side-impact beams</li> <li>- Halogen projector headlamps (main beam)</li> <li>- Black headlamp bezels</li> <li>- LED rear lamps</li> <li>- Clear rear lamps with a black border</li> <li>- Carbon fibre front splitter and rear diffuser</li> </ul> <p><b>Interior</b></p> <ul style="list-style-type: none"> <li>- Full-grain leather interior</li> <li>- Piano Black facia trim, centre stack and door pulls</li> <li>- Alcantara-trimmed sports steering wheel</li> <li>- Electrically adjustable sports seats</li> <li>- Memory seats and exterior mirrors (three positions)</li> <li>- Automatic temperature control</li> <li>- Organic electroluminescent (OEL) displays</li> <li>- Trip computer</li> <li>- Cruise control</li> <li>- Bluetooth telephone preparation</li> <li>- Satellite navigation system</li> <li>- Auto-dimming interior rear-view mirror</li> <li>- Tyre pressure monitoring system</li> <li>- Glass switches</li> <li>- LED map-reading lights</li> </ul> <p><b>Exterior</b></p> <ul style="list-style-type: none"> <li>- Carbon Fibre front grille</li> <li>- Titanium front grille and side strake mesh</li> <li>- Powerfold exterior heated mirrors</li> <li>- Rear-parking sensors</li> <li>- Heated rear screen</li> <li>- 19" 10-spoke forged alloy Graphite painted wheels with diamond-turned finish</li> </ul>
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#### **Security**

- Alarm (with volumetric and tilt sensor) and immobiliser
- Remote-control central door locking and boot release
- Tracking device (UK only)

#### **In-car Entertainment**

- 160W Aston Martin audio system with six-CD autochanger
- DAB radio
- Integrated Apple iPod connector
- USB connector with Waveform Audio Format (WAF), Windows Media Player (WMA) and MPEG (MP3) audio file compatibility

**RRP\***

**£138,000.00**

\*UK RRP – For regional pricing, please contact your relevant Brand Communications contact.