

2013 ATL PRODUCT GUIDE

1 SAVER CELLS**

Manufactured from unique ATL565 material, supplied fully foam baffled with 1 x 6" x 10" top plate, 2 x -6 fuel pickups, 1 x -6 rollover vent valve, Ø 2 1/4" non-return filler neck with integral valve. (Note: SA-AA-030 is fitted with 4" x 6" top plate, 1 x -6 fuel pick up and filter, 1 x -6 rollover vent and 1 x Ø 2 1/4" filler neck with safety valve and cap. FIA/FT3-1999 approved**.



Capacity	Alloy Container External Dimensions:	Saver Cell Part No.	Alloy Container Part No.
20L	350 x 350 x 240mm	(SA-AA-030)	(SA-AA-031)
30L	534 x 326 x 240mm	(SA-AA-040)	(SA-AA-041)
40L	638 x 337 x 270mm	(SA-AA-050)	(SA-AA-051)
45L	531 x 464 x 250mm	(SA-AA-060)	(SA-AA-061)
60L	633 x 461 x 250mm	(SA-AA-070)	(SA-AA-071)
80L	673 x 673 x 225mm	(SA-AA-080)	(SA-AA-081)
80L	658 x 440 x 355mm	(SA-AA-090)	(SA-AA-091)
80L	881 x 459 x 250mm	(SA-AA-100)	(SA-AA-101)
100L	777 x 461 x 375mm	(SA-AA-110)	(SA-AA-111)
100L	661 x 443 x 445mm	(SA-AA-120)	(SA-AA-121)
120L	671 x 671 x 340mm	(SA-AA-130)	(SA-AA-131)
120L	671 x 496 x 445mm	(SA-AA-140)	(SA-AA-141)
120L	888 x 462 x 377mm	(SA-AA-150)	(SA-AA-151)
120L	646 x 441 x 560mm	(SA-AA-160)	(SA-AA-161)
170L	671 x 671 x 445mm	(SA-AA-170)	(SA-AA-171)

All fuel cells experience some swelling when subjected to fuels (approx. 2-4% linear), therefore allow 2 weeks of fluid contact for Racell and Saver Cell bladder dimensions to stabilise.

Mandatory for MSA Regulations, all Saver Cells have to be fitted with a Saver Spill Tray. For injected engines, please fit an Internal Collector or Catchtank System. Contact our technical sales team for more information.

** Please note all FIA approved fuel cells are subject to an FIA surcharge (Part No. AC-AB-300) of £21.73 not included in the price. Please state if FIA approval is needed at time of ordering.

2 SAVER 'D' CELLS**

Capacity	Dimensions (ØxH)	Part No.
30Litre	Ø 550 x 160mm	(SA-AA-180)
30Litre*	Ø 550 x 160mm	(SA-AA-182)
45Litre	Ø 550 x 205mm	(SA-AA-190)
45Litre*	Ø 550 x 205mm	(SA-AA-192)

D Cells also available in ATL lightweight rubberised fabric for weight savings. Fabric cells can comply to either FIA/FT3-1999 or FIA/FT3.5-1999**. *Shown with optional internal collector and rear outlet/return plate.



Saver 'D' Cell

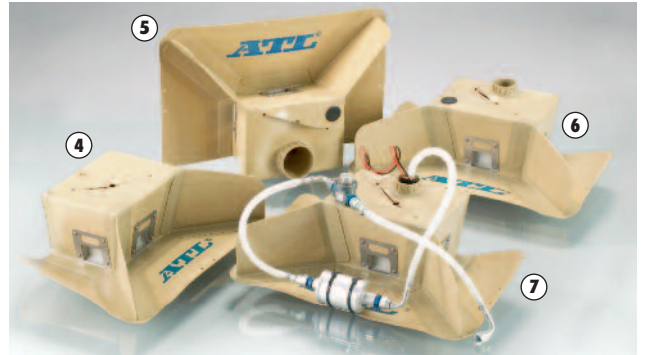


Racell Fuel Cell



3 RACELL FUEL CELLS**

Capacity	Dimensions (LxWxH)	Part No.
10Litre	203 x 203 x 381mm	(SA-AA-010)
20Litre	254 x 254 x 457mm	(SA-AA-020)

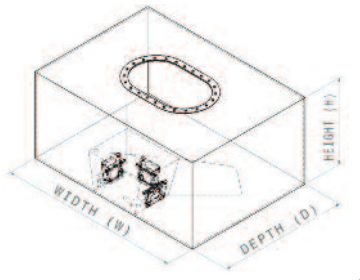


INTERNAL COLLECTOR SYSTEMS

- 4 Internal collector system 3.0Litre - no pump mounts.# (CL-AA-023)
 - 5 Internal collector system 3.0Litre - with 1 pump mount to suit Bosch pump.# (CL-AA-024)
 - 6 Internal collector 3.0Litre with 1 pump mount to suit AC and Walbro pumps. Can also accept PRV housing.# (CL-AA-024)
 - 7 Return-less System fitted with 1 x 5 bar (210Litre/hr) pump (PU-AB-050), Filter (FT-AC-003) and PRV Housing (PRV not included).* (CL-AA-029)
- Internal Collector 3.0Litre with 2 pump mounts to suit AC and Walbro Pumps. Can also accept PRV Housing.# (CL-AA-027)
- #Pumps not included. *Bosch pump version also available.

DESIGN YOUR OWN FUEL CELL

ATL offer a custom design service. Call our sales team for a spec sheet or email a simple dimensioned sketch to sales@atltd.com for a quote.



Rallye Raid Cells



Many more vehicle specific tanks available. Please call or visit our website.

FUEL CELLS

Mitsubishi Evo 10 Rally Grp N Cells



Jaguar C-Type Historic Race Cells



REFUELLING BOTTLES AND ACCESSORIES

Options	8 Single - 12 Vent Part No.	9 Double Vent Part No.	10 Remote Vent Part No.
1.5" Straight	(RE-AA-009)	(RE-AA-005)	(RE-AA-014)
1.5" 135	(RE-AA-010)	(RE-AA-006)	(RE-AA-015)
2" Straight	(RE-AA-011)	(RE-AA-007)	(RE-AA-016)
2" 135	(RE-AA-012)	(RE-AA-008)	(RE-AA-017)

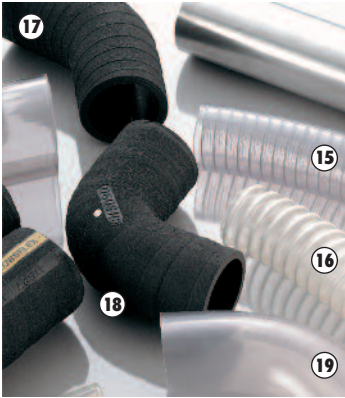
- 11 Female dry break valve single 2" 120.6mm 12 bolt PCD tank mount (RE-AG-010)
- 12 Female dry break valve single 2" to suit 2.25" hose remote mount (RE-AG-012)
- 13 Staubli quick disconnect fitting -12 male plug panel mount (TF-AD-020)
- 14 Housing to suit above -12 Staubli vent carside 101.6mm 8 bolt PCD (RE-AB-021)
- 15 Female dry break valve dual 2" to suit 2.25" hose remote mount (RE-AG-021)
- 16 Female dry break valve dual 2" tank mount oval (RE-AG-020)
- 17 ATL engraved flush cap 101.6mm 9 bolt PCD non locking (FL-AB-018)
- 18 Female dry break valve single 2" 101.6mm 9 bolt PCD tank mount (RE-AG-009)
- 19 Fireguard neck funnel to suit item 17 or 18 101.6mm 9 bolt PCD to suit 2.25" hose (FL-AC-510)
- 20 ATL bottle stand to suit items 8, 9 or 10 (RE-AB-001)

ATL's dry break couplings can provide refuelling rates of up to 8 Litres per second.

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FILTERS AND VENT VALVES

	Part No.
① Filter sock fabric 74 micron Walbro offset T	(FT-AB-003)
② Filter sock fabric 74 micron-06 hose tail	(FT-AB-005)
③ NEW Filter sock fabric 74 micron Protec LP	(FT-AB-016)
④ Filter pre-pump st-steel 60 micron M14X1.50	(FT-AB-022)
⑤ Filter pre-pump st-steel 60 micron M18X1.50	(FT-AB-023)
⑥ Filter sock fabric 74 micron AC offset T	(FT-AB-001)
⑦ NEW Filter Post Pump Paper 25 micron -06 ends	(FT-AC-018)
⑧ Valve vent Ø8mm 50mbar blow off 5mbar vacuum	(TF-AF-009)
⑨ Valve vent Ø11mm float inline to suit -06 hose	(TF-AF-004)
⑩ Valve vent FIA -06 rollover float 200mbar	(TF-AF-019)
⑪ Valve vent -06 50mbar blow off 5mbar vacuum	(TF-AF-008)
⑫ Valve vent assy. -06 rollover	(TF-AA-350)
⑬ Valve vent assy. -12 rollover	(TF-AA-353)
⑭ Valve vent assy. -06 JIC rollover float	(TF-AA-475)



FUEL FILLER HOSES

Size/Capacity (Diameter)	Colour	Part No.
⑮ Ø1.50" (38mm) rig refuelling hose (smoothbore)	Clear	(RE-AJ-018)
⑯ Ø1.50" (38mm) rig refuelling hose (lightweight)	Clear	(RM-AB-001)
⑰ Ø2.00" (51mm) Refuelling hose, smoothbore, wire reinforced	Clear	(RM-AB-013)
⑱ Ø2.00" (51mm) Lightweight/flexible	Black	(RM-AB-011)
⑲ Ø2.00" (50mm) smoothbore	Black	(RM-AB-012)
⑳ Ø2.00" (51mm) 45° elbow (each)	Black	(RE-AE-019)
㉑ Ø2.00" (51mm) 90° elbow (each)	Black	(RE-AE-020)
㉒ Ø2.25" (57mm) 45° elbow (each)	Clear	(RE-AE-008)
㉓ Ø2.25" (57mm) Refuelling hose, smoothbore, wire reinforced	Clear	(RM-AB-024)
㉔ Ø2.25" (57mm) Smoothbore	Black	(RM-AB-023)
㉕ Ø2.25" (57mm) 45° elbow (each)	Black	(RE-AE-007)
㉖ Ø2.25" (57mm) 90° elbow (each)	Black	(RE-AE-009)
㉗ Ø2.25" (57mm) lightweight/flexible	Black	(RM-AB-021)
㉘ Ø2.25" (57mm) smoothbore	Clear	(RM-AB-022)
㉙ Ø2.50" (63mm) Lightweight, flexible hose	Black	(RM-AB-031)
㉚ Ø3.50" (89mm) aluminium fire guard	Alloy	(RM-AB-041)

Hose is sold per 100mm. Minimum order quantity is 500mm.
Items 15 and 16 sold in either 5m or 10m length only.



⑳ Baffle Foam

Internal safety foam reduces fuel slosh, aids fuel pickup and suppresses explosion. Custom sizes can be individually cut (note: cutting charge will apply). Price per cu.ft (28 Litres)
Yellow (petrol) (FM-AB-001)
Blue (for diesel, methanol and water) (FM-AB-002)



FUEL LEVEL GAUGES

Level gauge systems only work with negative earth electrical systems. Sender operates at 240 Ohms empty to 33 Ohms full or 0-5v. Senders can be cut to length and calibrated (by customer) to suit depth of fuel cell. (Not less than 200mm)

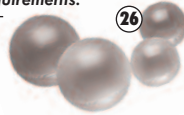
⑲ Fuel sender probe 540mm. 240-33 Ohms. For use with gauge*	(EL-AD-151)
⑳ 0-5V. For use with telemetry*	(EL-AD-152)
㉑ NEW Fuel sender probe 540mm. 240 – 33 Ohms. For use with gauge**	(EL-AD-173)
㉒ -6 Dipstick fitted with alloy cap (up to 300mm tank depth)	(EL-AD-500)
㉓ Fuel level dashboard gauge. 240-33 Ohms	(EL-AD-068)

* Only suitable for use with EU standard pump fuel.

** For non-standard fuels. Senders are supplied cut to suit customer requirements.

㉔ VOLUME DISPLACEMENT BALLS

0.18 Litres/0.04 gal	(AC-AC-005)
0.52 Litres/0.11 gal	(AC-AC-006)
1.77 Litres/0.39 gal	(AC-AC-007)



FUEL PUMPS AND WIRING

⑳ NEW Protec low pressure pump, 185 l/hr @ 0.28bar, in-tank only, one-way valve	(PU-AC-080)
㉑ AC low pressure pump, 126 l/hr @ 0.21 bar, in-tank only	(PU-AC-010)
㉒ AC low pressure pump, 126 l/hr @ 0.21 bar, in-tank only, -6 JIC takeoff	(PU-AC-011)
㉓ Walbro 401 low pressure pump, 110 l/hr @ 1.5 bar, in-tank only	(PU-AC-030)
㉔ VDO low pressure pump, 126 l/hr @ 0.21 bar, in-tank only	(PU-AC-021)
㉕ VDO low pressure pump, 126 l/hr @ 0.21 bar, in-tank only	(PU-AC-020)
㉖ Bosch high pressure pump, 165 l/hr @ 5 bar, M14/M12 ends	(PU-AB-020)
㉗ Bosch high pressure pump, 200 l/hr @ 5 bar, M18/M12 ends	(PU-AB-030)
㉘ Bosch high pressure pump, 200 l/hr @ 8 bar, M18/M12 ends	(PU-AB-040)
㉙ NEW Protec high pressure pump, 200 l/hr @ 5 bar, in-tank only	(PU-AB-051)
㉚ Walbro 340 high pressure pump, 200 l/hr @ 5 bar, in-tank only	(PU-AB-050)
㉛ Walbro 392 high pressure pump, 140 l/hr @ 5 bar, M10/M10 ends	(PU-AB-060)
㉜ Single mount (carbon) to suit Bosch pump or filter (Ø60mm)	(CL-AF-050)
㉝ Double banjo union (M18), nuts and washers not included	(PU-AD-003)
㉞ Double banjo union (M12), nuts and washers not included	(PU-AD-001)

ELECTRICAL CONNECTORS

4 pin Military conn. (male tank side and female car side) and 1m loom	(EL-AA-004)
6 pin Military conn. (male and female) and 1m loom	(EL-AA-005)
2 pin clubman electrical connector set (bulkhead and quick-disconnect set, 14-16 gauge wire)	(EL-AA-001)



FLUSH FILLER CAPS AND FUNNELS

㉟ Ø 3" PCD, tank mount, non locking	(FL-AB-001)
㊱ Ø 3" PCD tank mount locking	(FL-AB-002)
㊲ Ø 3" PCD wing mounted non-locking, Ø 50/57mm neck	(FL-AB-004)
㊳ Ø 3" PCD wing mounted, locking, Ø 50/57mm neck	(FL-AB-003)
㊴ Ø 4" PCD tank mount, non-locking	(FL-AB-011)
㊵ Ø 4" PCD tank mount, locking	(FL-AB-012)
㊶ Ø 4" PCD, tank mount, locking (9 bolt)	(FL-AB-013)
㊷ Ø 4" PCD, Ø 2" funnel for item 3	(FL-AC-503)
㊸ Ø 4" PCD, Ø 2 1/4" funnel for item 3	(FL-AC-504)
㊹ Ø 2" straight filler neck, screw cap on Ø3" PCD plate	(FL-AA-004)
㊺ Ø 43/4" PCD, tank mount, non-locking	(FL-AB-021)



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