

# 2010 ATL PRODUCT GUIDE



ATL manufacture a wide range of fuel cells for race and rally teams Worldwide including Mitsubishi, Subaru, Porsche, Ferrari, Caterham, Ford and BMW as well as leading F1 teams and one off bespoke fuel cells to comply with all FIA standards (FT3-1999/FT3.5-1999 and FT5-1999).

**ATL**  
AERO TEC LABORATORIES LTD.

## Rally GRP N Cells



## Rallye Raid Cells



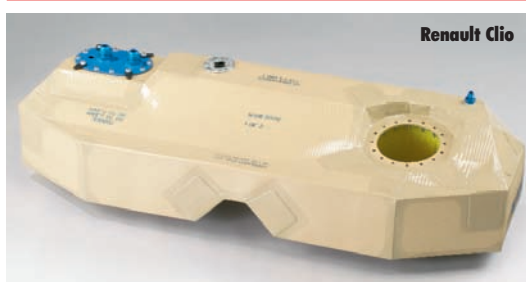
## F1/Single Seater Cells



## GT/Endurance Cells



## Touring Car Cells



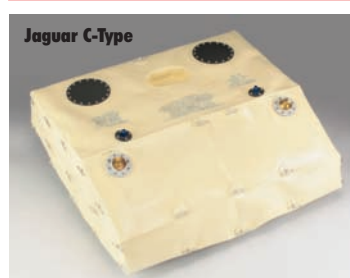
## Cockpit Cells



## Seat Back Cells



## Historic Race Cells



## Historic Sill Cells

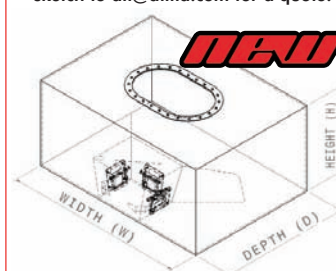


## Race/Rally Boot Cells

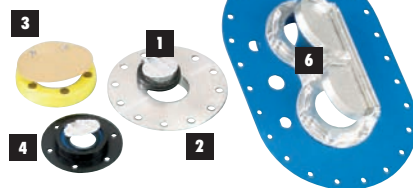


## DESIGN YOUR OWN FIA HOMOLOGATED FUEL CELL

We are able to offer a custom design service. Call our sales team for a spec sheet or email a simple dimensioned sketch to [atl@atlltd.com](mailto:atl@atlltd.com) for a quote.



ATL Racing Fuel Cells, 1 Patriot Drive, Rooksley, Milton Keynes, MK13 8PU, England



### STANDARD PLATES

Range of top plates and adaptor for quick, easy fitment of fuel supply and return, wiring connections etc.

- 1** FIA Non-Return Filler Valve (FIA homologated) (FL-AE-002)
- 2** FIA Non-Return Filler Valve Housing (120.6mm PCD) (FL-AE-004)
- 3** M6 Nut Ring (762.6mm PCD) with integral fabric flapper (FL-AE-005)
- 4** FIA Non-Return Filler Valve Housing (76.2mm PCD) (FL-AE-003)
- 5** 6x10 plate with 2 x 762-6 pattern to accept item 6, 2 x -6 holes and -8 hole. (PL-BG-022)
- 6** Dual safety flapper valve. Both valves open under refuelling and shut tight when refuelling stops. To suit (PL-BG-022), not included in price. (FL-AE-010)
- 7** 6x10 plate with 762-6 pattern, L/G pattern, 3 bolt pattern, 2 x -6 holes and -8 hole. (PL-BG-021)

- A.** Blank plate (3 bolt hole). (PL-CB-002)
  - B.** Plate to suit -6 adaptor (3 bolt). (PL-CB-003)
  - C.** Plate to suit -8 adaptor (3 bolt). (PL-CB-004)
  - D.** Plate to suit -10 adaptor (3 bolt). (PL-CB-005)
  - E.** Plate to suit -12 adaptor (3 bolt). (PL-CB-006)
  - F.** Plate to suit PRV Housing (3 bolt). (PL-CB-007)
  - G.** Plate to suit 'Clubman' loom fitting (3 bolt). (PL-CB-008)
  - H.** Plate to suit loom fitting (Shell 8, 3 bolt). (PL-CB-009)
  - I.** Plate to suit loom fitting (Shell 10, 3 bolt). (PL-CB-010)
  - J.** Plate to suit loom fitting (Shell 12, 3 bolt). (PL-CB-011)
  - K.** Plate to suit loom fitting (Shell 14, 3 bolt). (PL-CB-012)
  - L.** Plate to suit M16 vent valve bulkhead mounted (3 bolt). (PL-CB-013)
  - M.** Plate to adapt 762-6 (M6) to 762-6 (M5) for flush filler caps (6 bolt). (PL-CC-001)
  - N.** Plate to suit -12 adaptor (6 bolt). (PL-CC-002)
- ATL Sticker Pack containing various labels for bulkhead adaptors: Fill, main, reserve, pick-up, vent, drain, loom (all sizes -6 to -12). (AC-AB-001)

### CATCHTANK SYSTEMS

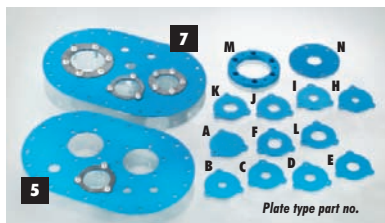
ATL have manufactured pump-fed alloy catchtanks (for in-tank use only). Also shown is the standard internal or external catchtank (CL-AB-003). Catchtanks use the Standard Plates.

- 8** Single Bosch catchtank set containing alloy pot, single clamp ring, single carrier ring and 'O' rings. (CL-AA-033)
- 9** Double Bosch catchtank set containing alloy pot, double clamp ring, double carrier ring and 'O' rings. (CL-AA-034)
- 10** External 1.5 litre capacity alloy swirlpot with -8 fuel outlet, 2 x -6 fuel inlets, -6 fuel return and -6 fuel bleed to main fuel tank. (CL-AB-003)
- 11** 6 x 10 plate with 762-6 pattern, L/G pattern, 3 bolt pattern, single Bosch catchtank pattern (to suit CL-AA-030) and 2 x -6 holes. (PL-BG-023)
- 12** 6 x 10 plate with double Bosch catchtank pattern (to suit CL-AA-031) and 3 x -6 holes. (PL-BG-024)
- 13** 6 x 10 plate with double Bosch catchtank pattern (to suit DBCR01), 3 x -6 holes and Shell 8 electrical 'D'. (PL-BG-025)



### INTERNAL COLLECTOR SYSTEMS

- 13** Internal collector system 3.0L - no pump mounts.# (CL-AA-023)
  - 14** Internal collector system 3.0L - with 1 pump mount to suit Bosch pump.# (CL-AA-026)
  - 15** Internal collector 3.0L with 1 pump mount to suit AC and Walbro pumps. Can also accept PRV housing.# (CL-AA-024)
  - 16** Return-less System fitted with 1 x 5 bar (200/hr) pump (PU-AB-050), Filter (FI-AC-002) and PRV Housing (PRV not included).# (CL-AA-029)
- Internal Collector 3.0L 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.



### 17 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 21/4" non-return filler neck with integral valve. (Note: SA105 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 21/4" filler neck with safety valve and cap. FIA/FT3-1999 approved.



**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.**

Capacity	Alloy Container External Dimensions:	Saver Cell Part No.	Alloy Container Part No.	Replacement Baffle Foam Part No.
20L	350 x 350 x 240mm	(SA-AA-030)	(SA-AA-031)	(SA-AB-035)
30L	534 x 326 x 240mm	(SA-AA-040)	(SA-AA-041)	(SA-AB-045)
40L	638 x 337 x 270mm	(SA-AA-050)	(SA-AA-051)	(SA-AB-055)
45L	531 x 464 x 250mm	(SA-AA-060)	(SA-AA-061)	(SA-AB-065)
60L	633 x 461 x 250mm	(SA-AA-070)	(SA-AA-071)	(SA-AB-075)
80L	673 x 673 x 225mm	(SA-AA-080)	(SA-AA-081)	(SA-AB-085)
80L	658 x 440 x 355mm	(SA-AA-090)	(SA-AA-091)	(SA-AB-095)
80L	881 x 459 x 250mm	(SA-AA-100)	(SA-AA-101)	(SA-AB-105)
100L	777 x 461 x 375mm	(SA-AA-110)	(SA-AA-111)	(SA-AB-115)
100L	661 x 443 x 445mm	(SA-AA-120)	(SA-AA-121)	(SA-AB-125)
120L	671 x 671 x 340mm	(SA-AA-130)	(SA-AA-131)	(SA-AB-135)
120L	671 x 496 x 445mm	(SA-AA-140)	(SA-AA-141)	(SA-AB-145)
120L	888 x 462 x 377mm	(SA-AA-150)	(SA-AA-151)	(SA-AB-155)
120L	646 x 441 x 560mm	(SA-AA-160)	(SA-AA-161)	(SA-AB-165)
170L	671 x 671 x 445mm	(SA-AA-170)	(SA-AA-171)	(SA-AB-175)

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.

### 18 SAVER 'D' CELLS

Capacity	Dimensions (ØxH)	Part No.
30L	Ø 550 x 160mm	(SA-AA-180)
30L*	Ø 550 x 160mm	(SA-AA-182)
45L	Ø 550 x 205mm	(SA-AA-190)
45L*	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/FT5.3-1999.

\*With internal collector and rear outlet/return plate.



**Saver 'D' Cell**



### 19 RACELL FUEL CELLS

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

### 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.

- 21** Fuel level dashboard gauge. 240-33 ohms (EL-AD-051)
- 22** Fuel level dashboard gauge with low level LED indicator. 240-33 ohms (EL-AD-052)
- 23** Fuel sender probe (up to 540mm) 240-330 ohms (EL-AD-151)
- Fuel sender probe (up to 540mm) 0-5 volts (EL-AD-152)
- 24** -6 Dipstick fitted with alloy cap (up to 300mm tank depth) (EL-AD-500)
- 25** Fuel sender probe (100mm-305mm) 240-330 ohms (EL-AD-038)
- Fuel sender probe (305mm-610mm) 240-330 ohms (EL-AD-039)
- Fuel sender probe (610mm-915mm) 240-330 ohms (EL-AD-040)
- Fuel sender probe (915mm-1120mm) 240-330 ohms (EL-AD-041)



### 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 foam) (RM-AH-103) Blue (for diesel, methanol and water) (RM-AH-105) Anti-static (FIA mandatory for quick refuelling) (RM-AH-110) Fast flow, large pore foam (petrol) (RM-AH-115)





## FLUSH FILLER CAPS AND FUNNELS

- 1 Ø 3" PCD, tank mount, non locking  
 2 Ø 3" PCD wing mounted non-locking, Ø 50/57mm neck  
 3 Ø 3" PCD wing mount, locking, Ø 50/57mm neck  
 4 Ø 4" PCD tank mount non-locking  
 5 Ø 4" PCD tank mount, locking  
 6 Ø 4" PCD, Ø 2 1/4" funnel for item 3  
 7 Ø 4" PCD, Ø 2 1/4" funnel for item 3  
 8 Ø 2" straight filler neck, screw cap on Ø3" PCD plate  
 9 Ø 43/4" PCD, tank mount, non-locking  
 10 Ø 4" PCD, tank mount, locking (9 bolt)

(FL-AB-001)  
 (FL-AB-002)  
 (FL-AB-004)  
 (FL-AB-003)  
 (FL-AB-011)  
 (FL-AB-012)  
 (FL-AC-503)  
 (FL-AC-504)  
 (FL-AA-004)  
 (FL-AB-021)  
 (FL-AB-013)



## VENT VALVES

- 1 -6 Vent, in-line to suit -6 rubber lined hose, 3/8" hose barb  
 2 -6 Vent, in-line with -6JIC ends, rollover and float balls  
 3 -6 Vent, in-line with -6JIC ends, pressure relief 50mbar blow-off/5mbar vacuum  
 4 Ø8mm Vent, in-line with push-on ends, pressure relief 50mbar blow-off/5mbar vacuum  
 5 -6 FIA Vent, in-line, rollover, float, 200mbar\*  
 6 -10 Vent, in-line, rollover and float balls  
 7 -10 Vent, in-line, rollover and float balls and 200mbar PRV\*  
 8 -6 Vent, tank mount, rollover ball only  
 9 -6 Vent, tank mount, rollover and float balls, -6 bulkhead thread  
 10 -6 FIA Vent, tank mount, rollover, float, 200mbar (with M16 bulkhead thread)\*  
 11 -10 FIA Vent, tank mount, rollover, float, 200mbar (with M16 bulkhead thread)\*  
 12 -12 Vent, tank mount, rollover ball only

(TF-AF-004)  
 (TF-AF-695)  
 (TF-AF-008)  
 (TF-AF-009)  
 (TF-AF-019)  
 (TF-AF-015)  
 (TF-AF-014)  
 (TF-AA-350)  
 (TF-AA-713)  
 (TF-AF-021)  
 (TF-AF-022)  
 (TF-AA-353)

All vent valves can be supplied in either tank mounted or In-Line versions, from -6 to -12. Call for details. \*Meets FIA Article 258-6.3.4

## FUNNELS AND FILLER NECKS

To accept Ø57mm filler hose and Ø89mm Fire Guard. Mandatory from 2009, all exposed filler hose should be Fire Guard protected. Funnel will accept either ATL dry break valve (RE-AG-010) or ATL flush filler cap (FL-AB-013) (not included)

- 19 Fireguard funnel  
 20 45° funnel  
 21 Straight funnel

(FL-AC-510)  
 (FL-AC-009)  
 (FL-AC-007)

## FILTERS

- 22 Sock filter, 74 micron, for submersible AC pumps, 'T' fitting  
 23 Sock filter, 74 micron, for submersible Walbro pumps, offset 'T' fitting  
 24 Sock filter, 74 micron, for pickup hose, end fitting  
 25 Sock filter, 74 micron, for pickup hose, -6 straight barbed hose end fitting  
 26 Sock filter, 74 micron, for pickup hose, -8 straight barbed hose end fitting  
 27 Sock filter, 74 micron, for pickup hose, -8 90° barbed hose end fitting  
 28 In-tank pre-filter, 60 micron, with -6 male take-off, S/S, cleanable  
 29 In-tank pre-filter, 60 micron, with -8 male take-off, S/S, cleanable  
 30 Bosch pump in-tank pre-filter, 60 micron, M14, S/S, cleanable, to suit (PU-AB-020)  
 31 Bosch pump in-tank pre-filter, 60 micron, M10, S/S, cleanable, to suit (PU-AB-060)  
 32 Bosch pump in-tank pre-filter, 60 micron, M18, S/S, cleanable, to suit (PU-AB-030)  
 33 Canister filter, 25 micron, for pre and post pump, -6 fittings  
 34 Canister filter, 25 micron, for pre and post pump, 8mm push on

(FT-AB-001)  
 (FT-AB-003)  
 (FT-AB-004)  
 (FT-AB-005)  
 (FT-AB-006)  
 (FT-AB-007)  
 (FT-AB-008)  
 (FT-AB-024)  
 (FT-AB-025)  
 (FT-AB-022)  
 (FT-AB-021)  
 (FT-AB-023)  
 (FT-AC-003)  
 (FT-AC-002)

## FUEL FILLER HOSES

Size/Capacity (Diameter)	Colour	Part No.
Ø 11/2" (38mm) rig refuelling hose (smoothbore)	Clear	(RM-AB-002)
Ø 11/2" (38mm) rig refuelling hose (lightweight)	Clear	(RM-AB-001)
Ø 2" (51mm) Refuelling hose, smoothbore, wire reinforced	Clear	(RM-AB-013)
Ø 2" (51mm) Lightweight/flexible	Black	(RM-AB-011)
Ø 2" (50mm) smoothbore #	Black	(RM-AB-012)
Ø 2" (51mm) 45° elbow (each) #	Black	(RE-AE-017)
Ø 2" (51mm) 90° elbow (each) #	Black	(RE-AE-018)
Ø 2 1/4" (57mm) 45° elbow (each)	Clear	(RE-AE-008)
Ø 2 1/4" (57mm) Refuelling hose, smoothbore, wire reinforced	Clear	(RM-AB-024)
Ø 2 1/4" (57mm) Smoothbore #	Black	(RM-AB-023)
Ø 2 1/2" (63mm) Lightweight, flexible hose	Black	(RM-AB-031)
Ø 2 1/4" (57mm) 45° elbow (each) #	Black	(RE-AE-007)
Ø 2 1/4" (57mm) 90° elbow (each) #	Black	(RE-AE-009)
Ø 2 1/4" (57mm) lightweight/flexible	Black	(RM-AB-021)
Ø 2 1/4" (57mm) smoothbore	Clear	(RM-AB-022)
Ø 2 1/4" (57mm) reinforced	Black	(RM-AB-025)
Ø 3" (76mm) aluminium tubing	Alloy	(RM-AB-026)
Ø 3 1/2" (89mm) aluminium fire guard	Alloy	(RM-AB-041)

Hose is sold per 100mm. Minimum order quantity is 500mm. # UV resistant type



## FUEL PRESSURE REGULATOR VALVES

- 39 PRH with 3 x -6 fittings (in, out, return) M24 thread for tank/plate mounting. For non-Bosch PRV (RG-AC-001)  
 40 PRH with 3 x -6 fittings (in, out, return) M24 thread for tank/plate mounting. To suit all PRVs (RG-AA-002)  
 41 PRV, adjustable 2.2-3.5 bar, to suit (RG-AC-001) includes strainer (RG-AB-011)  
 42 PRV, adjustable 4.5-12.0 bar, with 2 x -6 adaptors + 1 x M16 bulkhead thread (RG-AB-013)  
 43 PRV, fixed (5.0 bar) to suit (RG-AC-001) (RG-AB-003)  
 44 PRV/FHA supplied with Sprint Filter (PRV to be purchased separately) (RG-AA-003)  
 45 PRV/FHA supplied with Enduro Filter (PRV to be purchased separately) (RG-AA-004)

Many other fixed and adjustable PRV's available from 1.5 bar to 12.0 bar. Replacement PRV SPRINT and ENDURO filter and seal kits available. Call for details.  
 PRH= Pressure Regulator Housing. PRV = Pressure Regulator Valve. FHA = Filter Housing Assembly



## FUEL PUMPS AND WIRING

- 46 AC low pressure pump, 126 l/hr @ 0.21 bar, in-tank only (PU-AC-010)  
 47 AC low pressure pump, 126 l/hr @ 0.21 bar, in-tank only, -6 JIC takeoff (PU-AC-011)  
 48 AC high pressure pump, 108 l/hr @ 3.5 bar, in-tank only (PU-AB-010)  
 49 VDO low pressure pump, 126 l/hr @ 0.21 bar, in-tank only (PU-AC-020)  
 50 VDO low pressure pump, 126 l/hr @ 0.21 bar, in-tank only (PU-AC-021)  
 51 Bosch high pressure pump, 165 l/hr @ 5 bar, M14/M12 ends (PU-AB-020)  
 52 Bosch high pressure pump, 200 l/hr @ 5 bar, M18/M12 ends (PU-AB-030)  
 53 Bosch high pressure pump, 200 l/hr @ 8 bar, M18/M12 ends (PU-AB-040)  
 54 Walbro 401 low pressure pump, 110 l/hr @ 1.5 bar, in-tank only (PU-AC-030)  
 55 Walbro 340 high pressure pump, 200 l/hr @ 5 bar, in-tank only (PU-AB-050)  
 56 Walbro 392 high pressure pump, 140 l/hr @ 5 bar, M10/M10 ends (PU-AB-060)  
 57 Single mount (carbon) to suit Bosch pump or filter (Ø60mm) (CL-AF-050)  
 58 Double banjo union (M12), nuts and washers not included (PU-AD-001)  
 59 Double banjo union (M18), nuts and washers not included (PU-AD-003)

## 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 (to suit 14-16 gauge wire) (EL-AA-001)  
 Deutsch Military Connector for (2) HP Pumps and (4) LP Pumps (EL-AA-101)

## QUICK DISCONNECT COUPLINGS

- 60 -6 Aluminium Q/R Coupling, Male nipple (Viton seal) (TF-AD-041)  
 61 -6 Aluminium Q/R Coupling, Female Coupler (Viton Seal) (TF-AD-042)  
 62 -8 Aluminium Q/R Coupling, Male nipple (Viton Seal) (TF-AD-043)  
 63 -8 Aluminium Q/R Coupling, Female Coupler (Viton Seal) (coupling has 1/2" NPT female threads) (TF-AD-044)  
 64 -6 Staubli Q/R male nipple, flat faced, with alloy dust cap (FIA fuel sample nipple) (TF-AD-015)  
 65 -6 Staubli Q/R male nipple, flat faced, without alloy dust cap (TF-AD-013)  
 66 -6 Staubli Q/R female coupler, flat faced, with lanyard (TF-AD-011)  
 67 -6 Staubli Q/R female coupler, flat faced, without lanyard (TF-AD-009)  
 68 -8 Staubli Q/R male nipple, flat faced (FIA fuel sample nipple) (TF-AD-017)  
 69 -8 Staubli Q/R male nipple, flat faced (FIA fuel sample nipple) -8 bulkheaded end (TF-AD-014)  
 70 -12 Staubli Q/R refuelling male nipple for FIA/WRC regulations, 6 bolt flange (TF-AD-026)  
 71 -12 Staubli Q/R refuelling male nipple for FIA/WRC regulations, -12 end\*\* (TF-AD-023)  
 72 -12 Staubli Q/R refuelling male nipple for FIA/WRC regulations, -12 bulkhead end\*\* (TF-AD-020)  
 73 -12 Staubli Q/R female coupler, M35 end (TF-AD-025)  
 74 -12 Staubli Q/R female coupler for WRC\*\* (TF-AD-018)

\*Approved by FIA for fuel sampling nipple. \*\*Mandatory for BTCC, FIA WRC.  
 All QDs are available with bio-fuel resistant seals - please specify when ordering.



## MALE PROBES

Description	Part No.
Ø 1 1/2" FIA male probe	(RE-AG-002)
1 Ø 2" FIA male probe	(RE-AG-003)
2 Ø 2" FIA dual male probe	(RE-AG-022)

## REFUELLING HANDLES

Description	Part No.
Ø 1 1/2" FIA single refuelling handle	(RE-AF-005)
3 Ø 1 1/2" FIA dual refuelling handle (vertical)	(RE-AF-006)
4 Ø 1 1/2" FIA dual refuelling handle (horizontal)	(RE-AF-007)
5 Ø 2" FIA single refuelling handle	(RE-AF-008)
Ø 2" FIA dual refuelling handle (horizontal)	(RE-AF-009)
Ø 2" FIA dual refuelling handle (vertical)	(RE-AF-010)



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

## REFUELLING RIG AND ACCESSORIES

22 FIA rig (200ltr) with FIA trolley assembly (without male probes)	(RE-AA-200)
FIA rig (200ltr) assembly without FIA trolley or male dry break valves.	(RE-AA-201)
ATL refuelling drum (200 litres) with FIA restrictor and filler neck. (Cover not included)	(RE-AC-034)
Heat reflectant cover (to suit ATL refuelling drum)	(RE-AC-035)
FIA rig discriminator valve (to connect to ATL vent tube)	(RE-AC-036)
Vent tube (with Ø1 1/2" Kwik Kam and dust plug)	(RE-AC-037)
Refuelling or vent hose assembly (5m x refuelling hose, 2 x Kwik Kam couplings, 2 x dust plugs)	(RE-AC-038)
Ø 1 1/2" FIA deadman ball valve	(RE-AC-039)

**Dry break repair kits and Kwik Kam hose couplings are available. Please call.**



FIA Rig 200 Litre

## FEMALE VALVES

TANK MOUNT	Part No.
Ø 1 1/2" FIA female tank mount	(RE-AG-007)
Ø 1 1/2" FIA dual dry break tank mount - vertical	(RE-AG-016)
Ø 1 1/2" FIA dual dry break tank mount - horizontal	(RE-AG-017)
6 Ø 2" FIA female tank mount (12 hole)	(RE-AG-009)
7 Ø 2" FIA female tank mount (9 hole)	(RE-AG-010)
Ø 2" FIA dual female tank mount (on 6x10 plate)	(RE-AG-019)
8 Ø 2" FIA dual female tank mount	(RE-AG-020)
REMOTE MOUNT	
Ø 1 1/2" FIA female remote (alloy funnel)	(RE-AG-008)
Ø 1 1/2" FIA dual female remote (alloy funnel)	(RE-AG-018)
9 Ø 2" FIA female remote (plastic funnel)	(RE-AG-011)
10 Ø 2" FIA female remote (alloy funnel)	(RE-AG-012)
11 Ø 2" FIA dual dry break remote mount (100mm centres)	(RE-AG-021)



## 23 PITLANE REFUELLING BOWSER

ATL Refuelling Bowser's can refuel to within 0.1kg capacity. Available to suit all fuels with zero fuel/vapour spillage. Each Bowser will be supplied with tank stabiliser quick disconnects and programmable electronic control unit. A "Chiller unit" can also be supplied (purchased separately) to cool the fuel to a set temperature before refuelling. 170 Litre Pitlane Refuelling Bowser (RE-AA-100) Fuel Chiller Unit to suit above (Check Series Regulations) (RE-AA-150)



## 24 REFUELLING RIG WEIGHING SYSTEM

LMS refuelling rig platform weighing system. (RE-AA-300)



## REFUELLING BOTTLES

12 Refuelling bottle, 25L fitted with Ø2" male probe (RE-AG-003), no foam	(RE-AA-003)
13 F3 Refuelling bottle, 25L with straight filler neck, fitted with -12 female Stoubli	(RE-AA-013)
14 Twin Refuelling bottle, 25L with dual Ø2" male probes (RE-AG-003), no foam	(RE-AA-007)
15 Refuelling bottle, 25L, Ø2" probe, modified with -12 Stoubli female coupling, BRITCAR	(RE-AA-011)
16 Refuelling bottle, 25L, Ø2" probe, modified with remote Ø1 1/2" vent hose coupled on bottle filler neck with Ø2" male probe	(RE-AA-017)
17 -12 Stoubli vent nipple and housing - car side, BRITCAR	(RE-AB-021)
18 Stand to suit (RE-AA-013) bottle range, single and dual probes	(RE-AB-002)
19 Stand to suit (RE-AA-003) bottle range, single and dual probes	(RE-AB-001)
20 Heat reflective cover for (RE-AA-003) bottle	(RE-AB-011)
21 Heat reflective cover for (RE-AA-013) bottle	(RE-AB-012)

All bottles are available with either 90° or 135° angled necks, as well as Ø2" or Ø1 1/2" male refuelling probes. Please call for more details.

## 25

## VOLUME DISPLACEMENT BALLS



Volume displacement balls 0.18 ltrs/0.04 gal	(AC-AC-005)
Volume displacement balls 0.52 ltrs/0.11 gal	(AC-AC-006)
Volume displacement balls 1.77 ltrs/0.39 gal	(AC-AC-007)