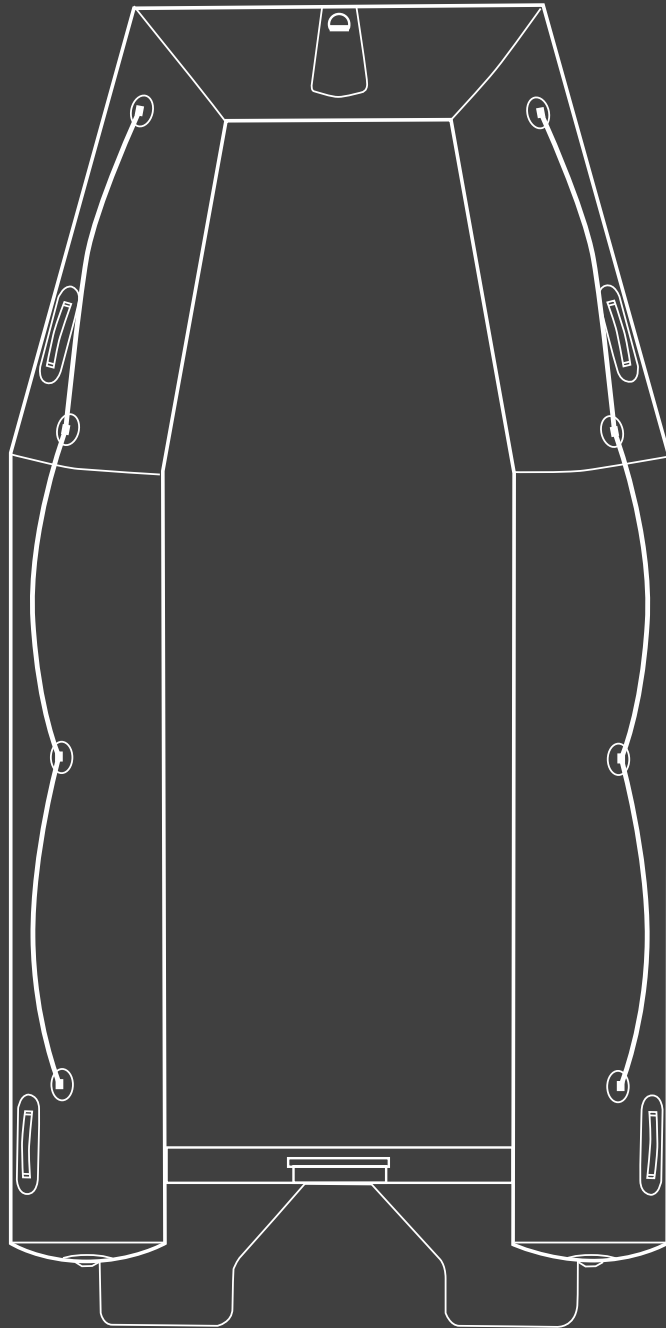


Rescue Craft



MFCInternational
by RESPIREX

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RESCUE CRAFT



The RC4000 Rescue Craft from MFC International is designed to meet the performance criteria of a conventional Inflatable flood rescue boat, while providing the shallow draft and ease of transportation of a rescue sled. The inflatable four-meter design incorporates twin keels with the rigid inflatable floor.

Used with a 2 or 4 stroke short shaft outboard motor, the RC4000 is capable of making headway in strong currents while the twin keels ensure excellent manoeuvrability. It can be towed or line controlled with or without the motor fitted and is light enough for the crew to carry it to a suitable launch point.

FEATURES

- Suitable for use with 2 or 4 stroke short shaft outboard motors up to 30hp (max weight 65kg)
- Easy handling requires less crew effort
- Can be deflated and stored in a carrying valise. The boat, motor and the crew PPE equipment will fit in the back of a small van, therefore no need for a trailer, can be carried by 2-3 people
- Rapid inflation and deployment (less than 5 minutes)
- Fitted with central bow towing point and bridal attachment points. Additional towing points are fitted onto the transom
- The large usable deck area allows up to 10 people or 800Kg of equipment to be carried
- The flat front provides easier bow boarding and a greater usable interior space
- Wide beam gives excellent stability and increases floor area
- Self-filling/draining water ballast chambers on the outboard side of each keel help to increase low speed lateral stability in choppy waters and act as counterbalance when recovering a casualty over the side tube.
- Will operate in 10 cm of water without the motor fitted and can also be manoeuvred in shallow water by persons walking alongside
- With motor fitted it is suitable for use in shallow water >40cm (depending on the outboard engine)
- Twin keel design produces minimal wake, reducing potential damage to river banks and offers excellent manoeuvrability
- Internal control line rings are provided for use with the bow and stern towing points for tandem boat operations
- A high volume drain sleeve is fitted to the transom in addition to drain plug

RESCUE CRAFT

TECHNICAL DATA

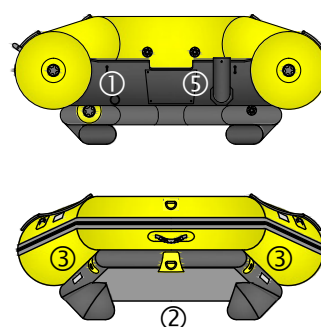
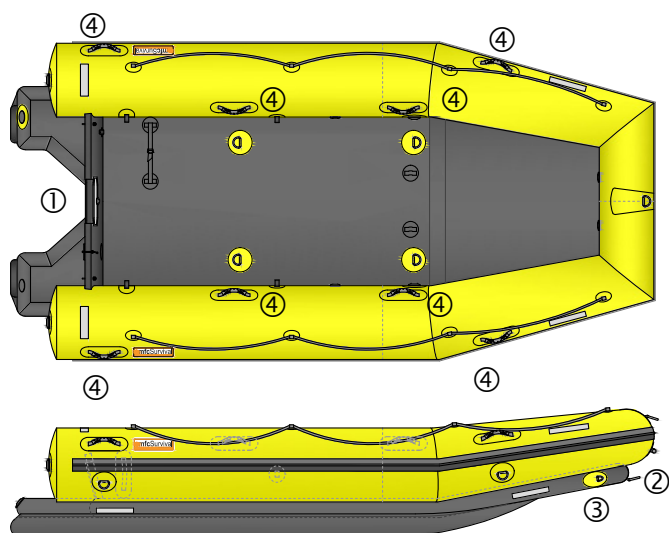
RC4000

Product Code	WR0209
No. of persons	10
Length (cm)	400
Width (cm)	200
Height (cm)	84
Tube Diameter (cm)	48
Capacity (kg)	800
Air Requirements (ltr)	3000

RC4000

Working Pressure- Tube (bar)	0.2
Working Pressure - Floor (bar)	0.4
Pack size (cm)	140 x 50 x 35
Weight (kg)	53
Max Engine, Short Shaft (HP)	25/30
Max Engine weight (kg)	65
Recommended regulator	8 bar

DETAIL DRAWING



STANDARD EQUIPMENT

- ① Transom with motor clamp plate, towing U bolt and drain plug
- ② Front towing D-ring
- ③ Towing bridle attachment points
- ④ Carrying handles (x5) and grab handles (x4)
- ⑤ Drain Sleeve and drain plug
- Towing U-bolts on transom
- T-handle paddles and retaining straps
- Valise
- 1m delivery hose (for use with regulator)
- Repair kit

USED FOR

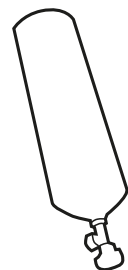
- River rescue
- Coastal and urban flood recovery
- Casualty recovery
- Shallow water rescue

OPTIONS AND ACCESSORIES

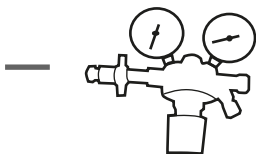
- Flexible fuel tank & attachment points
- Equipment stowage points
- Stowage pocket
- Customer branding
- Inflation pumps (various options, see website)
- 8 bar regulator

RESCUE CRAFT

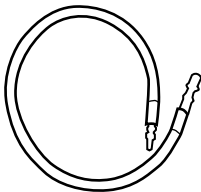
OPTIONS FOR INFLATION



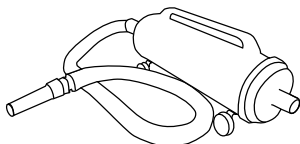
B.A. Cylinder
(By others)



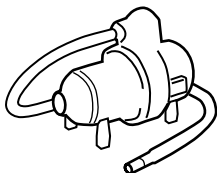
8 bar Regulator
(RE0034)
Regulator with
fixed hose
(RE0034/006)



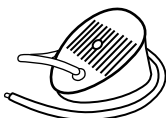
1m Delivery Hose
(Supplied with sled)
(HS-03-04-01-09-17)



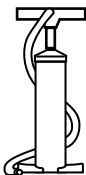
**Master Blaster
Electric Inflator**
(180041 - 240v)
(180042 - 110v)



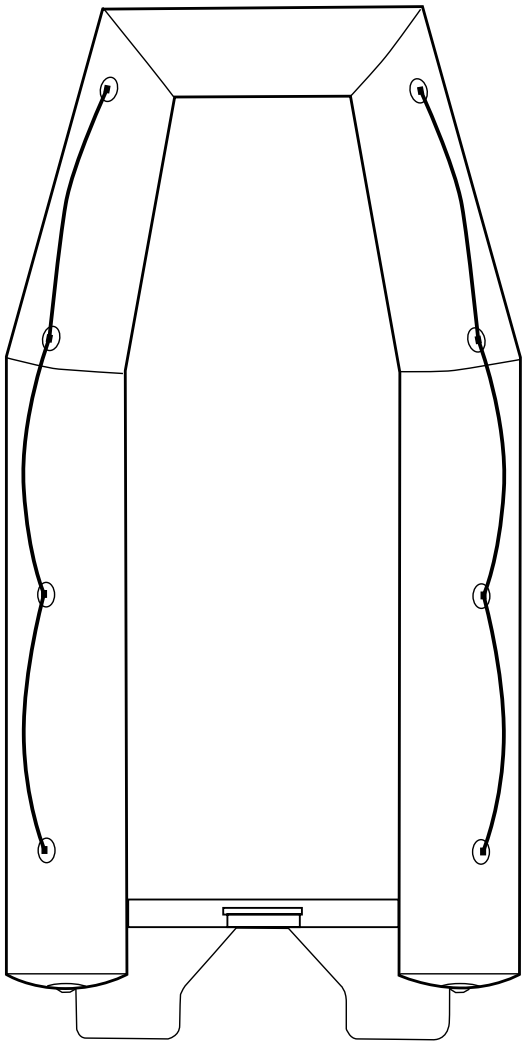
**Bravo2000
Electric Inflator**
(180026)



**Bravo10 Foot
Pump**
(180006)



**Bravo 4 ALU R.E.D Hand
Pump**
(180001)



STANDARD REGULATOR



The Standard Regulator is designed to be used with an air cylinder to reduce the amount of pressure which is leaving the cylinder and entering the inflatable product.

The regulator contains a shut off valve which stops the air flowing through the hose.

FEATURES

- Manufactured to ISO 2503
- Max. Input pressure 300 Bar
- Available as a regulator only or with attached hose and coupling/fitting
- Supplied with padded storage box

USED FOR

- Reducing BA cylinder pressure for inflation of rescue equipment

SUPPLIED WITH

- Hard shell carry case

TECHNICAL DATA

8 BAR REGULATOR

Single Stage Regulator	8 bar
Product Code (regulator only)	RE0034
Product Code (regulator & 2m 'inflation' hose) <i>With C7 hose fitting for inflatable shelters, boats etc</i>	RE0034/006
Max. Pressure Gauge	0-400 / 300 bar
Working Gauge	0-16 / 8 bar
Max. Inlet Pressure	300 bar
Working Pressure	0-8 bar adjustable
Max. Output	30 m ³ /h compressed air at 8 bar
Pack Size (mm)	210 x 195 x 75
Weight (kg)	1.5
Outlet Coupling (regulator)	Series 26 Female

METRO MASTER BLASTER INFLATOR



The Master Blaster Inflator / Deflators twin motor assembly is ideal for rapid inflation of larger structures and inflatables.

The patent twin fan motor assembly ensures 100% duty cycle to ensure continuous inflation/deflation.

FEATURES

- The Master Blaster Inflator/Deflator has a robust outer steel casing with an optional choice of mounting platforms.
- Fitted with 2x heavy duty commercial 1200 Watt 5.5 Amp motors.
- The patent twin fan motor assembly ensures 100% duty cycle to ensure continuous inflation/deflation.
- 12 month warranty
- Low maintenance with just regular cleaning/changing of the foam filter to ensure good airflow to cool the motor & prevent overheating, ensuring long life.

USED FOR

- Inflation/deflation of our inflatable product range

TECHNICAL DATA

	240 Volt AC Model	120 Volt AC Model
Part No:	180041	180042
Construction:	All Steel	All Steel
Motor:	8.0 peak HP, (two motors)	8.0 peak HP, (two motors)
Airflow:	297 m/s	58,000 ft/min
Fan:	2-Stage Dual Fan	2-Stage Dual Fan
Power:	2160 Watts	2160 Watts
Current Draw:	9 Amps	18 Amps
Hose:	1.5m x 38mm Heavy Duty Hose	5ft x 1.5" Heavy Duty Hose
Nozzle:	Nozzle and Bayonet Connector	Nozzle and Bayonet Connector
Cable:	3.6m Heavy Duty	12ft Heavy Duty
Plug:	13A 240V UK or 2 Pin European	16A 110V 4h OP44 plug
Filter:	Foam Filter (Washable)	Foam Filter (Washable)
Dimensions:	550 x 260 x 165mm	21.7 x 10.25 x 6.5"
Weight:	7.95 kg	17.5 lbs

BRAVO 2000 ELECTRIC INFLATOR



The Bravo 2000 electric inflator consists of a main motor and a supplementary (booster) motor, which increases the capacity and pressure. The two motors can run simultaneously to obtain maximum capacity and pressure.

On the Bravo 2000, you can press the orange button to just run the main motor, or you can press the red button to switch on the booster to help obtain maximum performance. Both motors are protected by thermal fuses.

FEATURES

- Inflates and deflates
- Has a robust outer steel casing for additional protection
- Fitted with main motor and a booster motor to increase capacity and pressure
- 3m integral mains power lead comes with 2 pin plug*
- Comes with an inflation hose, 7 different adapters and a shoulder carry strap

USED FOR

- Inflation/deflation of our inflatable product range

TECHNICAL DATA

Bravo 2000 Electric Inflator	
Product Code	180026
Voltage Supply	230V (Main Motor) 230V (Booster)
Max. Power	1000W / 2000W
Max. Pressure	140 mbar (2 psi) / 400 mbar (5.8 psi)
Max. Flow Rate	1200 l/min / 2000 l/min
Dimensions	32 x 17 x 26 cm
Weight	4.1 kg

BRAVO FOOT PUMP



The Bravo 10 foot pump utilises an innovative design to make inflating and deflating a tube as effortless as possible. It has two chambers, one 5 litre (high volume, low pressure) which inflates to 2.1 psi and one 1.6 litre (low volume, high pressure) which inflates to 4.4 psi.

It also features an over inflation warning system in the form of a visual pressure indicator, crush resistant hose, anti slip feet and valve adapters. Manufactured from strong nylon reinforced fibreglass, this provides a powerful, lightweight pump which is unaltered by exposure to the sun and sea environment.

FEATURES

- Manufactured from strong nylon reinforced fibreglass
- Unaffected by the sun or sea environment
- Lightweight due to the use of synthetic materials
- Features four antislip feet for greater stability
- Supplied with a non-kink hose and a selection of interchangeable valve adaptors and nozzles

USED FOR

- Inflation/deflation of our inflatable product range

TECHNICAL DATA

Bravo 10 Foot Pump

Product Code	180006
Materials	Nylon Reinforced Fibreglass
Capacity	5 ltr (normal pressure) / 1.6 ltr (high pressure)
Dimensions	35 x 25 x 8 cm
Max. Pressure	800 mbar (11.6 psi)
Weight	1.9 kg
Colour	Grey with Yellow Hose*

BRAVO 4 ALU R.E.D. HAND PUMP



The Bravo 4 ALU R.E.D (Reduced Effort Device) is a double action hand pump that automatically adjusts for easier pumping.

The hand pump automatically switches to downward pumping only once the pressure exceeds 400 mbar (5.8 psi), allowing you to blow up your inflatable product quickly and efficiently.

FEATURES

- A powerful double action hand operated pump with a double chamber allowing a maximum of 4000cc (2 x 2000cc)
- Automatically changes from double to single action at 400 mbar (5.8 psi) to reduce effort at higher pressures
- Features an aluminium shaft handle for durability
- Anti-sand cover gasket

- Inflates and deflates
- Pressure up to 800 mbar (11.6 psi)
- Supplied with non-kink hose and a selection of interchangeable valve adaptors and nozzles

USED FOR

- Inflation/deflation of our inflatable product range

TECHNICAL DATA

Bravo 4 ALU R.E.D Hand Pump

Product Code	180001
Materials	Plastic with aluminium shaft handle
Capacity	2 x 2000 cc
Dimensions	11 x 22 x 47 cm
Max. Pressure	800 mbar (11.6 psi)
Weight	0.75 kg
Colour	Blue*

* Note: Colour of product may vary.

Maintenance Instructions

Please be sure that before and during the use, the pump is fully lubricated by oil.

To lubricate the pump, open the ring nut and spread a thin layer of oil or grease on the gasket and the tube.





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