



**MFC**International

by RESPIREX

ENGINEERED INFLATABLE PRODUCT SOLUTIONS

# Animal Rescue Path

Product **Manual**



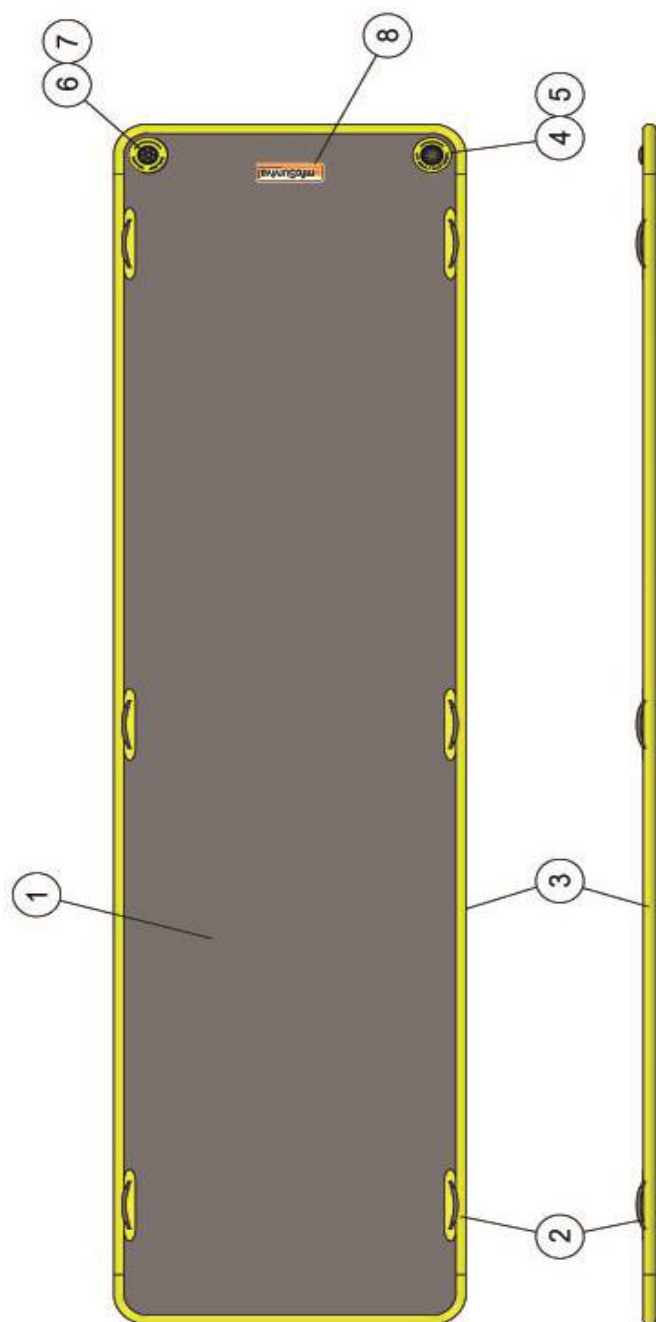
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**WARNING:** Carefully read this manual before operating the Animal Rescue Path.

**NOTICE:** The manufacturer takes no responsibility for the consequences of actions not complying with the instructions given in this manual.



Technical Data		
Type	5m	10m
Length (cm)	500	1000
Width (cm)	134	134
Thickness (cm)	6.7	6.7
Working Pressure	0.2 bar	0.2 bar
No. of Air Chambers	1	1
Air Requirement (ltr)	455	910
Max load	200Kg	200Kg
Packed size (cm)	66L x 34W x 25H	70L x 45W x30H
Weight (kg)	15.5	30



	Item	Description
1	Inflatable pathway	6.7 cm Neoprene-coated drop thread – Black
2	Carrying handles	Hypalon coated Polyester- Yellow Webbing strap with moulded rubber handle
3	Sidewalls	Heavy duty Neoprene-coated Polyester- Yellow
4	Inflate/Deflate valve	D7 Black Acetal
5	Inflate/Deflate valve lable	Yellow vinyl, Digitally printed
6	Relief Valve	A6 Black Acetal - 0.2 bar
7	Releif valve label	Yellow vinyl, Digitally printed
8	Logo/Label	White Vinyl, Digitally printed
9	Valise (not shown)	PVC coated nylon - Orange
10	HP inflation hose (not shown)	1.0m reinforced hose c/w valve adaptor
11	Repair kit (not shown)	Tube of Neoprene adhesive and repair patches

## 1. Deployment and Use

- 1.1 At deployment point, select best possible debris-free site.
- 1.2 Unpack the Animal Rescue Path from its valise, and unroll it.
- 1.3 Prepare for Inflation:-
- 1.3.1 Remove dust cap from inflate/deflate valve, ensure the central valve diaphragm is closed; i.e. the internal spindle is raised. (Push and turn to release)
- 1.4 Cylinder Inflation
- 1.4.1 Fix regulator to cylinder and connect delivery hose to regulator.
- 1.4.2 Connect delivery hose to inflate/deflate valve, **hold** delivery hose **tight into inflation valve** and inflate until relief valve activates. **Do not release hose during inflation.**

**WARNING:** Failure to do this may result in personal injury.

- 1.4.3 Ensure dust cap is replaced to prevent ingress of dirt and water into the valve.
- 1.5 Bellows/pump inflation
- 1.5.1 Remove dust cap from inflate/deflate valve, ensure the central valve diaphragm is closed, i.e. the internal spindle is raised. (Push and turn to release.)
- 1.5.2 Attach bellows/pump to hose to inflate/deflate valve
- 1.5.3 Operate bellows/pump until relief valve activates
- 1.5.4 Remove hose and replace dust cap on inflate/deflate valve.
- 1.6 The following points are operational recommendations established by deploying the Animal Rescue Paths at many different training and demonstration events. MFC acknowledge that almost every operational scenario will have different hazards and risks, which can only be properly assessed at, and during, an operational rescue/recovery.

**WARNING:** During use near water, mud and suspect surfaces, personnel should wear a "Lifejacket" or similar buoyancy aid, and/or be linked to a secure point via a safety line. Failure to do this may result in personal injury or death.

- 1.7 If the deployment site contains any sharp items that may damage the Animal Rescue Path they should be removed or covered over.
- 1.8 Lubrication of the pathway surface with soapy water or similar will ease the transit of the animal during recovery.
- 1.9 Care should be taken before and during recovery to minimise distress caused to the animal.

1. After every use, especially on mudflats, the Animal Rescue Path should be hosed down in its inflated state, to remove as much debris as possible.
2. Allow the Animal Rescue Path to become as dry as possible before packing.
3. Lay the Animal Rescue Path on a clean, debris free area.
4. Deflate the Animal Rescue Path. This is achieved by depressing the central spindle in the inflate/deflate valve, (push and turn to lock open).
5. Roll from the end, towards the inflation valve to expel the air.

**NOTE:** To prevent possible damage, do not walk along the deflating Animal Rescue Path to expel the air

6. Un-roll to its full length once again. Fold in half lengthways.
7. Using the carrying valise as a guide to the width, tightly roll the Animal Rescue Path from the end again, towards the open inflate/deflate valve. Take care to maintain the width of the roll.
8. Check that the inflate/deflate valve is clean, close the valve (push and turn the spindle clockwise) and replace the dust cap.
9. Lay the valise on the ground as an 'open box' and place Animal Rescue Path into valise. Close valise and secure straps.

## Storage

1. On return to base the Animal Rescue Path should be unpacked, inflated and left to dry.
2. When the Animal Rescue Path is completely dry it should be checked for wear or damage. If none is found it should be repacked in the valise.
3. If any damage is found it should be repaired immediately in accordance with the Repair instructions.
4. Where possible the packed Airtrack should be stored on the floor of the locker/appliance, ensuring no damage can be caused by it's proximity to other items of equipment.

## 1. **GENERAL**

It should be noted that, due to the type of fabrics used in its construction, when the Animal Rescue Path is wet, there may sometimes be visual evidence of miniscule white bubbles, which form a line of froth at the seams and joints of the unit. This is recognised within the industry as 'lateral leakage', and is simply air that is trapped in the layer of nylon between the rubber coatings, forcing its way to the nearest available edge of the fabric. This type of leakage will not affect the performance of any inflatable product over the course of an operational procedure, and can be safely ignored.

However, if there is evidence of large, transparent bubbles, this is clearly evidence of a leak that must be repaired at the earliest convenience.

The following is a recommended regime for maintenance & test.

## 2. **QUARTERLY**

- 2.1. Check control equipment as per relevant manual.
- 2.2. Inflate Animal Rescue Path to working pressure.
- 2.3. Check audible relief valve operation.
- 2.4. Whilst inflation system is charged, check connections and valves using brush and soapy water.
- 2.5. When relief valve has operated, and the unit is at working pressure; it can be left to stand for a length of time that would be comparable to an operational situation (e.g. 2 to 3 hours.)
- 2.6. After this time, the Animal Rescue Path should still be firm.
- 2.7. If the Animal Rescue Path has become soft, the air-loss should be located by applying a soapy- water solution.
- 2.8. Any significant leaks (See 1 above) should be marked and repaired using the repair kit provided.

## **RECOMMENDATIONS**

1. Animal Rescue Path should undergo an annual test carried out by the manufacturer, or people certified by MFC International. If in doubt contact the service department.



As a general rule, punctures and other damage will need to be assessed in two categories: a) that which is repairable at the base, or b) serious damage that will need to be repaired by MFC International.

a) Repairs that are manageable at the base workshops will be minor punctures to any area of the Animal Rescue Path. These can normally be repaired by the application of a small repair patch.

b) Repairs that should be carried out by MFC will be the more serious kind, such as damaged valves, badly torn fabric (either on the sidewalls or the flat surfaces) and the replacement of damaged fittings.

If in doubt as to the extent of the damage and the level of repairs necessary, please contact :-

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