

MICROTOR - Portable manual monitor - 1000l/min - 6 bar

DESCRIPTION

Portable monitor composed of the following elements :

- A swivelling inlet.
- A Certified NF Matériel Sapeurs Pompiers DSP DN65 coupling.
Or other type of couplings on demand.
- A body with integrated transport handle.
- A patented orientation device, with an orientation angle of 40°.
- Integrated nozzle :
 - **TURBOPONS 1000** with adjustable flow rate with positions at 250, 500, 750 and 1000 l/min at 6 bar.
 - **Turbomatic 1000**, with regulation of pressure. 1000l/min at 6 bar.
 - In both cases, the patterns are adjustable from straight jet to diffusion of protection with a 130° angle.
- Two foldable legs with carbide spikes.
- A anchorage belt.



STANDARDS

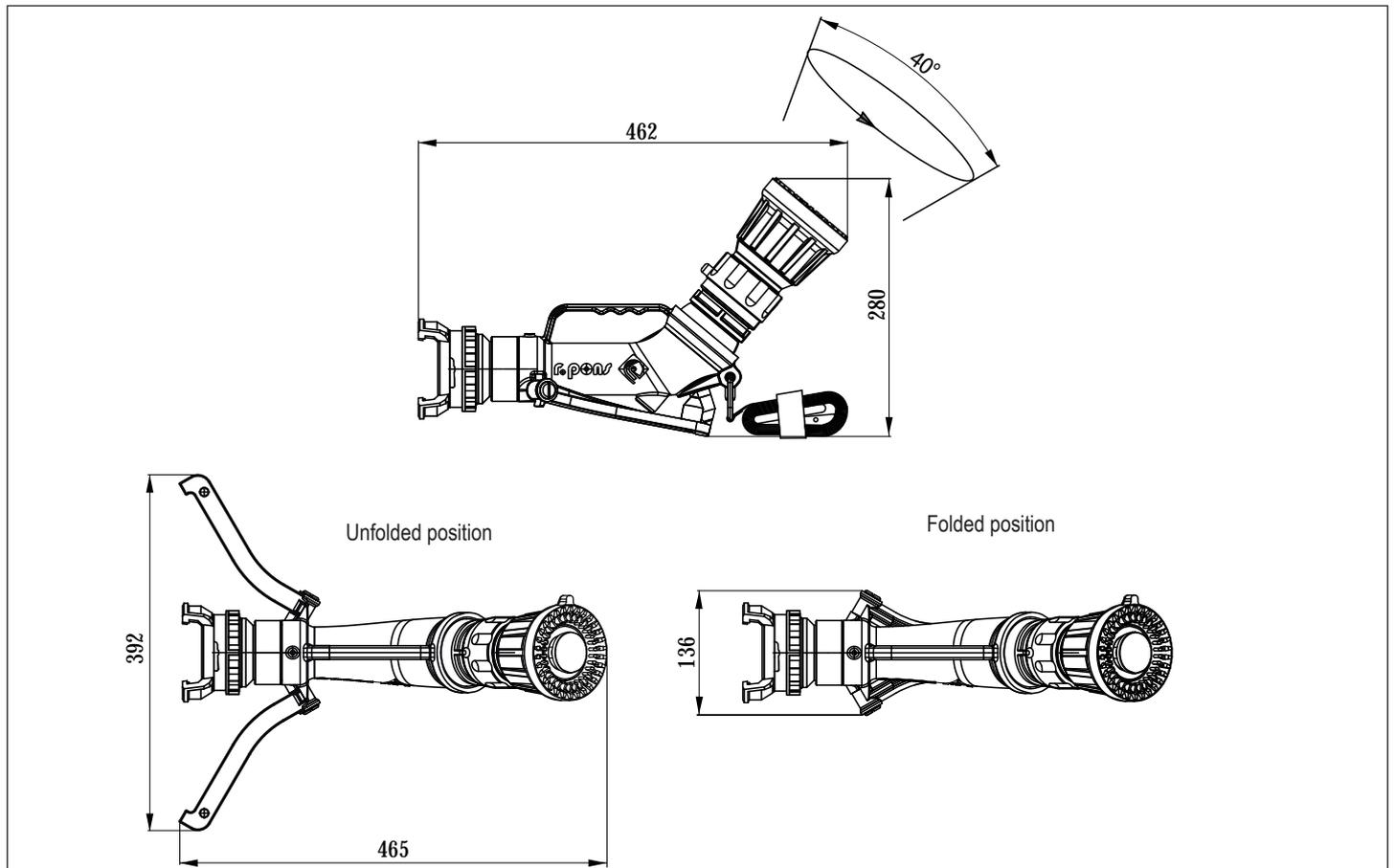
Monitor in compliance with :

- **NF EN 15767-1** : portable monitors :
general prescriptions for portable monitors.
- **NF EN 15767-2** : portable monitors :
Water diffuser.
- **NF S 61.701** : Fire Brigade equipment :
Couplings for fire fighting.



CONSTRUCTION

Aluminum alloys of first fusion with heat treatment and protected against corrosion by black anodization.





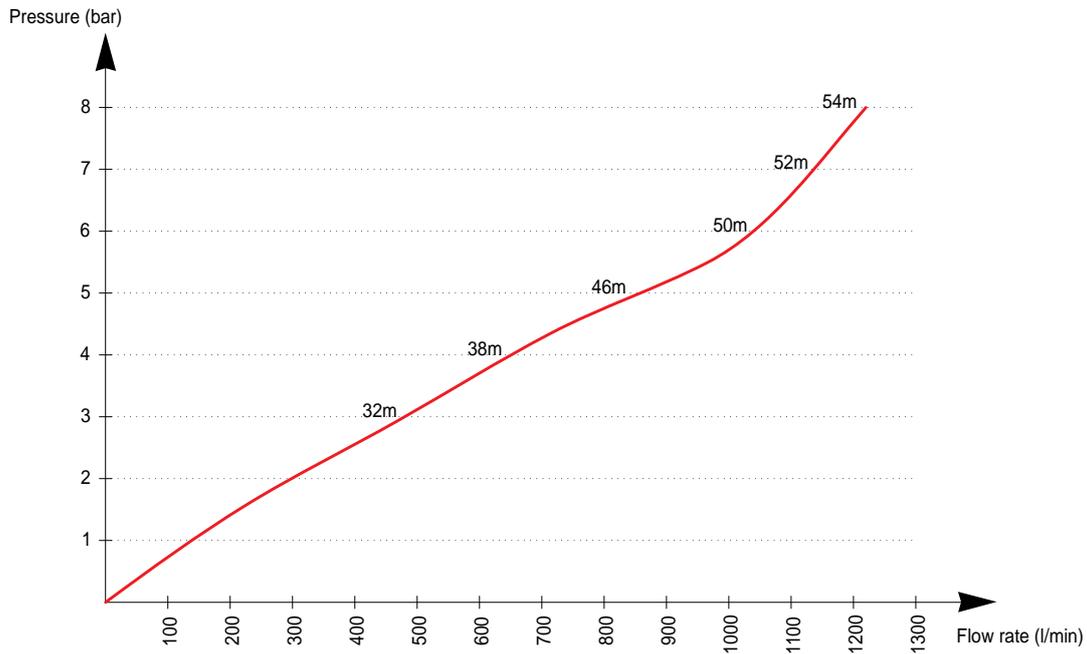
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CHARACTERISTICS

Type	Inlet	Reference	Weight (kg)
MICROTOR with adjustable TURBOPONS 1000 nozzle	DSP 65	3467.5R26	3,500
MICROTOR with adjustable TURBOPONS 1000 nozzle	2" Female thread	3467.5R29	3,100
MICROTOR with TURBOMATIC 1000, pressure regulation nozzle	DSP 65	3467.5A26	3,500
MICROTOR with TURBOMATIC 1000, pressure regulation nozzle	2" Female thread	3467.5A29	3,100

HYDRAULIC PERFORMANCES

Microtor with TURBOMATIC 1000 nozzle



Microtor with TURBOPONS 1000 nozzle



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CAUTION

Before use, check the good state of the package to insure that the product did not suffer any damage during transport.



SAFETY

- The instructions of use have to be known and followed by the end users.
- The end users have to receive a proper training.

BEFORE EACH USE, CHECK :

- The general condition of the monitor, the inlet and outlet couplings.
- There are no missing parts or damaged ones.
- That no "foreign" parts are plugging the monitor.
- The cleanliness of the coupling parts.
- The proper greasing of the coupling, operation and leg joint parts.
- The anchor spikes wear. Replace them if the wear is too important.
- The good condition of the belt and fixing device.

BEFORE SETTLING THE MONITOR ON THE GROUND, CHECK :

- There is no electrical wire nor water hose in the area the monitor has to be installed, in order to avoid the anchorage cramps to damage them.
- That the area around the monitor is clear.
- That the jet direction or an uncontrolled movement of the monitor cannot injure people around nor damage some materials.
- That the ground is hard enough, well flat and that there is no object or obstacle that could avoid a good anchorage of its spikes.



Never install the monitor on a slippery ground (tiles, metal or similar type of ground) that would prevent the correct function of the spikes.

INSTALLATION

- Unfold the legs of the monitor (**fig.1**).
- Settle the monitor on the ground near an element you can fix the belt on.
- Orientate the monitor in the required direction.
- Connect the feeding hose (**fig.2**).
- Anchor the monitor with the belt (**fig.3**).

OPERATION

- Orientate the nozzle in the required direction, the angle of rotation and elevation is 40°.
- Adjust the flow-rate (with TURBOPONS nozzle).
- Adjust the pattern.
- Slowly open the water supply to avoid the water hammer.

AFTER EACH USE

- Disconnected the feeding hose from the monitor.
- Fold the legs
- Roll up the belt

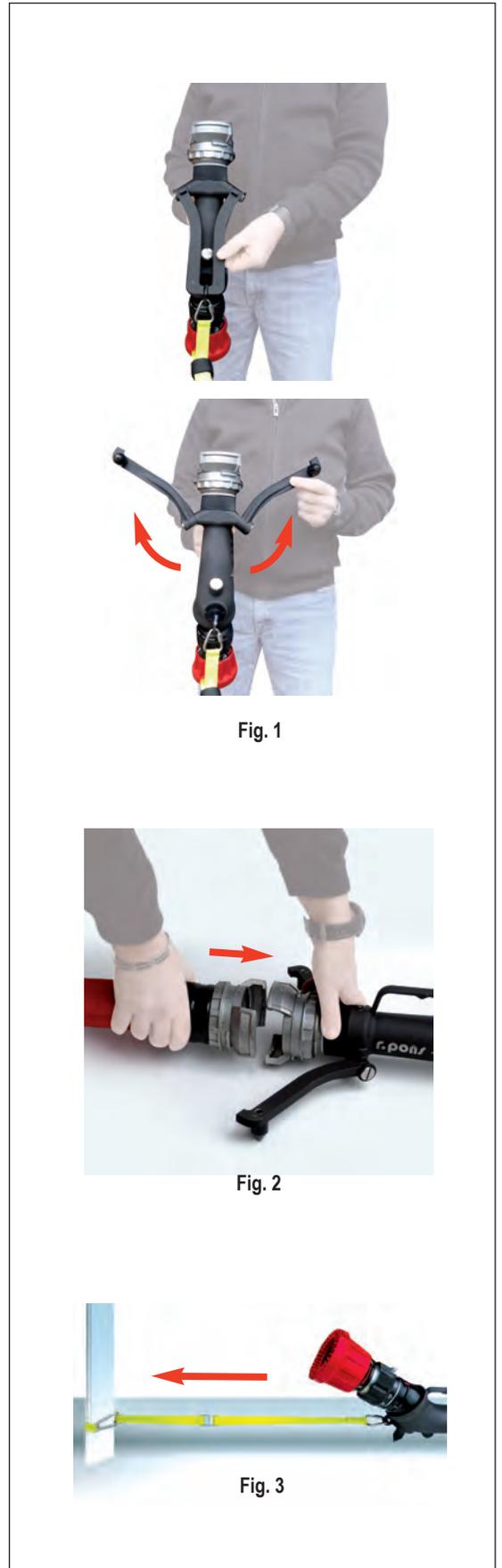


Fig. 1

Fig. 2

Fig. 3

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Greasing of the motion parts :

With a brush using waterproof adhesive grease (ex: Loctite 8101).

- spherical orientation device
- legs axis

Check the conditions of the monitor after each use :

- the easy folding of the legs,
- the wear of the spikes,
- if the swivelling inlet coupling is ok,
- condition of the inlet coupling (gasket),
- that no foreign element is stuck into the monitor body,
- the good operation of the flow rate and pattern selectors,
- the complete range of movement of the rotation sphere,
- the condition of the belt and the fixing device.



COMPONENTS AND SPARE PARTS

Rep.	Qty.	Designation
1	1	right leg
2	1	left leg
3	3	anchorage spikes

Rep.	Qty.	Designation
4	2	leg axis + position holding spring
5	1	belt and spring hook