



Venom 2400 Portable Ground Monitor

The Venom 2400 Portable Ground Monitor has been designed to be light weight, extremely robust and low maintenance. With anti-skid tungsten steel spikes, the portable Ground Monitor gives excellent stability offering the user more accurate control. Very easy service and repair give you continued long service life.

FEATURES

Light corrosion resistant aluminum alloy construction
 Spring-loaded forged aluminium folding legs with rubber knee pad

Stainless steel spikes for extended resistance to wear

Complete with safety tie-down strap reel

Large handle for excellent portability

Nozzle has a built-in stream sharper

Available for straight stream and fog pattern

Long service and easy repair

Liquid-filled pressure gauge

Flow rate from 1200 LPM up to 2400 LPM

Water Jetting Range: Max ≥ 65 meters

Working Pressure: 10 bar (1.0MPa)

Technical Specification	
Weight	12kg (including the inlet coupling)
Materials	Body & Nozzle - Hard Anodized Aluminium Alloy Spike - Anti-Skidding Stainless Steel Coupling - Aluminium Alloy
Working Pressure	Advised - 10 bar Max - 16 bar
Max Fog Angle	120°
Jetting Range	40 - 65M
Flow Range	20 - 40 litres/sec, adjustable
Range of Monitor	20° swing left and right from centre, 70° elevate
Inlet	Instantaneous, Storz, NH, Rotta & Gost and many more
Outlet	2.5" Female NH
Colour Options	



Elevation stream range total is 70°, from +15° to +85°,
 horizontal stream range total is 40°, +/- 20° either side of centerline.

VENOM 2400 PORTABLE GROUND MONITOR OPERATIONAL FEATURES

1200-1800-2400 lpm
 Selectable & Constant Nozzles

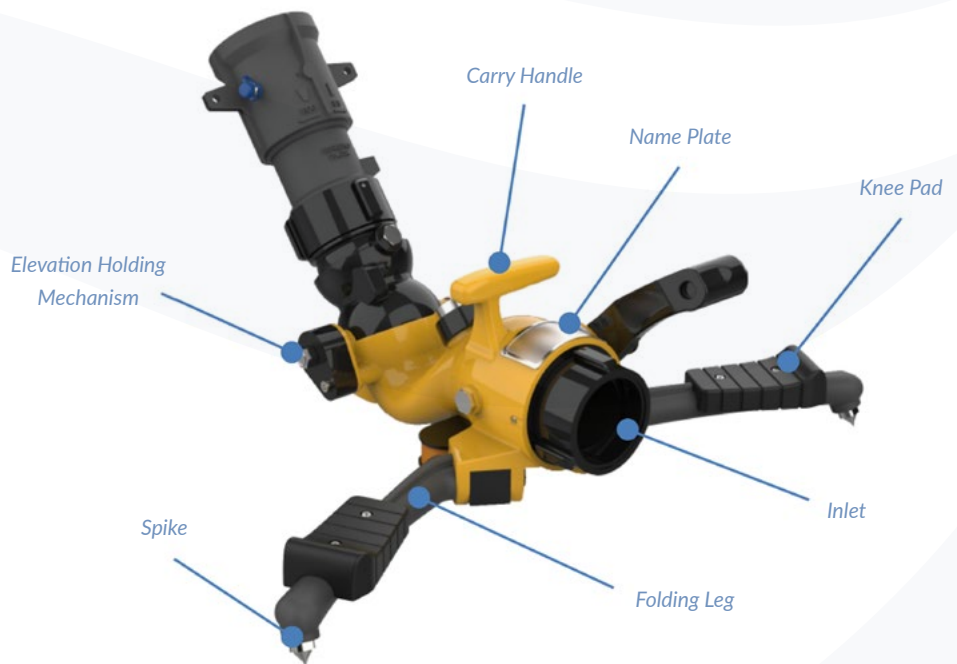


SPIKES

The Venom 2400 Portable Ground Monitor has 3 Stainless steel spikes on the legs and the base to resist sliding by digging into the surface the monitor is sitting on.

These spikes are essential to safe operation of the monitor and must be in contact with the ground at all times. Set the monitor on an even surface so that all three spikes contact the ground.

WARNING: Lack of stability can cause an out of control monitor resulting in injury. Do not operate as a portable monitor with one or both legs in the folded position.



VALVE HANDLE OPERATION

The valve handle is locked in the closed position so that the Venom Portable Monitor may be carried/moved without the valve inadvertently opening when water flow is not desired.

To unlock the valve handle from the closed position:

1. Pull the knob on the right side of the valve handle.
2. While pulling the knob, use the other hand to move the valve handle slowly to an open position.

As soon as valve is opened the knob may be released. Valve handle may be moved to any position by pushing or pulling on the valve handle.

When the valve is closed the valve handle automatically locks and must be unlocked again to reopen. The monitor has a label that indicates the direction to open and close the valve.



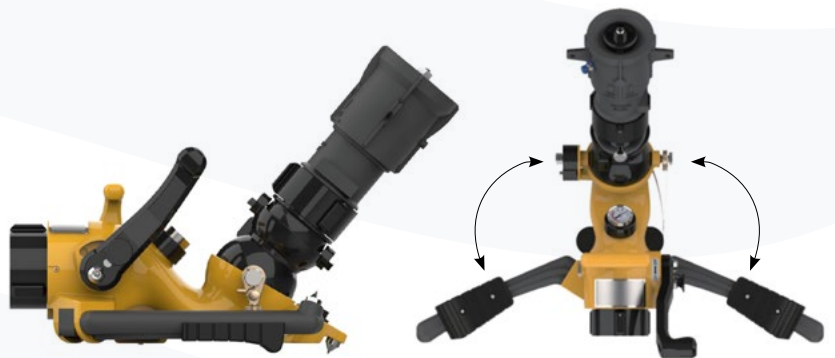
Warning: Sudden changes in valve position can cause pressure spikes, open and close the valve slowly to avoid water hammer.

FOLDING LEG OPERATION

The Venom 2400 Portable Monitor has two legs that fold for storage and unfold for operation. The legs are held in the folded and unfolded position by spring detents.

To fold or unfold the legs:

1. Grasp the spike end of one leg and pivot it to the folded or unfolded position.
2. Repeat for the other leg.



Warning: The legs provide a stable base for operation of the monitor, do not operate with one or both legs in the folded position.

SAFETY MEASURES

The Venom 2400 Portable Ground Monitor is equipped with a 360° swivelling inlet coupling to minimise lifting caused by any twisting of the hose when charged.

The safest method of restraining the monitor is to use the supplied safety tie-down strap since it does not rely on traction or digging in of the spike.

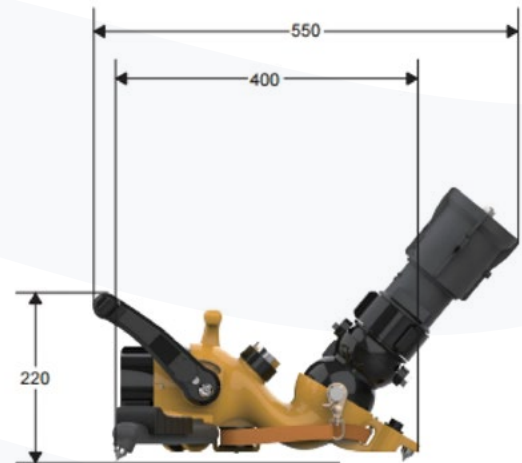


MONITOR MAINTENANCE CHECKLIST

- The maintenance of fire monitors should be handled by dedicated personnel.
- The fire monitor should be kept clean. After use, the nozzle should be tilted to pour out the remaining liquid in the cavity, and the exterior should be cleaned with clean water and wiped off the water stains. The interior must be rinsed with clean water, and then the accumulated water must be released.
- The fire monitor should be maintained regularly, and all fasteners of the fire monitor should be inspected after use and every six months.
- The meshing part of the worm gear and other rotating parts should be filled with grease for half a year to ensure flexible rotation.
- All parts should be kept in good condition. If the fasteners are found to be loose and other accessories are damaged, they should be repaired in time.
- When not in use, cover it with a rain-proof cloth. The unit should be stored in a normal temperature, dry and non-corrosive place.
- When the working pressure of the fire monitor is found to be too high or the shooting range is short, check whether there is any blockage at the nozzle, and clear it in time.
- If the rotating part of the fire monitor is not flexible, the operation is difficult, or the angle adjustment cannot reach the expected range, grease should be applied to the rotating part or the parts should be replaced in time.
- In cold areas, take measures to prevent cold and frost, such as drainage and heat preservation.
- When the fire monitor is used as the vehicle monitor of a fire truck, it should be fixed to prevent bumps during driving and damage to the monitor parts.

OPERATIONAL PRECAUTIONS

- The personnel operating the fire monitor must be trained in operation and be familiar with the relevant operation process.
- The inlet pressure of water shall not be higher than the working pressure of the monitor.
- Before using the fire monitor, all personnel in front of the muzzle should be evacuated to avoid danger.
- When manually operating the fire monitor, please take the handle to avoid danger.
- When operating, it should be jetted downwind as far as possible to increase the range.



The Venom 2400 Portable Ground Monitor's high performance and compact size makes it an ideal solution for fire trucks, oil tankers, docks and other uses.

