



**BRITANNIA FIRE**



## **NWM50** 50kg Monnex Dry Powder

Monnex is based on a Potassium bicarbonate - urea complex. The extinguishing powder interferes with the chemical reactions and the fire is extinguished. In the combustion zone Monnex powder explodes breaking into smaller particles which dramatically increases the surface area of the powder.

The Monnex powder is nonconductive and will extinguish Class B (flammable liquid) fires and Class C (flammable gas) fires.

**Rough terrain double bogey wheels are available.**

## Features

- Manufactured in Great Britain
- Britannia offer a 10 year quality guarantee against material defects and workmanship
- Colour coded labels
- External CO<sub>2</sub> side cylinder
- Additional anti-corrosion treatment available
- Main approvals and certifications as below



Manufactured in Great Britain

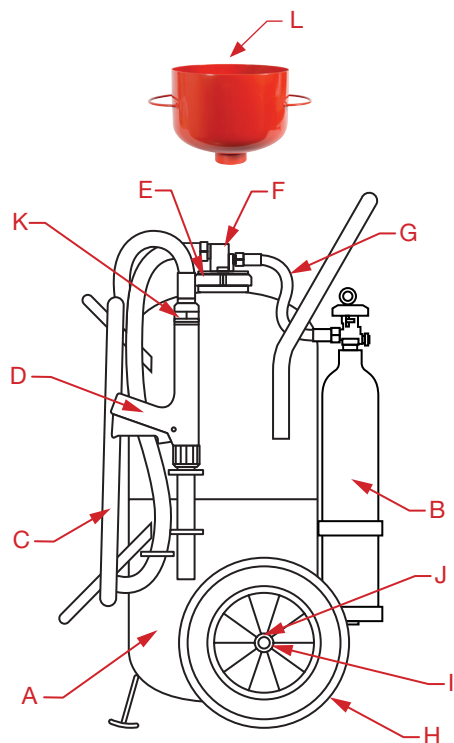


# Technical Specification

Model	Capacity (Litres)	Fire Rating	Full Weight (Kgs)	Empty Weight (Kgs)	Temp Range	Operating Pressure (Bar) @ 20°C	Discharge Duration (Secs)	Discharge Range (M)	Width (mm)	Depth (mm)	Height (mm)
NWM50	50	IVB	85	35	-20° to + 60°C	11.5	35	14	470	1130	990

## Specification

Side Cylinder	1.35kg CO <sub>2</sub>
Operating Pressure @ 20°C	11.5bar
Test Pressure (PT)	32bar
Maximum Allowable Pressure (PS)	22bar
Minimum Burst Pressure	59.4bar
Safe Operating Distance	5m
Cylinder Material	3mm Thick Mild steel to EN 10111 - DD12
Nut Ring	Zinc Alloy to EN 1774 - ZnAl4 (ZL3)
Headblock	Brass C3771
CO <sub>2</sub> Hose	Synthetic rubber reinforced with high tensile wire braid
Finish - Red RAL3000 UV Protection	Polyester Powder Paint - Thickness (85 microns avg)
Anti-Corrosion Treatment if Requested	Zinc Coating
Discharge Hose - 5m (alternative lengths avail on request)	Reinforced Rubber



## Component Parts

Item	Description	Part No.
A	Body Assembly	NR0155KB
B	1.35KG Side Cylinder with Valve	NCS1350
C	5m Discharge Hose Assembly	HS0030
D	Powder Control Lance/Swivel Connector	HS0400
E	Nut Ring	BRH0105
F	Brass Headblock Assembly	NRH0580
G	CO <sub>2</sub> Hose Assembly	HS0130
H	Solid Rubber Wheels 300mm diameter	WHLS015
I	Washer	WC0140
J	Split Pin	WC0150
K	Swivel Connector	NRH0360
L	Filling Funnel	FILLINGFUNNEL

—	Pull Tight Seal	BRH0175
—	50kg Monnex Dry Powder refill	PM50
—	Headcap Spanner	HCS