

MOBILE 8 Mk 2

Mobile Fire Suppression Unit

DESCRIPTION

The Hydramist® Mobile 8 Mk2 unit is designed to provide a mobile source of high pressure water mist fire suppression.

The unit comprises a high pressure, high specification pump with an electrically driven single phase motor, automatic pump control, on/off switch and an integrated 35 litre water tank.

The unit offers stand-alone fire protection using an integral supply of water and powered by a single phase mains supply (country specific mains connectors are supplied to suit).

The system has been tested in association with the Ministry of Justice; Buildings Research Establishment (BRE); the Commonwealth Scientific and Industrial Research Organisation (CSIRO Australia) and the British Standards Institute (BSI).

The Hydramist® Mobile 8 Mk2 unit has been proven to extinguish fires quickly and effectively, reducing smoke within the cell and adjacent areas to life-sustainable levels. Additional fire tests with BSI, the Hydramist® Mobile 8 Mk2 successfully extinguished Class A Solid Fuel and Class B Liquid Fuel fires.



DATA SHEET

Form No. 13-01 Issue No. 22.0

Mobile 8 General Features

- 35m high pressure, impact & flame resistant hose
- 10m electrical lead c/w 3-pin 13A moulded plug (UK specification)
- Integral water tank
- Hydramist® Low Flow Nozzle (7 L/min)
- Lockable security cage (as an option)

Applications

- Prisons
- Custodial
- Heritage Building
- Offices
- Public Spaces
- Archives

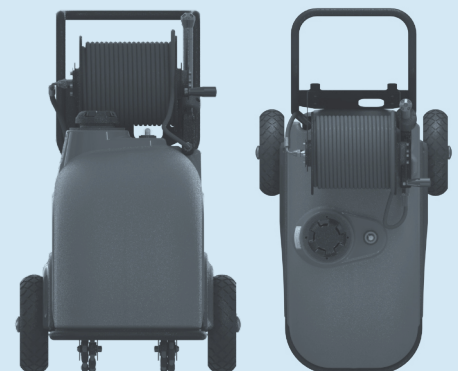
Standards

Compliant to:

- EN 3-7
- MOJ/M/SPEC/045

MOBILE 8 Mk2: Technical Data

Width	601 mm
Length	1095 mm
Height	945 mm
Weight (Dry)	78 kg
Electrical Supply	Single Phase
Volts V a.c.	220-240V a.c
Frequency	50 Hz
Plug Fuse	13 A
Effective Tank Capacity	35 Litres
Water Supply	Potable
Flow Rate	7 L/min (nominal)
Pumped Pressure	100 bar
Watermist Delivery	5 minutes



FIRE TEST REPORTS	
BRE	246912
BSI	3538860*
CSIRO	EP163426

FIRE TEST RESULTS	
Class A Solid Fuel	Class B Liquid Fuel
21A*	34B* (Diesel)

All information contained in this data sheet is correct at the time of printing. Watermist Limited reserves the right to alter or modify the content without prior notice.

PRODUCTS:

Gaseous Suppression



Inert Gas (IG-01, IG-55, IG-100, IG-541)
Novec 1230™ Fluid (FK-5-1-12)
FM-200® / NAF S 227 (HFC-227ea.)
Ecaro 125® / NAF S 125 (HFC-125)
Carbon Dioxide (CO₂)
Hybrid Systems (N₂ / Water)
Pressure Relief Vents
Enclosure Integrity Testing Equipment
Pipe & Fittings

Water Suppression



Water Mist - High Pressure
Water Mist - Intermediate Pressure
Water Mist - Low Pressure
Hybrid Systems (Water / N₂)
Monitors & Delivery Systems
High Speed Deluge

Foam Suppression



Foam Concentrates
Foam Proportioning
Foam Delivery Systems
Foam Concentrate Testing

Explosion Protection



Explosion Suppression
Explosion Isolation
Explosion Vents & Pressure Relief
Spark Suppression
Explosibility Testing

Fire Detection



Linear Heat Detection - Digital
Linear Heat Detection - Fibre Optic
Linear Heat Detection - Micro Chip
Flame Detection
Video Imaging Detection
Spark Detection
Control & Indicating Equipment
Thermal Imaging Detection
Aspirating Smoke Detection

Military & Defence



Military Vehicles
Naval Vessels

Special Applications



Micro Environment
Oxygen Reduction
Kitchen Protection Systems
Dry Chemical
Vehicle Systems
Compressed Air Foam
Marine & Offshore
Vapour Mitigation

Support Services



Design / Engineering
Technical Support
Services & Testing

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