

# hydramist<sup>®</sup> 120 Pump Unit

## Description

The Hydramist<sup>®</sup> 120 Pump Unit uses a high pressure multi-pump arrangement operating at 100 - 120bar. A flow regulating by-pass valve ensures a constant pressure is achieved independently of the system flow demand.

The unit comprises 8 x 15 litre/min high pressure, high specification pumps each with its own electrically driven motor. The pumps work together to give a maximum flow of 120 litres/min into an integral high pressure manifold mounted on the pump unit frame.

A water break tank with either 500 or 1000 litres capacity is mounted above the pumps to ensure that sufficient initial water is available, providing a fast and efficient response.

The Hydramist<sup>®</sup> 120 Pump Unit control panel can be supplied either frame mounted (on the pump unit) or separately for wall mounting.



## Applications

Prisons, Hotels, Guest Houses & Accommodation Blocks  
 Offices and Public Spaces  
 Archive Stores & Libraries  
 Warehouses and General Storage Facilities  
 Power Generation (Diesel Generators, Turbines, Battery Rooms)  
 Engine Test Cells  
 Data Centres, Communications and Server Rooms  
 Plant and Electrical Switch Rooms  
 Industrial Fryers, Ovens and Food Processing Factories

## Technical Data & Services

Each Hydramist<sup>®</sup> 120 Pump Unit consists of the following core components:

- 1 x 500/1000 litre break tank
- 1 x Low pressure water inlet manifold
- 1 x Water filtration set
- 1 x High pressure outlet manifold
- 1 x High pressure gauge
- 1 x High pressure isolation valve
- 1 x Control Panel
- 1 x Operator's Manual

Unit Capacity litres/min	Number of Pumps	Pump Pressure bar	Motor kW	Motor Phases Ø	Motor Volts Vac	Supply Current A/Ø	Supply Frequency Hz
120	8	100 - 120	32	Three	380 - 415	125	50
Breaker Type required	Motor Start	Water Supply litres/min	Inlet Connection	Height mm	Width mm	Depth mm	Weight kg
D	Direct on-line*	120 potable	2" female BSPP	2330	865	2085 including control cabinet	900 excluding water

\*Note: Pump motors start Direct On Line in banks of four to reduce start up loads.

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