

hydramist[®] 15 Automatic Pump Unit

Issue 1

Description

The Hydramist[®] 15 Automatic Pump Unit is designed and contained within a high grade stainless steel cabinet.

The Unit comprises of one 15 litres/min high pressure, high specification pump with electrically driven single phase motor, a self monitoring pressure switch arrangement, a reset button and a power healthy lamp.

The unit offers a stand alone solution only requiring connection to standard single phase electrical power and potable water. The unit is designed to be wall or floor mounted.

The Hydramist[®] 15 Automatic Pump Unit has been designed to provide fast and effective automatic response to fires in a wide range of applications.

The System was initially designed to provide fire suppression to restaurant type deep fat fryers and associated ducting.



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, Restaurant Fryers, Ovens & Food Processing Factories

Technical Data & Services

Each Hydramist[®] 15 Automatic Pump Unit consists of the following core components:

- 1 x Stainless steel cabinet
- 2 x Pressure monitoring switches
- 1 x Low pressure water inlet connection
- 1 x High pressure pump and motor
- 1 x High pressure manifold
- 1 x Reset button
- 1 x Set of volt free contacts N/O-N/C for shutdown alarm connections if required
- 1 x Set of mounting brackets
- 1 x Operator's Manual

Unit Capacity	Pump Pressure	Motor	Motor Phase	Motor Volts	Mains Current Rating	Supply Frequency	Breaker Type Required
litres/min	bar	kW	Ø	Vac	A/Ø	Hz	
15	100 - 120	4	Single	220 - 240	32	50	D
Motor Start	Water Supply litres/min	Inlet Connection		Height	Width	Depth	Weight
				mm	mm	mm	kg
Direct on-line	15 potable	1/2" female BSPP		310	410	600	54

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