iMIST KEY

STN12 NOZZLE

TEMPERATURE RATING	68°C - 141°C
DESIGN PRESSURE MINIMUM	80 bar
DESIGN FLOW MINIMUM	6 litres per minute
ACTIVATION	Fast Response Frangible Bulb

STANDARD FITTING

BLOCK FITTING

LUMI-PLUGIN FITTING

STX12-2 PUMP UNIT

*REQUIRED FLOW	13.8 lpm
MINIMUM REQUIRED PRESSURE	1 bar

DIMENSIONS (WITHOUT CLEAR SPACE)
L 500mm
H 550mm
D 300mm

*BS8458: 2015 requires additional 15% flow.
Total flow required 13.8lpm.

iZONE (ZONAL ALARM VALVE SET)

NORMALLY OPEN CONTACT
CONNECTION TO FIRE ALARM PANEL - BY OTHERS

DIMENSIONS (WITHOUT CLEAR SPACE)
L 380mm
H 150mm
D 80mm

iZONE

MAXIMUM ZONE SIZE OF 200 NOZZLES OR 2,400MM²

OTHER

RISER
3/8"
1/2"

1/2"

PIPEWORK
12L
3/8"
1/2"

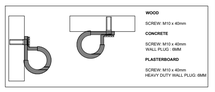
1/2

HIGH CEILING HEIGHT

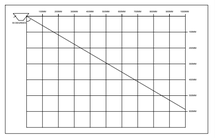
IMPORTANT INFORMATION

Aa

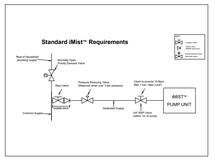
PIPEWORK FIXING



NOZZLE OBSTRUCTION



ELECTRIC & WATER SCHEMATIC


Standard iMist™ Requirements
Mains water supply
Pressure Reducing Valve (Required when over 3 bar pressure)
Check to provide 10 litres per 1 min Max Flow
Electricity Supply
AMIST™ PUMP UNIT
Common Supply Pipework
Stop Valve
Normally Open Pump Demand Valve
Pump Discharge Pipework
Pump Suction Pipework
Pump Test Pipework
Pump Test Valve
Pump Discharge Valve
Pump Suction Valve
Pump Test Orifice
Pump Test Valve
Pump Discharge Valve
Pump Suction Valve
Pump Test Orifice
Pump Test Pipework
Pump Discharge Pipework
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