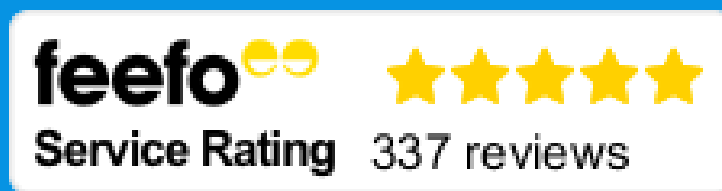


Pre-Installation Guide

Automist Smart Scan Hydra
Wall mounted fire suppression
as of Feb 2023



Contact us

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PRODUCT

DIMENSION & SPECIFICATION

IF YOU HAVE ANY SPECIFIC QUESTIONS PLEASE DO ASK



AUTOMIST PUMP

400X300X200MM (HDXDW)
7KG

CONNECTIONS REQUIRED
WITHIN 300MM. FLOOR
MOUNTED AS STANDARD.
CAN BE PLACED ON SHELF
IF SUPPLIED BY CUSTOMER



CONTROL UNIT

155X42X155MM (HDXDW)

CONTROL UNIT USUALLY
MOUNTED ON WALL NEXT
TO AUTOMIST PUMP.
CONTAINS EMERGENCY
STOP BUTTON ON FRONT



SPRAY HEAD

100X70X90MM (HDXDW)

WALL MOUNTED. MUST BE
POSITIONED AT 1200MM
FROM FINISHED FLOOR
LEVEL. SPRAY HEAD HAS
6M SPRAY PATTERN AT 180
DEGREES COVERAGE



DETECTOR

120MM DIAMETER
60MM DEPTH

CEILING MOUNTED.
AVAILABLE IN WIRELESS AS
STANDARD, CAN BE HARD
WIRED AT REQUEST



HOSE & DATA CABLE

22MM DIAMETER
25MM NUT

32MM HOLES REQUIRED

THERMOPLASTIC HIGH PRESSURE
HOSE. RUN THROUGH FABRIC OF
THE BUILDING BETWEEN PUMP
AND SPRAY HEADS. 32MM HOLES
REQUIRED THROUGH
STUDS/JOISTS/FLOORS



SPECIFICATION

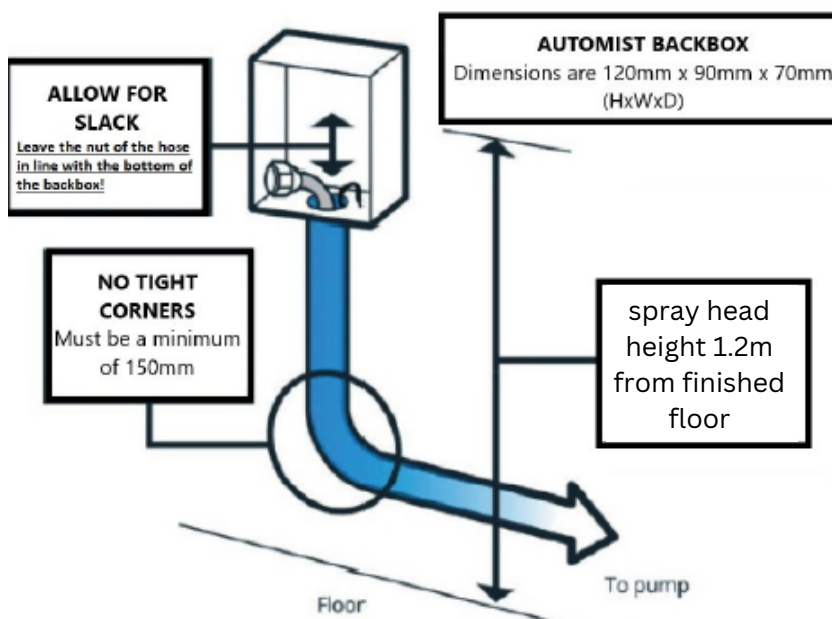
MISTEK DO NOT CARRY OUT CHASING / BUILDERS WORKS

GENERAL REQUIREMENTS

FREE UNHINDERED ACCESS
THROUGHOUT THE PROPERTY.
**FLOORBOARDS LIFTED / CEILINGS
OPEN.** ROUTE OPENINGS BETWEEN
FLOORS. **WALLS OPENED UP. SOLID
WALLS CHASED 40X40MM**

SOLID /MASONRY WALLS?

CHASING / CHANNELING WITH A
**MINIMUM DIMENSION OF 40X40MM IS
REQUIRED ALWAYS.** CHASES **MUST
COME FROM THE BOTTOM UP**, CANNOT
COME FROM CEILING DOWN TO SPRAY
HEAD. EXAMPLE PICS BELOW



EXAMPLE WALL CHASING 40X40MM FOR AUTOMIST HOSE



ELECTRICAL SUPPLY

SPECIFICATION

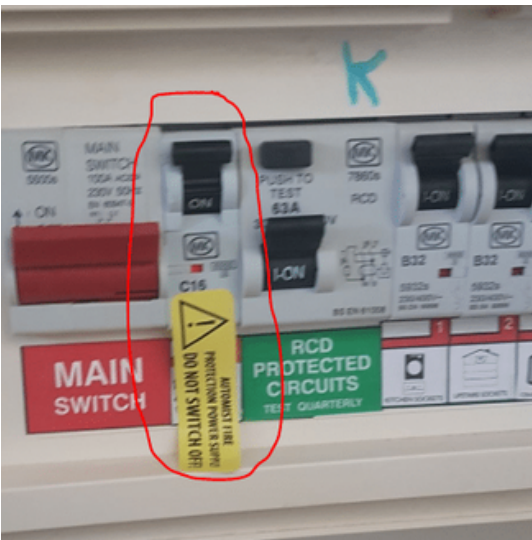
ELECTRICS MUST BE PERMANENTLY INSTALLED AND LIVE FOR INSTALLATION TO TAKE PLACE. WE CANNOT USE TEMPORARY SUPPLIES

THE REQUIREMENTS BELOW AR PER PUMP! IF YOU HAVE 2 PUMPS FOR EXAMPLE YOU WILL NEED 2 SUPPLIES

<u>FUSEBOARD / CONSUMER UNIT</u>	A C16 TYPE BREAKER. MUST BE AN INDEPENDENT CIRCUIT. WITHOUT RCD PROTECTION. MUST ONLY SERVE THE MIST SYSTEM!
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<u>UNSWITCHED SPUR</u> <u>(AT PUMP LOCATION)</u>	A 13AMP UNSWITCHED FUSED SPUR. MUST BE LOCATED WITHIN MAXIMUM OF 300MM OF THE PUMP LOCATION.
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<u>ELECTRICAL CABLE</u> <u>(FP200).</u>	MUST USE RED 2.5MM FP200 CABLE. THIS MUST RUN DIRECTLY BETWEEN THE FUSE BOARD AND THE PUMP LOCATION (SPUR)
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C16 WITHOUT RCD



SPUR



C16 MCB

WATER/PLUMBING SUPPLY

SPECIFICATION

WATER SUPPLY MUST BE PERMANENTLY INSTALLED AND LIVE FOR INSTALLATION TO TAKE PLACE. WE CANNOT USE TEMPORARY SUPPLIES

THE REQUIREMENTS BELOW ARE PER PUMP! IF YOU HAVE 2 PUMPS FOR EXAMPLE YOU WILL NEED 2 SUPPLIES

<u>3/4" BSP VALVE (WASHING MACHINE VALVE).</u>	A 3/4" ELBOW BSP VALVE (WASHING MACHINE VALVE) MUST TERMINATE THE PLUMBING CONNECTION FOR THE AUTOMIST PUMP. MUST BE POSITIONED WITHIN 300MM OF THE PUMP LOCATION.
<u>15MM COLD WATER COPPER FEED</u>	15MM COLD WATER COPPER FEED RUN FROM EXISTING PLUMBING CONNECTION TO PUMP LOCATION
<u>REQUIRED FLOW AND PRESSURE</u>	THE WATER SUPPLY MUST BE CAPABLE OF PROVIDING 8 LITRES PER MIN FLOW AND 1 BAR OF PERMANENT PRESSURE



15MM COPPER PIPE



3/4" BSP WASHING MACHINE VALVE



FAQ'S

CAN I MOUNT THE SPRAY HEAD ON THE CEILING OR HIGHER UP THE WALL?

NO, THE SPRAY HEAD MUST BE MOUNTED AT 1.2M FROM FINISHED FLOOR LEVEL. IF UNSURE CALL THE OFFICE

DO I NEED TO RUN A WIRE FOR THE DETECTORS?

AS STANDARD DETECTORS ARE WIRELESS AND BATTERY OPERATED. IF YOU HAVE A BUILDING CONTROL REQUIREMENT FOR HARD WIRED DETECTORS, PLEASE CONTACT THE OFFICE

CAN I USE A B16 BREAKER INSTEAD OF C16 IF MY ELECTRICIAN SAYS ITS OK?

NO, AUTOMIST HAS A HIGH POWER START UP MOTOR REQUIRING THE PROTECTION OF A C16 BREAKER AT THE VERY MINIMUM.

IF THE WORKS COMPLETED BY YOU OR YOUR CONTRACTOR DIFFERS FROM THE INFORMATION FOUND IN THIS DOCUMENT, WE WILL BE UNABLE TO INSTALL THE SYSTEM AND YOU MAY INCUR ADDITIONAL CHARGES. IF IN ANY DOUBT PLEASE CHECK WITH THE OFFICE



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Accredited Automist™ Installers

