BENEFITS

Efficiency – Uses standard 230V single phase power to operate a robust 3 phase motor for improved efficiency and cooler running
Flexibility – A single misting pump can cool multiple areas. The speed of the motor is automatically adjusted to maintain constant pressure across single or multiple zones.
Expansion – Additional zones can be added to an existing system without the cost of a new pump.
Savings – VFD systems generally operate at lower motor speeds than constant speed systems. Lower motor speeds mean reduced power consumption, reduced wear and tear, and lower maintenance costs.
Environmental – Lower motor speeds reduce operating noise and heat. Less power use is better for the environment.
Robustness – The inverter protects the pump from minor fluctuations in the power supply.
Protection – Inbuilt protection from high amperage, high temperature and loss of water supply.

TECHNICAL DATA

- SIMMM pump AXA model with (CE approved)
- Patented flow rate valve (large range of nozzle numbers with the same model)
- Adjustable pressure up to 105 Bar
- Professional gauge
- Water seals in viton
- Professional VFD variable frequency driver
- Low voltage control panel managed by CPU
- “H” class motor 4 pole low speed (1.450 rpm)
- Lowest noise level 15 dB @ 10 Hz.

STANDARD FUNCTIONS

- Soft motor start
- Cycling timer
- Overload alarm
- Overheating alarm
- Water loss alarm
- Working time counter
- Remote contact

GUARANTEE-10 YEAR GUARANTEE - 10 YEARS
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OPTIONAL DEVICES

- High pressure NC solenoid valve for water drain
- Low pressure in line NC solenoid valve
- Safety pressure switch
- Steel painted black handle frame

MODEL	AXAVFD10.60	AXAVFD20.100	AXAVFD60.250
PRESSURE (BAR)	70	70	70
NOZZLES NUMBER (0.2 MM)	60	100	250
PUMP	SIMMM AXA	SIMMM AXA	SIMMM AXA
MIN FLOW RATE (LT/MIN)	1.1	2.2	5.70
MAX FLOW RATE (LT/MIN)	4.68	8.2	20
MOTOR SPEED (RPM)	1.450	1.450	1.450
VOLTAGE (VOLT)	230/115* 50/60 Hz.	230/115* 50/60 Hz.	230/115* 50/60 Hz.
POWER MAX(AMPS)	3.3	3.3	9
MAX DAILY USE (HOURS)	16	16	16
WEIGHT (KG)	20	20	24
DIMENSIONS LXHXP (CM)	65x44x42	65x44x42	65x44x42