

AXA VFD SERIES

AXAVFD10.60 | AXAVFD20.100 | AXAVFD20.400

Designed for industrial or business environments, the AXA VFD series misting pump provides precise solutions for environments of medium and large dimensions. The patented mechanics with Axial cam combined with high efficiency pumping unit is supported by electronic management thanks to a soft touch electronic board. AXA VFD is suitable for automatic management of single and multiple zones simultaneously.

The use of this product is therefore targeted at professional users requiring reliability, efficiency and continuity of operation for up to 16 hours per day.



10 YEARS
GUARANTEE



<50dB



24H



105 Bar

STANDARD FEATURES

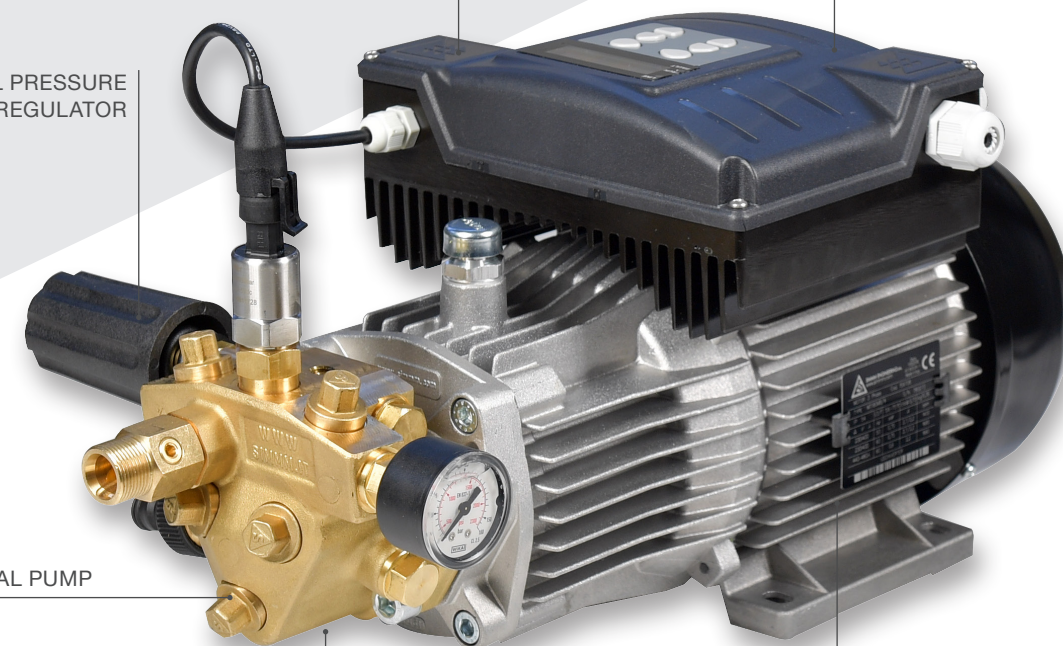
- SOFT TOUCH PANEL
- CYCLING TIMER
- OVERLOAD ALARM
- OVERHEATING ALARM
- WATER LOSS ALARM
- WORKING TIME COUNTER
- REMOTE CONTACT

PROFESSIONAL
VARIABLE FREQUENCY DRIVE
(VFD) WITH LARGE DISPLAY

- LOW VOLTAGE CONTROL
- MANAGED BY CPU

MANUAL PRESSURE
REGULATOR

AXA SIMMM
PROFESSIONAL PUMP



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

"H" CLASS HIGH EFFICIENCY
ELECTRIC MOTOR 4 POLE IP54

BENEFITS

Efficiency – Uses standard 240V 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

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	AXAVFD20.400
PRESSURE (BAR)	70	70	70
NOZZLES NUMBER (0.2 MM)	10-60	20-100	20-400
PUMP	SIMMM AXA	SIMMM AXA	SIMMM AXA
MIN FLOW RATE (LT/MIN)	1.1	2.2	2.2
MAX FLOW RATE (LT/MIN)	4.68	8.2	36
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 LXHPX (CM)	65x44x42	65x44x42	65x44x42