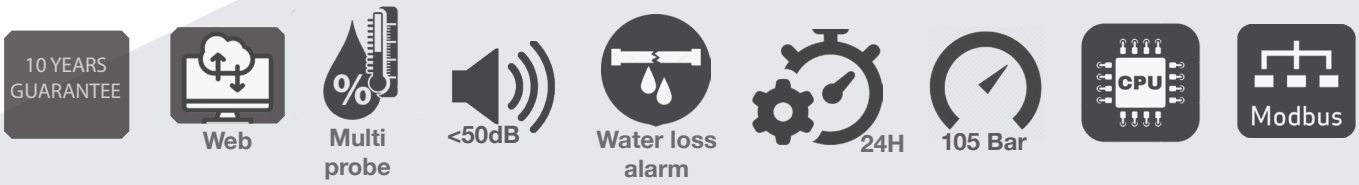
HPro VFD SERIES

E305 | E306 | E307

Designed for industrial or business environments the HPro Misting module provides for precise solutions for instalaltion of medium and large dimension, The patented mechanics with axial cam combined with a high efficiency pumping unit is supported by electronic management by means of a further enhanced Soft Touch electronic board. The unit is contained in a AISI 304 stainless steel chassis equipped with a cooling fan.





EDDY 5
CONTROL PANEL

REMOTE PANELS OVER IP





WEB INTERFACE
CONTROL BY TABLET
PC AND SMARTPHONE

RJ45 ETHERNET
PLUG





DIG. PRESSURE READER





DIG. FLOW RATE MEETER

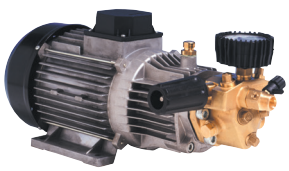
HIGH PRESSURE RELEASE
SOLENOID VALVE



NEW
DRAIN
BUILT-IN SYSTEM
NOT NEED
EXTERNAL
DISCHARGE

INSIDE COOLING FAN (2)





AXA SIMMM PUIMP
900 RPM MOTOR < 50 dB

RO SYSTEM AND REMOTE
ON/OFF CONTROL

SOCKETMODBUS RS485
DIGITAL INTERFACE



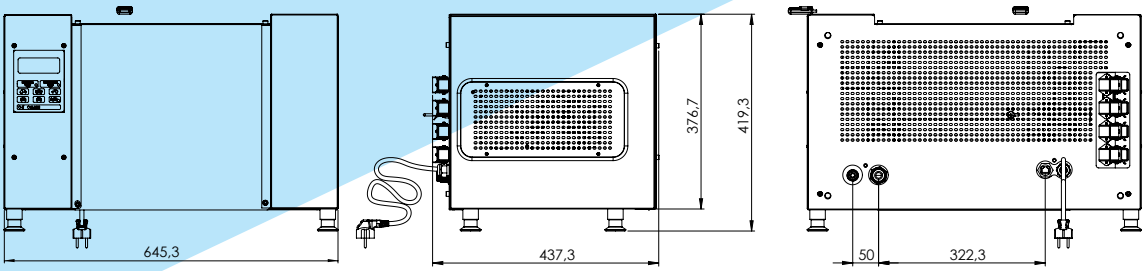
RADIO REMOTE CONTROL
ON/OFF PUMP AND FAN

FANS SOCHET
(230/115 VOLT - 10 AMPS)



HUMIDITY/TEMPERATURE PROBE
MAX 4 WITH MULTI READING





TECHNICAL DATA

- SIMMM pump AXA model with no overheating system (CE approved) Patented flow rate valve (large range of nozzle numbers with the same model)
- Max working pressure up to 105 Bar
- Professional gauge
- Water seals in viton
- Safety water pressure switch
- High pressure release solenoid valve
- “H” class motor with low speed (900 rpm)
- Lowest noise level 50 dB
- Low voltage control panel (12 volt)
- Radio remote control
- Digital cycling timer
- Digital water litre counter
- Digital pressure reader
- Temperature and humidity program
- Weekly timer
- Control via LAN, by any smartphone, tablet, PC or Mac
- Digital alarms with display warning message sent by SM or by Email
- Washing line high pressure solenoid valve
- Automatic fan On/Off switch (230 volt plug built-in)
- Auto program "A" adjusting the cooling power based on temperaure
- Auto program "B" adjusting the cooling power based on humidity
- Auto program “C” humidity management from
- Auto program “D” humidity management with AHU control
- Self-diagnosis
- Soft touch panel
- Notification program (with alert by email or sms
- Soft start to reduce start-up current
- Anti-Legionella Pneumophila automatic system equipped with certified products
- Built-it cooling fan
- Reverse Osmosi connection socket
- Remote on/off control
- Multiply control panels over IP ethernet connections
- Datalogger of all the pump parameters
- Firmware update
- Remote on/off control
- Alarms database record (last 10 alarms)
- Digital alarms with display warning message sent by SMS or by Email:
  - Water Loss
  - High pressure water leacking
  - Pump overheating
  - Motor overload
  - Maintenance time notification (oil change, seals check etc..)
  - Low/max flow rate
  - Low temperature in the pipes (Ice)
- Remote access capability: from any tablet, computer is possible manage the pumps everywhere thanks to internal GPRS module
- Modbus rs 485 (bms) comunciation protocols
- Simultaneous Temp/hum probes connection (max 4) for a better humidifcation
- In line 0-10 input for UTA control
- Out connection for siren or light in case of alarm
- 4 different automatic programs for cooling and humidity control

MODEL	E305	E306	E307
PRESSIONE (BAR)	70-105	70-105	70-105
NOZZLES NUMBER (0.2 MM)	10-60	20-150	60-250
PUMP	SIMMM AXA	SIMMM AXA	SIMMM AXA
MIN FLOW RATE (LT/MIN)	1.2	1.90	5.70
MAX FLOW RATE (LT/MIN)	4.68	9.8	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 (KW/H)	0.92	0.92	2.90
MAX DAILY USE (HOURS)	24	24	24
WEIGHT (KG)	36	36	36
DIMENSIONS LXHXP (CM)	65x44x42	65x44x42	65x44x42

* ON REQUEST