



ZAHMLIEVACIE SYSTÉMY

2018

Najefektívnejšie riešenia pre danú oblasť použitia.

Sme jediná firma na Slovenskom trhu, ktorá má najviac nainštalovaných chladiacich, zvlhčovacích systémov pomocou vodnej pary. Naším cieľom je dodávať zákazníkom presne také riešenie, ktoré je najefektívnejšie pre danú oblasť použitia.

Spoločnosť SANFOG už od roku 2008 vyrába a distribuuje adiabatické systémy slúžiace na vysokotlakú atomizáciu vody, na ktoré má výhradný patent. Ich dizajn, výroba a montáž sú zárukou technologického prvenstva na trhu s vysokotlakými adiabatickými systémami. Projekt vyvinutý spoločnosťou SANFOG má za cieľ výrobu ekologických a úsporných zariadení/jednotiek v snahe znížiť dopad na životné prostredie, chrániť prírodu a znížiť náklady v prospech užívateľov. SANFOG vyrába iba ekologické produkty.

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NEW BASIC SERIES

E192 | E232 | E233

The New Basic Misting Module was created to respond to small and medium scale needs and comes equipped with remote control and illustrated electronics for the management of mist flow. They have been designed for small spaces private companies or businesses that do not require automatic temperature control. The special patented AXB axial type pump allows for silent operation, with minimum and variable flows when required. The structure of the misting module is very compact painted steel cover. Thanks to the digital management of the working times which can be activated by pushing two simple buttons it is possible to adjust atomisation to the different conditions of the day. In the absence of thermohygrometric control, the use of such systems is recommended for open



spaces or well ventilated rooms. Available in three different sizes, the New Basic high pressure misting modules are capable of abating surface temperatures for areas ranging from 10 to 200 sq.m with a fixed line of nozzles. The New Basic Misting Module is simple to use and rapid to install.



1 Inside cooling fan



2 Radio remote control with 4 different controls



3 Back connector for fans



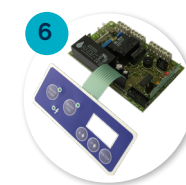
4 High pressure release solenoid valve



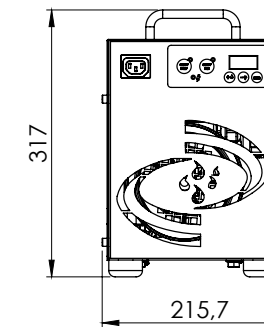
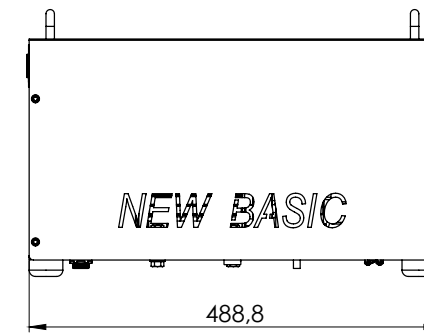
5 AXB SIMMM pump 900 rpm motor < 50 db



6 Inline solenoid valve safety pressure switch



7 Digital control panel



TECHNICAL DATA

- ✓ SIMMM pump AXB 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
- ✓ In line low pressure solenoid valve
- ✓ High pressure release solenoid valve
- ✓ "H" class motor with low rpm
- ✓ Thermal protection
- ✓ Lowest noise level 50 dB
- ✓ Low voltage control panel (12 volt)
- ✓ Radio remote control
- ✓ Digital cycling timer
- ✓ Pump and fan life time counter
- ✓ Pump overheating warning alarm
- ✓ Connection for remote control
- ✓ Built in cooling fan
- ✓ External misting fan socket (230/115 volt-10 A)
- ✓ Painted steel cabinet
- ✓ Antivibration system
- ✓ Graphic alarm warning on display
- ✓ Firmware update
- ✓ Remote on/off control
- ✓ Digital alarms with display warning message :
 - Water Loss
 - Maintenance time notification (oil change, seals check etc..)



MODEL	E192	E232	E233
PRESSIONE (BAR)	70-105	70/105	70/105
NOZZLES NUMBER (0.2 MM)	3-20	10-70	50-100
PUMP SIMMM	AXB SIMMM	AXB SIMMM	AXB
MIN FLOW RATE (LT/MIN)	0.3	0.80	3.3
MAX FLOW RATE (LT/MIN)	1.9	5.9	7.7
MOTOR SPEED (RPM)	900	900	900
VOLTAGE (VOLT)	230/115 50/60 Hz.	230/115 50/60Hz.	230/115 50/60Hz.
POWER (KW/H)	0.48	0.92	0.92
MAX DAILY USE (HOURS)	8	8	8
WEIGHT (KG)	15	15	15
DIMENSIONS LXHPX (CM)	49x32x21	49x32x21	49x32x21

ECO EVO SERIES

E179 | E230 | E236

Taking advantage of the same structural simplicity of the new Basic model but enhanced with a Soft Touch electronic board, the new Eco Evo Misting Module combines affordability with digital, electronically controlled, system management technology. This module is available in three different flow rates and satisfies the differing needs of private and business consumers. The mist flow is controlled by an electronic board dedicated to this product line, which allows, in addition to the independent control of the working/idling times, combined control of the precision metric thermohygrometric probe and the centralised control of fans. The endowed electronic equipment can be connected to special solenoid



valves, for control, depressurisation and cleaning of the lines, for better efficiency and operational safety. The misting modules from the Eco Evo series come equipped with a remote control for remote access, which is useful in situations where it is placed in a high position and is not easily accessible. The Soft Touch electronic board makes the separate control of the fans possible, allowing for their use even when the system is switched off.



misting.cloud
GPRS ACCESS

NEW
THE PUMP IS ALWAYS ONLINE BY
INTERNAL GPRS MODULE



Radio remote control with 4 different controls



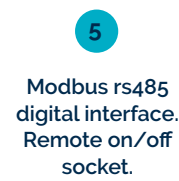
High pressure release solenoid valve



Inline solenoid valve safety pressure switch



AXB SIMMM pump 900 rpm motor < 50 db



Modbus rs485 digital interface. Remote on/off socket.



Humidity/temperature probe / fans socket



Eddy 5 control panel



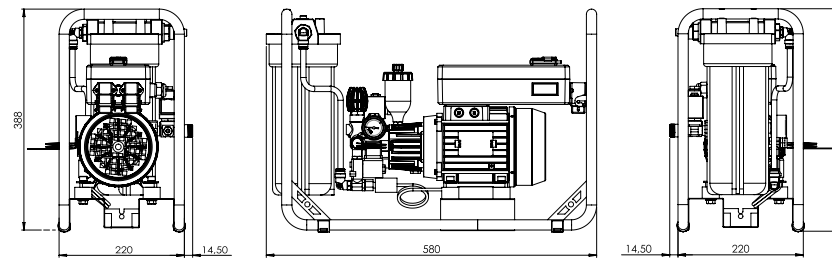
Remote panels over ip



Web interface control by tablet pc and smartphone



RJ45 ethernet plug



TECHNICAL DATA

- ✓ SIMMM pump AXB 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)
- ✓ Thermal protection
- ✓ Lowest noise level 50 dB
- ✓ Low voltage control panel (12 volt)
- ✓ Radio remote control
- ✓ Digital cycling timer
- ✓ WEB INTERFACE control via LAN by any smartphone, tablet, PC or Mac
- ✓ Temperature and humidity program
- ✓ Built-in humidity/temperature probe
- ✓ External professional probe available (not standard)
- ✓ Washing line high pressure solenoid valve
- ✓ Automatic fan On/Off switch (230 volt plug built-in)
- ✓ Auto program (automatic water flow control basing on outside temperature)
- ✓ Notification program (with alert by email or sms)
- ✓ Weekly timer
- ✓ Soft touch panel
- ✓ 5 micron filter
- ✓ Optional no corrosion cabinet
- ✓ Anti-Legionella Pneumophila automatic system equipped with certified products
- ✓ Multiply control panels over IP ethernet connections
- ✓ Datalogger of all the pump parameters
- ✓ Firmware update
- ✓ Remote on/off control
- ✓ Modbus RS485 digital interface
- ✓ Digital alarms with display warning message sent by SMS (optional) or by Email:
 - Water Loss
 - Pump overheating
 - Motor overload
 - Maintenance time notification (oil change, seals check etc.)
 - Low temperature in the pipes (Ice)



MODEL	E179	E230	E236
PRESSIONE (BAR)	70-105	70/105	70/105
NOZZLES NUMBER(0.2 MM)	3-20	10-70	50-100
PUMP	SIMMM AXB	SIMMM AXB	SIMMM AXB
MIN FLOW RATE (LT/MIN)	0,3	0,80	3,3
MAX FLOW RATE (LT/MIN)	1,9	5,9	7,7
MOTOR SPEED (RPM)	900	900	900
VOLTAGE (VOLT)	230/115 50/60 Hz.*	230/115 50/60Hz.*	230/115 50/60Hz.*
POWER (KW/H)	0,48	0,92	0,92
MAX DAILY USE (HOURS)	8	8	8
WEIGHT (KG)	16	16	16
DIMENSIONS LXHX (CM)	58x39,5x23,5	58x39,5x23,5	58x39,5x23,5

PROFY SERIES

E290

The Profy Misting Module was created to respond to medium and large scale needs. It comes equipped with remote control and illustrated electronics for the management of mist flow. They have been designed for spaces private companies or businesses that do not require automatic temperature control. The special patented AXA axial type pump allows for silent operation, with minimum and variable flows when required. The structure of the misting module is very compact painted steel frame. Thanks to the digital management of the working times which can be activated by pushing two simple buttons it allows atomisation adjustment to the different conditions of the day. In the



absence of thermohygrometric control, the use of such systems is recommended for open spaces or well ventilated rooms. Available in a unique size, the Profy high pressure misting modules are capable of abating surface temperatures for areas with a fixed line of nozzles or By misting fans. The Profy Misting Module is simple to use and rapid to install.



- 1 Flow rate valve (pressure regulator)
- 2 Painted steel handle for easy transportation
- 3 High pressure release solenoid valve
- 4 Inline solenoid valve safety pressure switch
- 5 Axa simmm pump 900 rpm motor < 50 db optimized for industrial installations
- 6 Back connector for fans
- 7 Lucky2 control panel - cycling timer - 4 preset timers - life time pump/fans - remote control - digital display
- Radio remote control with 4 different controls

TECHNICAL DATA

- ✓ SIMMM pump AXB 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
- ✓ In line low pressure solenoid valve
- ✓ High pressure release solenoid valve
- ✓ "H" class motor with low rpm
- ✓ Thermal protection
- ✓ Lowest noise level 50 dB
- ✓ Low voltage control panel (12 volt)
- ✓ Radio remote control
- ✓ Digital cycling timer
- ✓ Pump and fan life time counter
- ✓ Pump overheating warning alarm
- ✓ Connection for remote control
- ✓ Built in cooling fan
- ✓ External misting fan socket (230/115 volt-10 A)
- ✓ Painted steel cabinet
- ✓ Antivibration system
- ✓ Graphic alarm warning on display

TECHNICAL DATA

- ✓ Firmware update
- ✓ Remote on/off control
- ✓ Digital alarms with display warning message
 - Water Loss
 - Maintenance time notification (oil change, seals check etc..)



MODEL	E290
PRESSIONE (BAR)	70-105
NOZZLES NUMBER(ø.2 MM)	10-90
PUMP	SIMMM AXA
MIN FLOW RATE (LT/MIN)	0.5
MAX FLOW RATE (LT/MIN)	7.7
MOTOR SPEED (RPM)	900
VOLTAGE (VOLT)	230/115 50/60Hz*
POWER (KW/H)	0.92
MAX DAILY USE (HOURS)	16
WEIGHT (KG)	28
DIMENSIONS LXHXXP (CM)	58x39.5x23.5

* on request

HPro SERIES

E254 | E186 | E188 | E190

The Profy Misting Module was created to respond to medium and large scale needs. It comes equipped with remote control and illustrated electronics for the management of mist flow. They have been designed for spaces private companies or businesses that do not require automatic temperature control. The special patented AXA axial type pump allows for silent operation, with minimum and variable flows when required. The structure of the misting module is very compact painted steel frame. Thanks to the digital management of the working times which can be activated by pushing two simple buttons it allows atomisation adjustment to the different conditions of the day. In the



absence of thermohygrometric control, the use of such systems is recommended for open spaces or well ventilated rooms. Available in a unique size, the Profy high pressure misting modules are capable of abating surface temperatures for areas with a fixed line of nozzles or By misting fans. The Profy Misting Module is simple to use and rapid to install.



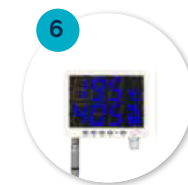
4 High pressure release solenoid valve



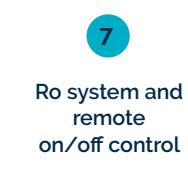
5 AXB SIMMM pump 900 rpm motor < 50 db



6 Back connector for fans



7 Ro system and remote on/off control



8 Socketmodbus rs485 digital interface



9 Inside cooling fan



1 Radio remote control with 4 different controls



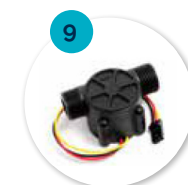
2 Remote panels over ip



3 Eddy 5 control panel



4 Dig. pressure reader



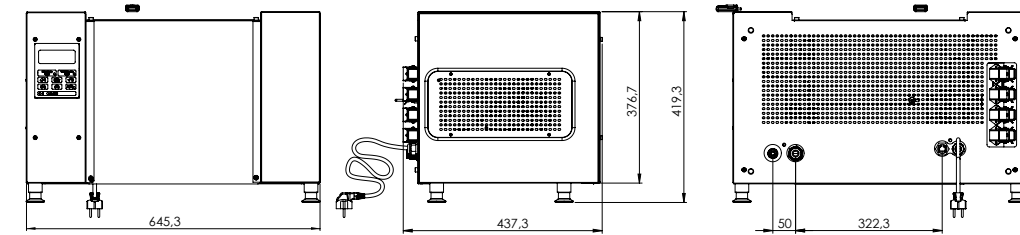
5 Dig. flow rate meeter



6 RJ45 ethernet plug



7 Web interface control by tablet pc and smartphone



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 tempaure
- ✓ Auto program "B" adjusting the cooling power based on humidity
- ✓ Self-diagnosis
- ✓ Soft touch panel
- ✓ Notification program (with alert by email or sms)
- ✓ AISI 304 stainless steel cabinet
- ✓ Drain built-in system - not need external discharge
- ✓ 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 leaking
 - 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 humidification
- ✓ 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	E254	E186	E188	E190
PRESSIONE (BAR)	70-105	70-105	70/105	70/105
NOZZLES NUMBER(ø.2 MM)	5-40	30-70	50-100	100-350
PUMP	SIMMM AXA	SIMMM AXA	SIMMM AXA	SIMMM AXA
MIN FLOW RATE (LT/MIN)	0.5	2.5	3.9	7.8
MAX FLOW RATE (LT/MIN)	3.5	6	7.8	30
MOTOR SPEED (RPM)	900	900	900	1450
VOLTAGE (VOLT)	230/115 50/60 Hz.*	230/115 50/60 Hz.*	230/115 50/60Hz.*	230/115 50/60Hz.*
POWER (KW/H)	0.92	0.92	2.60	2.90
MAX DAILY USE (HOURS)	16	16	16	16
WEIGHT (KG)	36	36	36	36
DIMENSIONS LXHP (CM)	65x44x42	65x44x42	65x44x42	65x44x42

* on request

HPro VFD SERIES

E259 | E260 | E268

Designed for industrial or business environments the HPro VFD Misting module provides for precise solutions for environments 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 pressurised AISI 304 stainless steel chassis equipped with a cooling fan. The main features of this product line are its compactness, its high energy efficiency and a structural robustness that is state of the



high energy efficiency and a structural robustness that is state of the art. The use of this product is therefore targeted at professional users who need to manage a significantly large flow of mist and require an operational continuity which may exceed 16 hours per day.

misting.cloud GPRS ACCESS

NEW THE PUMP IS ALWAYS ONLINE BY INTERNAL GPRS MODULE



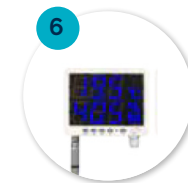
4 High pressure release solenoid valve



5 AXB SIMMM pump 900 rpm motor < 50 db



6 Back connector for fans



6 Humidity/temperature probe max 4 with multi reading



7 Ro system and remote on/off control



8 Inside cooling fan



1 Radio remote control with 4 different controls



1 Remote panels over ip



2 Eddy 5 control panel



3 Dig. pressure reader



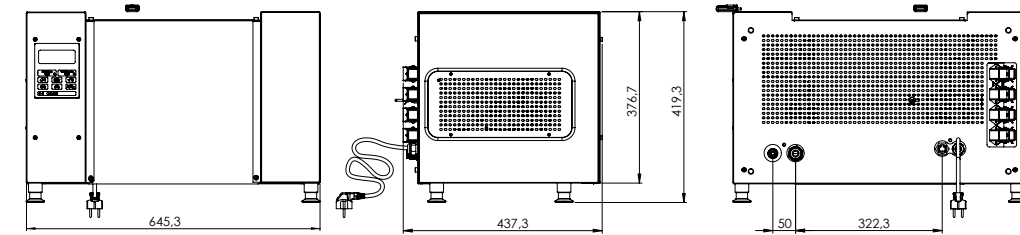
9 Dig. flow rate meeter



10 RJ45 ethernet plug



11 Web interface control by tablet pc and smartphone



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 temperature
- ✓ Auto program "B" adjusting the cooling power based on humidity
- ✓ Self-diagnosis
- ✓ Soft touch panel
- ✓ Notification program (with alert by email or sms)
- ✓ Professional Frequency Variable Drive (VFD)
- ✓ Soft start to reduce start-up current
- ✓ AISI 304 stainless steel cabinet
- ✓ Drain built-in system - not need external discharge
- ✓ 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
- ✓ Modbus RS485 digital interface
- ✓ Alarms database record (last 10 alarms)
- ✓ Digital alarms with display warning message sent by SMS or by Email:
 - Water Loss
 - High pressure water leaking
 - 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 humidification

MODEL	E259	E260	E268	E190
PRESSIONE (BAR)	70-105	70-105	70-105	70/105
NOZZLES NUMBER(ø.2 MM)	10-60	20-150	60-400	100-350
PUMP	SIMMM AXA	SIMMM AXA	SIMMM AXA	SIMMM AXA
MIN FLOW RATE (LT/MIN)	1.2	1.90	5.70	7.8
MAX FLOW RATE (LT/MIN)	4.68	9.8	36	30
MOTOR SPEED (RPM)	1450	1450	1450	1450
VOLTAGE (VOLT)	230/115 50/60 Hz.*	230/115 50/60 Hz.*	230/115 50/60 Hz.*	230/115 50/60Hz.*
POWER (KW/H)	0.92	0.92	2.90	2.90
MAX DAILY USE (HOURS)	16	16	16	16
WEIGHT (KG)	36	36	36	36
DIMENSIONS LXHP (CM)	65x44x42	65x44x42	65x44x42	65x44x42

* on request

HPro VFD Mz SERIES

E215 | E216 | E269

The H-pro Multizone unit can be installed when is required to cool or humidfy large areas by multiply lines. Thanks a patented pump unit AXA the HPro VFD Mz can work from 10 to 60 nozzles with VFD (Variable frequency drive) control reducing the maintenance cost increasing the reliability. The pressure (70 Bar - 1.500 PSI) remains stable also when just some lines are open. The Hpro-Mz is working in combination with a PLC device and display satellite controller for each zone in order to set the humidity, temperature, cycling timers for each area. Any satellite manages different devices as



inline/clean solenoid valve. its high energy efficiency and a structural robustness that is state of the art. Such a situation arises when the environment to be cooled is used neither uniformly or simultaneously. After a customised assessment during the planning stage, any areas can be managed centrally and automatically.

misting.cloud GPRS ACCESS

NEW THE PUMP IS ALWAYS ONLINE BY INTERNAL GPRS MODULE



High pressure release solenoid valve



AXB SIMMM pump 900 rpm motor < 50 db



Back connector for fans



Humidity/temperature probe max 4 with multi reading



Ro system and remote on/off control



Inside cooling fan



Radio remote control with 4 different controls



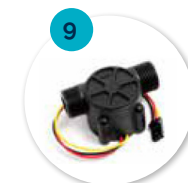
Remote panels over ip



Eddy 5 control panel



Dig. pressure reader



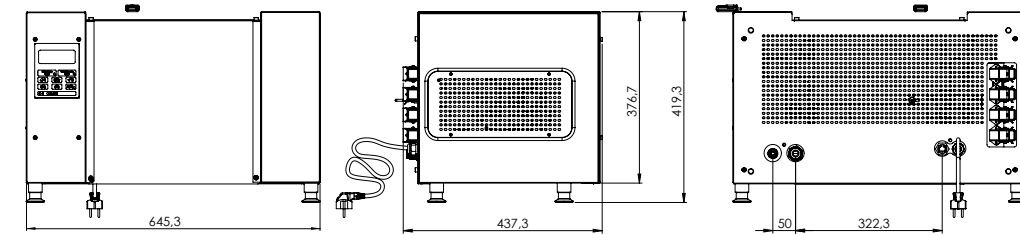
Dig. flow rate meeter



RJ45 ethernet plug

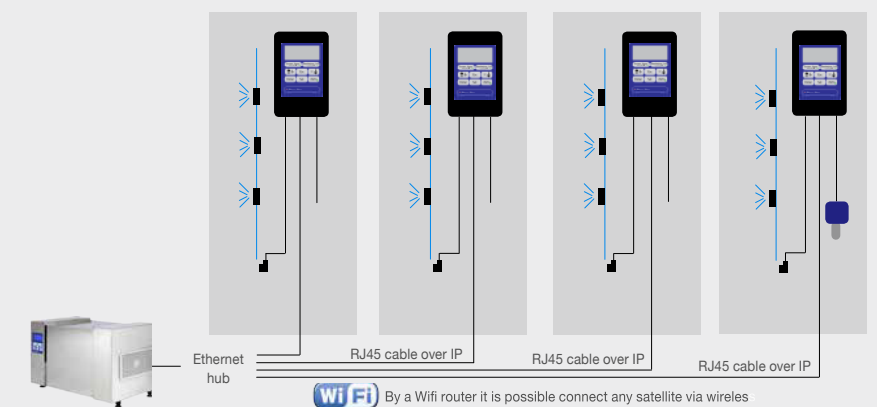


Web interface control by tablet pc and smartphone



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
 - ✓ Safety water pressure switch
 - ✓ High pressure release solenoid valve
 - ✓ "H" class motor with low speed (900 rpm)
 - ✓ Thermal protection
 - ✓ 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
 - ✓ AISI 304 stainless steel cabinet
 - ✓ Built-it cooling fan
 - ✓ Anti-Legionella Pneumophila automatic
- system equipped with certified products
 - ✓ 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
 - ✓ Modbus RS485 digital interface
 - ✓ Weekly timer
 - ✓ Control via LAN, by any smartphone, tablet, PC or Mac
 - ✓ Digital alarms on display warning
- message sent by SMS or by Email
 - ✓ Washing line high pressure solenoid valve
 - ✓ Automatic fan On/Off switch (230 volt plug built-in)
 - ✓ Auto program
 - ✓ Self-diagnosis
 - ✓ Digital alarms with display warning message
 - ✓ Soft touch panel
 - ✓ High efficiency VFD



MODEL	E215	E216	E269	E190
PRESSIONE (BAR)	70-105	70-105	70-105	70/105
NOZZLES NUMBER(ø.2 MM)	10-60	20-150	60-400	100-350
PUMP	SIMMM AXA	SIMMM AXA	SIMMM AXA	SIMMM AXA
MIN FLOW RATE (LT/MIN)	1.2	1.90	5.70	7.8
MAX FLOW RATE (LT/MIN)	4.68	9.8	36	30
MOTOR SPEED (RPM)	1.450	1.450	1.450	1.450
VOLTAGE (VOLT)	230/115 50/60 Hz.*	230/115 50/60 Hz.*	230/115 50/60 Hz.*	230/115 50/60Hz.*
POWER (KW/H)	0.92	0.92	2.90	2.90
MAX DAILY USE (HOURS)	16	16	16	16
WEIGHT (KG)	36	36	36	36
DIMENSIONS LXHP (CM)	65x44x42	65x44x42	65x44x42	65x44x42

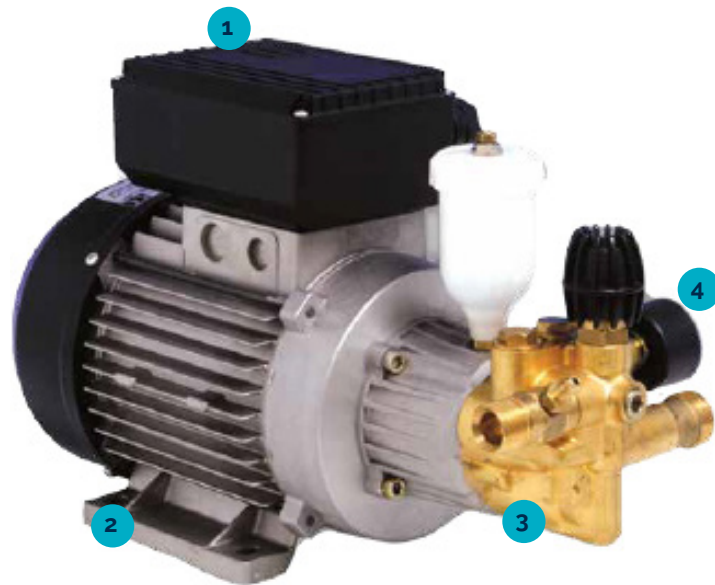
* on request

AXB SERIES

AXB3.20 | AXB10.70
AXB50.100

Designed for commercial environments, the AXB series misting pump provides precise solutions for environments of small and medium dimensions. The patented mechanics with Axial cam combined with high efficiency pumping unit is supported by a flow rate valve.

The use of this product is therefore targeted at domestic/commercial users requiring reliability, efficiency and continuity of operation for up to 8 hours per day.



- 1 High performance electric motor**
 - "h" class
 - low speed 900 rpm < 50 db
 - ip54
 - integrated ventilation



- OPTIONAL DEVICES**
 - high pressure no solenoid valve for water drain
 - low pressure in line nc solenoid valve
 - safety pressure switch
 - steel painted black handle frame

- 3 PATENTED AXIAL PUMPS**
 - brass head
 - flow rate valve
 - pressure regulation

- 4 PROFESSIONAL PRESSURE GAUGE**

TECHNICAL DATA

- ✓ SIMMM pump AXB 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
- ✓ "H" class motor 6 pole low speed (900 rpm)
- ✓ Lowest noise level < 50 dB.

OPTIONAL DEVICES

- ✓ High pressure NO solenoid valve for water drain
- ✓ Low pressure in line NO solenoid valve
- ✓ Safety pressure switch
- ✓ Steel painted black handle frame

BENEFITS

Efficiency – Low speed 900 rpm motor with lower current consumption and longer reliability

Flexibility – Single pump with larger flow rate from few nozzle to large quantity
Expansion – Possibility to use more pumps in parallel for highest flow rate
Environmental – Lower motor speeds reduce operating noise and heat. Less power use is better for the environment.
Robustness – Brass head pump

BENEFITS

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Robustness – Brass head pump



MODEL	AXB3.20	AXB10.70	AXB50.100
PRESSIONE (BAR)	70-105	70/105	70/105
NOZZLES NUMBER (0.2 MM)	3-20	10-70	50-100
PUMP	SIMMM AXB	SIMMM AXB	SIMMM AXB
MIN FLOW RATE (LT/MIN)	0.3	0.80	3.3
MAX FLOW RATE (LT/MIN)	1.9	5.9	7.7
MOTOR SPEED (RPM)	900	900	900
VOLTAGE (VOLT)	230/115 50/60 Hz.*	230/115 50/60Hz.*	230/115 50/60Hz.*
POWER (KW/H)	0.48	0.92	0.92
MAX DAILY USE (HOURS)	8	8	8
WEIGHT (KG)	15	15	15
DIMENSIONS LXHPX (CM)	49x32x21	49x32x21	49x32x21

* on request

AXB SERIES

AXA5.40 | AXA30.70
AXA50.100 | AXA.100.350

Designed for industrial or business environments, the AXA 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 a flow rate valve.

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.



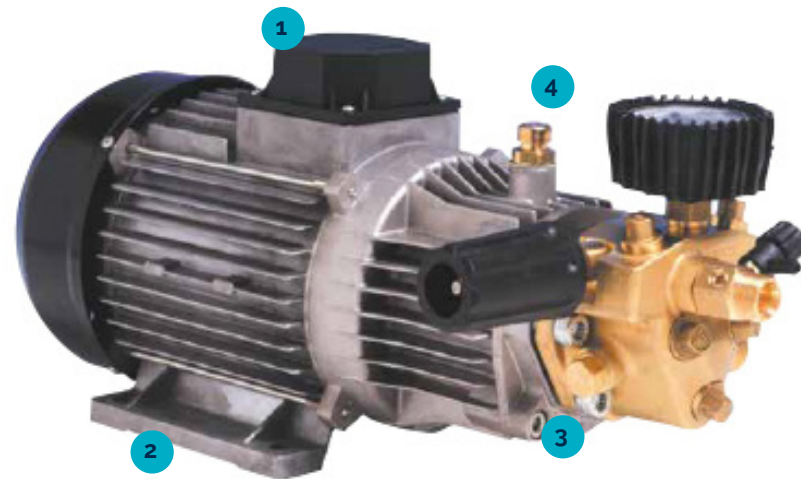
- 1 **High performance electric motor**
 - "h" class
 - low speed 900 rpm < 50 db
 - ip54
 - integrated ventilation



- 2 **OPTIONAL DEVICES**
 - high pressure no solenoid valve for water drain
 - low pressure in line nc solenoid valve
 - safety pressure switch
 - steel painted black handle frame

- 3 **PATENTED AXIAL PUMPS**
 - brass head
 - stainless steel valves
 - coated ceramic piston
 - flow rate valve
 - pressure regulation

- 4 **PROFESSIONAL PRESSURE GAUGE WITH RUBBER PROTECTION**



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
- ✓ "H" class motor 6 pole low speed (900 rpm)
- ✓ Lowest noise level < 50 dB.

OPTIONAL DEVICES

- ✓ High pressure NO solenoid valve for water drain
- ✓ Low pressure in line NC solenoid valve
- ✓ Safety pressure switch
- ✓ Steel painted black handle frame

BENEFITS

- Efficiency – Low speed 900 rpm motor with lower current consumption and longer reliability
- Flexibility – Single pump with larger flow rate from few nozzle to large quantity
- Expansion – Possibility to use more pumps in parallel for highest flow rate
- Environmental – Lower motor speeds reduce operating noise and heat. Less power use is better for the environment.
- Robustness – Brass head pump with ceramic piston and stainless steel valves



MODEL	AXA5.40	AXA30.70	AXA50.100	AXA100.350
PRESSIONE (BAR)	70-105 70-105	70/105	70/105	70/105
NOZZLES NUMBER (0.2 MM)	5-40	30-70	50-100	100-350
PUMP	SIMMM AXA	SIMMM AXA	SIMMM AXA	SIMMM AXA
MIN FLOW RATE (LT/MIN)	0.5	2.5	3.9	7.8
MAX FLOW RATE (LT/MIN)	3.5	6	7.8	30
MOTOR SPEED (RPM)	900	900	900	1.450
VOLTAGE (VOLT)	230/115 50/60 Hz.*	230/115 50/60 Hz.*	230/115 50/60Hz.*	230/115 50/60Hz.*
POWER (KW/H)	0.92	0.92	2.60	2.90
MAX DAILY USE (HOURS)	16	16	16	16
WEIGHT (KG)	36	36	36	36
DIMENSIONS LXHXPC (CM)	65x44x42	65x44x42	65x44x42	65x44x42

* on request

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.



1 **MANUAL PRESSURE REGULATOR**

2 **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

4 **"H" CLASS HIGH EFFICIENCY ELECTRIC MOTOR 4 POLE IP54**

5 **PROFESSIONAL VARIABLE FREQUENCY DRIVE (VFD) WITH LARGE DISPLAY**
- low voltage control
- managed by cpu

6 **STANDARD FEATURES**
- soft touch panel
- cycling timer
- overload alarm
- overheating alarm
- water loss alarm
- working time counter
- remote contact



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 (1450 rpm)
- ✓ Lowest noise level 15 dB @ 10 Hz.
- ✓ 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

STANDARD FUNCTIONS

- ✓ Soft motor start
- ✓ Cycling timer



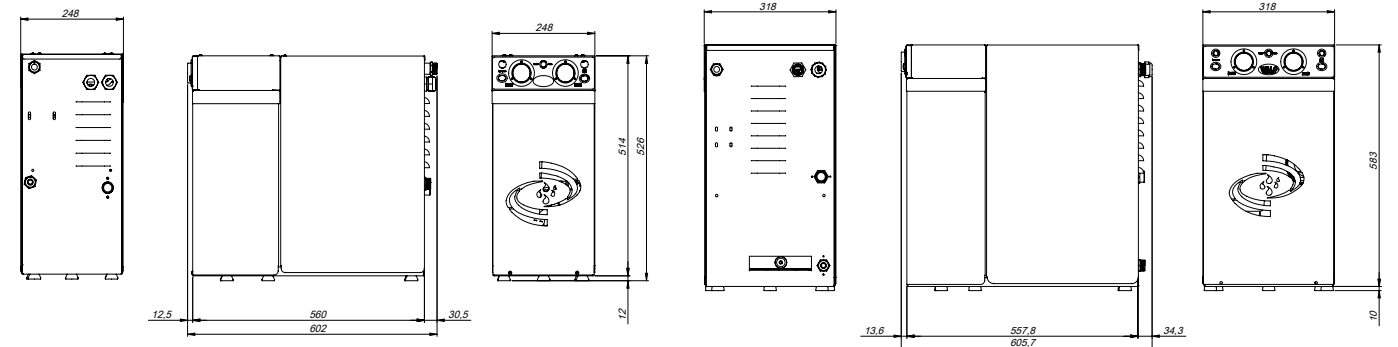
MODEL	AXAVFD10.60	AXAVFD20.100	AXAVFD20.400
PRESSURE (BAR)	70	70	70
NOZZLES NUMBER (0.2 MM)	10-60	20-100	20-400
PUMP	SIMMM AXA	SIMMM AXA	SIMMM AXA
MIN FLOW RATE (LT/MIN)	11	2.2	2.2
MAX FLOW RATE (LT/MIN)	4.68	8.2	36
MOTOR SPEED (RPM)	1450	1450	1450
VOLTAGE (VOLT)	230/115* 50/60 Hz.	230/115* 50/60 Hz.	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 LXHXPC (CM)	65x44x42	65x44x42	65x44x42

* on request

RO SERIES

07.821.A | 07.821.Bt

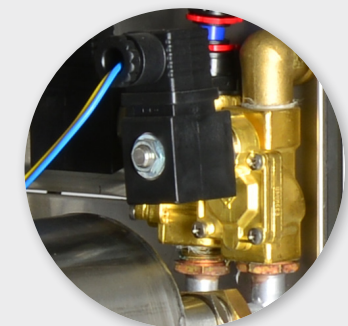
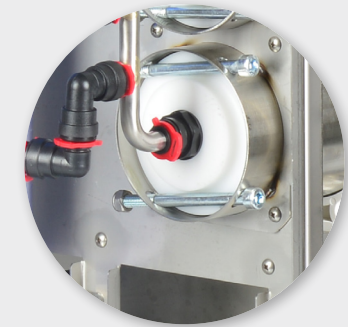
How the Reverse Osmosis System Works?
Reverse Osmosis is a process in which dissolved inorganic solids (such as salts) are removed from a solution (such as water). This is accomplished by household water pressure pushing the tap water through a semi permeable membrane. The membrane (which is about as thick as cellophane) allows only the water to pass through, not the impurities or contaminants. These impurities and contaminants are flushed down the drain.



- 1 CONTROL PANEL
- 2 CARBON FILTER
- 3 PRESSURE PUMP
- 4 DOUBLE MEMBRANES (E300 IN SS ENCLOSURE)
- 5 5 LT. WATER THANK

TECHNICAL DATA

- ✓ Cabinet in SS
- ✓ Professional Osmosis pump (10 bar)
- ✓ SS 5 lt water tank built-in
- ✓ 5 Bar booster pump
- ✓ Inlet carbon filter
- ✓ Membranes easy maintenance
- ✓ Autocleaning program
- ✓ Up to 300 lt/h (continuous) of pure water
- ✓ Electronic control panel
- ✓ Low voltage control panel (12 volt)
- ✓ By-pass function
- ✓ (CE approved)



MODEL	07.821.A	07.821.B
FLOW RATE (LT/H)	150	300
NO. MEMBRANES	1	2
WATER THANK	5 LT	5 LT
AUTO CLEANING PROGRAM	PRESENT	PRESENT
DIMENSIONS (MM)	248x560x526	318x557x583
WEIGHT (KG.)	19	25
SOUND LEVEL (DB)	<70	<70
TYPE OF INLET WATER	DRINKING WATER	DRINKING WATER
MIN. TEMPERATURE (°C)	5	5
MAX TEMPERATURE (°C)	45	45
TENSION (VOLT)	115/230 VOLT 50/60 HZ.*	115/230 VOLT 50/60 HZ.*
POWER (W)	426	800

* on request

AXIAL FAN

07.456.5.A

High wear resistant professional fans with three speeds. a 4-blade metal propeller for steady and silent operation. operating range for indoor environments 12 m max., and 8 m for outdoor. black painted steel grill. equipped with a high-pressure ring. it supports fixed misting lines with 1-6 micrometric nozzles. can be positioned as required to a wall or floor bracket and can cover surfaces of between 40-70 sq.m thanks to a 70° horizontal oscillation. particularly suitable for industrial environments due to their high resistance to wear. can operate for up to 16 hours a day.



SPEED	ONE	TWO	THRE
SIZE (CM)	56	56	56
NOZZLES NUMBER	6	6	6
MOTOR SPEED (RPM)/SOUND LEVEL (DB)	1.000/31	1150/35	1400/38
POWER (W)/IP RATE	310/IP54	330/IP54	350/IP54
VOLTAGE (V)	230-50 HZ.	230-50 HZ.	230-50 HZ.
OSCILLATION	70°	70°	70°
AIR FLOW (M3/H)	9.900	10.900	12.800
NET COLOR	BLACK/NO CORROSION TREATMENT	BLACK/NO CORROSION TREATMENT	BLACK/NO CORROSION TREATMENT

AXIAL FAN

07.456.5.A

High capacity destratifier comes accompanied by a high pressure ring with a maximum of 8 nozzles. can be suspended anchored to the ceiling at a height of 4.0 m. area coverage of 70.0 sq.m. applicable to professional humidification solutions to satisfy high volume and large surface demands. for use in high-volume industrial environments and ceiling heights equal to or greater than 5.0 m.



SIZE (CM)	90
NOZZLES NUMBER	8
MOTOR SPEED (RPM)	450
POWER (W)	520
VOLTAGE (V)	115/230-50 /60 HZ*
OSCILLATION	/
AIR FLOW (M3/H)	9.000

* on request

TANGENTIAL FAN



Tangential ventilator in aisi 304 stainless steel. extremely quiet, it lends itself to being placed in either open or closed environments, which are moderately ventilated. its vertical compactness allows for usage in low height environments such as gazebos or small terraces. vertically adjustable, it emits a few-centimetre-high plane of air, with a usable extension of 4.0 linear metres. it supports 2 to 4 nozzles and allows cooling for areas of approximately 20 sq.m.



NOZZLES NUMBER	
MOTOR SPEED (RPM)	1.000
POWER (W)	45
VOLTAGE (V)	115/230-50/60 HZ**
OSCILLATION	/
AIR FLOW (M3/H)	425

* on request

SKY MIST

07.778.B

High capacity centrifugal fan aisi 304 stainless steel. comes accompanied by a high pressure ring with a maximum of 6 nozzles. can be suspended anchored to the ceiling at a height of 3.0 m. area coverage of 40 sq.m. applicable to professional humidification solutions to satisfy high volume and large surface demands. for use in highvolume industrial environments and ceiling heights equal to or greater than 3.0 m.



SIZE (CM)	35
NOZZLES NUMBER	6
MOTOR SPEED (RPM)	2.500
POWER (W)	60
VOLTAGE (V)	115/230-50/60 HZ**
OSCILLATION	/
AIR FLOW (M3/H)	570

* on request

Prečo SANFOG



Rychle dodanie systému



Komplexne dodanie celej technológie a súvisiacich technológií od jedného generálneho dodávateľa, ako napr:

- ✓ Uprava vody
- ✓ Adiabaticky/zvlhčovaci systém
- ✓ Podporná konštrukcia – montážny systém – naša firma sa stala VIP partnerom spoločnosti HILTI, čím naš zákazník získava rýchlejšie dodanie tovaru a presne na mieru vyhotovený projekt
- ✓ Vodoinštalačné a kanalizačné práce



Rychly systém, komplexná projektová dokumentácia



Certifikované zariadenia



Certifikovaná firma

Výhody systémov



Nižšie prevádzkové náklady ako štandardné klimatizácie



Možnosť využitia aj vo vonkajších priestoroch



Jednoduchá a nenáročná obsluha



Chladienie na miestach, kde to doteraz nebolo možné



Nie je potrebné výrobné priestory vlhčiť rozlievaním vody po podlahe, prípadne kropiť a pod.



Zdravšie pracovné prostredie pre zamestnancov



Kvalitnejšie prostredie pre výrobu a prácu s hydroskopickými materiálmi



Stabilná úroveň vlhkosti materiálov vo výrobnom procese (materiály na báze dreva, papiera, textilu a pod.)



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