

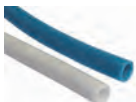
## KIT MOSKITO LINE 50 - 200 m

KIT linea 1/4" mosKITo 50 - 200 metri



KIT POLYAMIDE: accessori per la realizzazione di impianti di difesa dagli insetti professionali, ad alta pressione. Gli accessori contenuti nei vari "Kit", da abbinare ad un modulo pompa «mosKITo», permettono di installare un impianto completo dovendo disporre solo di un allacciamento idrico e una presa elettrica.

NYLON TUBING KIT: a complete set of accessories suitable to build a professional mosquito defense misting pipeline. «mosKITo» high pressure pump unit is required to install a full working system.

| Ogni KIT include:<br>KIT includes:                                                  | Codice<br>Code | Descrizione materiali<br>Description of materials                                             | Kit 50<br>TC502050 | Kit 100<br>TC502100 | Kit 150<br>TC502150 | Kit 200<br>TC502200 |
|-------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------|--------------------|---------------------|---------------------|---------------------|
|    | EC508006       | Tubo flessibile di raccordo alla pompa 10x8 150 cm<br>10x8 mm flexible hose - length:150 cm   | 1                  | 1                   | 1                   | 1                   |
|    | EC508002       | Raccordo dritto 1/2" M - 10 mm ottone<br>Push-in brass connection 1/2" m - 10 mm              | 1                  | 1                   | 1                   | 1                   |
|    | EC400010       | Pinza tagliatubi per tubi fino 1/2"<br>Tubing cutter - max. size 1/2"                         | 1                  | 1                   | 1                   | 1                   |
|   | TC404001       | Tubo A.P. in Polyamide 1/4" in bobina da 25 mt.<br>1/4" nylon tubing in coil form 25 mt.      | 2                  | 4                   | 6                   | 8                   |
|  | TC304001       | Raccordo portaugello 1/4" 1 foro in ottone<br>1/4" Fitting for nozzle                         | 12                 | 24                  | 36                  | 48                  |
|  | TC304005       | Raccordo curva 90 in ottone ad innesto rapido 3/8"<br>3/8" L Fitting                          | 6                  | 6                   | 6                   | 6                   |
|  | TC304004       | Raccordo a "Tee" in ottone ad innesto rapido 1/4"<br>1/4" T Fitting                           | 1                  | 1                   | 1                   | 1                   |
|  | TC304013       | Raccordo 1/4" portaugello ad innesto di fine linea<br>1/4" End Fitting for 1 nozzle           | 2                  | 2                   | 2                   | 2                   |
|  | TC304003       | Raccordo unione ad innesto 1/4"<br>1/4" tube coupling                                         | 2                  | 2                   | 2                   | 2                   |
|  | EC040302       | Ugello nebulizzatore Noxide mosKITo foro 0.30mm<br>0.30mm Noxide/S.Steel mosKITo Nozzle       | 12                 | 24                  | 36                  | 48                  |
|  | TC404007       | Passacavo inox gommato per fissaggio tubo 1/4"<br>Clamp for 1/4" tubing                       | 20                 | 40                  | 60                  | 80                  |
|  | EC41030C       | Prolunga in rame nichelato flessibile 30cm<br>Flexible copper nozzle extender 30cm (11,81 in) | 12                 | 24                  | 36                  | 48                  |

## CHEMICALS and INSECTICIDES

## PRODOTTI CHIMICI, REPELLENTI e INSETTICIDI



EC400501 PIRETRO SAFE EC concentrato - Confezione da 1 litro



Insetticida concentrato a base di estratto naturale di Piretro, inodore, ininfiammabile, dotato di rapida azione abbattente e snidante, effetto insetto-repellente. Su base acquosa.

Per disinfestazioni generali contro mosche, zanzare, scarafaggi e tutti gli insetti domestici in abitazioni, ospedali, cliniche, scuole, esercizi pubblici, comunità, industrie ed industrie alimentari, nonché in ambienti rurali.

PIRETRO SAFE EC Insecticide in concentrate form / 1 liter

Concentrated insecticide based on Piretro natural extract, odorless, non-flammable, fast-acting knockdown and insect-repellent effect. Water based.

Suitable for general disinfestation against flies, mosquitoes, cockroaches and all domestic insects in homes, hospitals, clinics, schools, public facilities, communities, industries and food industries, as well as in rural settings.



EC400502 PERTRIN S concentrato - Confezione da 1 litro



Insetticida concentrato a base di permetrina e tetrametrina inodore, ininfiammabile, dotato di azione abbattente e residuale. Su base acquosa.

Efficace contro tutti gli insetti volanti e striscianti degli ambienti: domestico, civile ed industriale (escluso le industrie alimentari).

PERTRIN S Insecticide in concentrate form / 1 liter

Concentrated insecticide based on permethrin and tetramethrin, odorless, non-flammable, with a knockdown and residual effect. Water based.

It is effective against a wide variety of flying and crawling insects for residential and industrial premises (excluded food industries).



EC400512 ANTICALCARE - Confezione da 1 litro



Detergente disincrostante a base di acido fosforico. La sua formula lo rende particolarmente indicato per la pulizia di ugelli e la rimozione del calcare.

SCALE REMOVER detergent / 1 liter

Limescale remover with phosphoric acid. Its properties made it an excellent solution for nozzle cleaning, it removes limestone from nozzle hole and parts.



\* (Import of insecticides and chemicals may be restricted in some countries)

## STANDARD FILTERS KIT and ACCESSORIES

## KIT FILTRAZIONE STANDARD e ACCESSORI



Kit filtro ECONOMY con accessori - 1x 5" 1/2 - 5 micron IN 3/4F - OUT 10 mm  
1x 5"x1/2 Filter ECONOMY KIT - 5 micron - IN 3/4F - OUT 10mm

Cod.  
**EC500006**



Kit gruppo filtri con accessori e manometro 2x 9" 1/2  
5+1 micron IN 3/4F - OUT 10 mm

2x 9"x1/2 Filters KIT with pressure gauge  
5+1 micron - IN 3/4F - OUT 10mm

Cod.  
**EC500005**



Kit gruppo filtri con accessori e manometro 2x 20" 3/4  
5+1 micron IN 3/4F - OUT 3/4F

2x 20"x3/4 Filters KIT with pressure gauge  
5+1 micron - IN 3/4F - OUT 3/4F

Cod.  
**TC520020** up to 21 lpm

**TC520021** up to 43 lpm

- Tutti i filtri a bassa pressione sono dotati di cartucce PP a norme FDA e DM 174/2004
- Temperatura min/max di esercizio: 0°C / 60°C

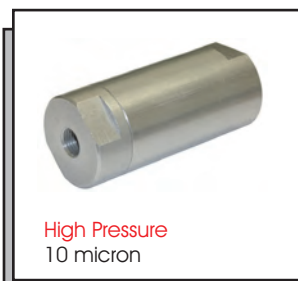
- All low pressure filters are equipped with FDA approved PP cartridges
- Min/Max operating temperature: 0°C / 60°C



**EC400035** Tubo R6 3/4" 3/4" FF RACC. INOX  
1,5m - 21 bar - racc. AISI316  
Low pressure flexible Hose 21 bar  
R6 3/4" FF S.Steel 316 1.5 m



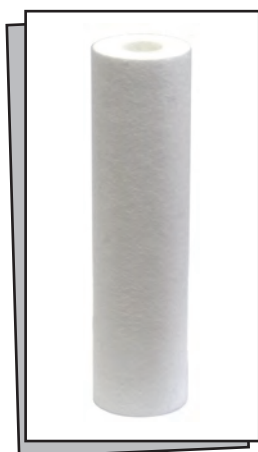
**TC520019** Chiave serraggio  
cartucce filtri 9"-20"  
9"-20" Filter  
container Locking Tool



**EC500009** Sistema filtrante alta pressione  
1/4" x 1/4" - 10 micron  
Alluminio / Lavabile  
High pressure Aluminum filter  
1/4"FF - 10 micron - Cleanable

## SPARE PARTS and ACCESSORIES for FILTERS KIT

## RICAMBI e ACCESSORI per KIT FILTRAZIONE



20"

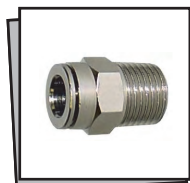
- EC509101** Cartuccia filtro 1 micron 20"  
20" Filter cartridge 1 micron
- EC509105** Cartuccia filtro 5 micron 20"  
20" Filter cartridge 5 micron
- EC509110** Cartuccia filtro 10 micron 20"  
20" Filter cartridge 10 micron

9"3/4

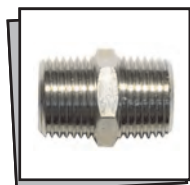
- EC509001** Cartuccia filtro 1 micron 9"  
9" Filter cartridge 1 micron
- EC509005** Cartuccia filtro 5 micron 9"  
9" Filter cartridge 5 micron
- EC509010** Cartuccia filtro 10 micron 9"  
9" Filter cartridge 10 micron

5"

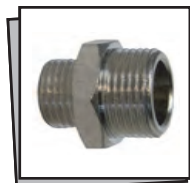
- EC509006** Cartuccia filtro 5 micron 5"  
5" Filter cartridge 5 micron



- | Cod.            | Description                                                                |
|-----------------|----------------------------------------------------------------------------|
| <b>EC508002</b> | Raccordo diritto 1/2"M-10 ottone<br>Push-in brass connection<br>1/2"Mx10mm |



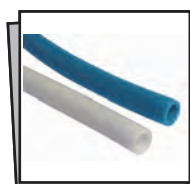
- |                 |                                               |
|-----------------|-----------------------------------------------|
| <b>EC508001</b> | Nipplo 1/2 MM ottone<br>1/2"MM brass coupling |
|-----------------|-----------------------------------------------|



- |                 |                                                            |
|-----------------|------------------------------------------------------------|
| <b>EC508007</b> | Riduzione 1/2"M-3/4"M ottone<br>1/2"M 3/4"M brass coupling |
|-----------------|------------------------------------------------------------|



- |                 |                                                                  |
|-----------------|------------------------------------------------------------------|
| <b>EC508008</b> | Tubo di carico 3/4"FF 200 cm.<br>Inlet water hose 3/4"FF 200 cm. |
|-----------------|------------------------------------------------------------------|



- |                 |                                                                                  |
|-----------------|----------------------------------------------------------------------------------|
| <b>EC508006</b> | Tubo di raccordo alla pompa<br>10x8 plastico 150 cm.<br>10x8 plastic hose 150 cm |
|-----------------|----------------------------------------------------------------------------------|



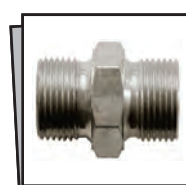
- |                 |                                                                          |
|-----------------|--------------------------------------------------------------------------|
| <b>EC508009</b> | Dispositivo anticalcare<br>magnetico 1/2" MF<br>Anti-calc device 1/2" MF |
|-----------------|--------------------------------------------------------------------------|



- | Cod.            | Description                                       |
|-----------------|---------------------------------------------------|
| <b>EC909091</b> | Staffa per 2 filtri<br>Double filter wall-bracket |
| <b>EC909092</b> | Staffa per 1 filtro<br>Single filter wall-bracket |



- |                 |                                                           |
|-----------------|-----------------------------------------------------------|
| <b>EC509091</b> | Contenitore per filtro 5"<br>5" Cartridge container       |
| <b>EC509090</b> | Contenitore per filtro 9"3/4<br>Cartridge container 9"3/4 |
| <b>EC509093</b> | Contenitore per filtro 20"<br>20" Cartridge container     |



- |                 |                                                |
|-----------------|------------------------------------------------|
| <b>TC508013</b> | Nipplo 3/4" MM ottone<br>3/4"MM brass coupling |
|-----------------|------------------------------------------------|



- |                 |                                                          |
|-----------------|----------------------------------------------------------|
| <b>EC508010</b> | Manometro 0-12 BAR 1/8" post.<br>Pressure gauge 0-12 BAR |
|-----------------|----------------------------------------------------------|



- |                 |                                                  |
|-----------------|--------------------------------------------------|
| <b>EC508011</b> | Prolunga 1/8" MF ottone<br>1/8"MF brass coupling |
|-----------------|--------------------------------------------------|

## ANTIBACTERIAL FILTERS KIT and ACCESSORIES

### GRUPPO FILTRANTE ANTIBATTERICO e ACCESSORI



**EC509002** Filtro ANTIBATTERICO  
0.005 micron 1/2" MM  
Antibacterial filter  
0.005 micron 1/2" MM



**EC508012** Manicotto ottone  
1/2" FF  
Brass adapter 1/2" FF

#### FILTRO ANTIBATTERICO 0.005 MICRON

Questa cartuccia ultrafiltrante assicura una protezione completa contro batteri, virus ed endotossine contenute nell'acqua, impedendo il contrarre malattie come Legionella e Salmonella.

Grazie alla ultrafiltrazione delle fibre a membrana cava sviluppate per applicazioni mediche, impedisce a qualsiasi sostanza con peso molecolare superiore ai 15K daltons di penetrare attraverso le membrane. Batteri, virus ed endotossine non riescono ad oltrepassare questa barriera grazie a due meccanismi: uno basato sulla funzione di setaccio dei pori (grazie alla configurazione spugnosa) ed uno basato sulla capacità di assorbimento propria delle membrane.

Nota: è obbligatoria la prefiltrazione a 1 micron.

#### ANTIBACTERIAL 0.005 MICRON FILTER CARTRIDGE

This ultrafilter ensure a complete protection against bacteria, virus and endotoxins in the water, avoiding the contraction of diseases like Legionella and Salmonella.

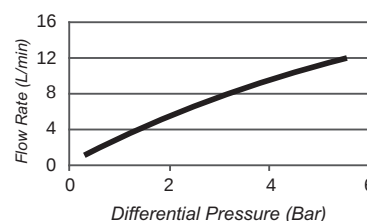
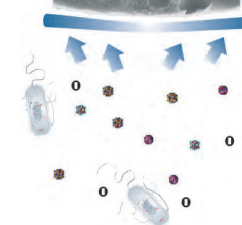
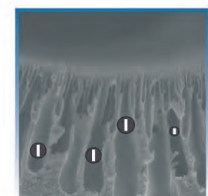
Thanks to the hollow fiber ultrafiltration membrane developed for medical applications, it prevents all substances with a molecular weight higher than 15K daltons crossing over the membrane. Bacteria, viruses and endotoxins cannot pass the membrane barrier due to two mechanisms: one based on the sieving of the pores thanks to the sponge-like configuration and one on the adsorption capability of the membrane itself.

Note: 1 microns prefiltration is mandatory.

Struttura fibre cave  
Hollow fiber structure



Sezione fibra cava  
Hollow fiber section



Antibacterial Filter KIT  
9" - 0.005 + 1 + 5 micron



Kit gruppo filtri ANTIBATTERICO con accessori e manometro  
2x 9" 1/2 cartucce 5+1+0.005 micron IN 3/4F - OUT 10 mm

2x 9"x1/2 ANTIBACTERIAL Filters KIT with accessories and pressure gauge 5+1+0.005 micron cartridges IN 3/4F - OUT 10mm

Cod.  
**EC500008**

|                               |        |
|-------------------------------|--------|
| Batteri/Bacteria (P.Diminuta) | 10 Log |
| Virus (PhiX-174)              | 8 Log  |
| Endotossine/Endotoxins        | 5 Log  |

Retention capacity - Riduzione Log

#### 100% A PROVA DI LEGIONELLA

- Protezione completa contro batteri, virus, endotossine
- Testato clinicamente dal Dipartimento di Igiene Universitario
- Garantisce protezione durevole anche con portate elevate
- Facile installazione
- Protezione totale: filtrazione a 0.005 micron

#### 100% LEGIONELLA-PROOF

- Whole protection against bacteriae, virus, endotoxins in the water
- Clinically tested by Hygiene Department of Italian University
- Guarantees long-lasting protection also with high flows
- Easy set-up
- Total protection: filtration 0.005 micron

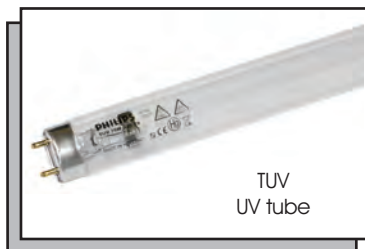
## U.V. STERILIZERS

## STERILIZZATORI AD ULTRAVIOLETTI (U.V.)



## Sterilizzatori UV in acciaio inox - UV Stainless Steel sterilizers

| Cod.            | Item No. | Description                                                                                                         |
|-----------------|----------|---------------------------------------------------------------------------------------------------------------------|
| <b>TC509101</b> | UVS-6L   | Sterilizzatore UV 6 l/min 16W acciaio inox<br>UV sterilizer 6 l/min 16W S.Steel<br>1/4 MM - 230V - d. 64 x 340 mm   |
| <b>TC509102</b> | UVS-19L  | Sterilizzatore UV 19 l/min 25W acciaio inox<br>UV sterilizer 19 l/min 25W S.Steel<br>1/2 MM - 230V - d. 64 x 520 mm |
| <b>TC509103</b> | UVS-25L  | Sterilizzatore UV 25 l/min 30W acciaio inox<br>UV sterilizer 25 l/min 30W S.Steel<br>3/4 MM - 230V - d. 64 x 970 mm |
| <b>TC509104</b> | UVS-38L  | Sterilizzatore UV 38 l/min 55W acciaio inox<br>UV sterilizer 38 l/min 55W S.Steel<br>3/4 MM - 230V - d. 64 x 970 mm |



## Lampade germicide TUV o equivalenti per sterilizzatori UVS - Germicidal Tube TUV (or equivalent) for UVS sterilizers

| Cod.            | Item No. | Description                                                                  |
|-----------------|----------|------------------------------------------------------------------------------|
| <b>TC509151</b> | TUV-16W  | Lampada TUV 15/16W o equivalente<br>Germicidal Tube TUV 15/16W or equivalent |
| <b>TC509152</b> | TUV-25W  | Lampada TUV 25W o equivalente<br>Germicidal Tube TUV 25W or equivalent       |
| <b>TC509153</b> | TUV-30W  | Lampada TUV 30W o equivalente<br>Germicidal Tube TUV 30W or equivalent       |
| <b>TC509154</b> | TUV-55W  | Lampada TUV 55W o equivalente<br>Germicidal Tube TUV 55W or equivalent       |

## CARATTERISTICHE TECNICHE

**IT** - Impianti di sterilizzazione a raggi ultravioletti della serie UVS costruiti con corpo in acciaio inox dotati di sistema di allarme visivo esaurimento/malfunzionamento lampada. Le lampade germicide ad ultravioletti serie TUV, sono impiegate negli sterilizzatori per la disinfezione professionale dell'acqua. Queste lampade offrono una emissione UV costante nell'arco della loro vita, garantendo la massima sicurezza nella disinfezione ed una elevata efficacia del sistema. La lunga durata permette di pianificare in anticipo la manutenzione.

- pressione massima di esercizio: 6 bar
- durata funzionamento lampade: 8000 h
- dosaggio radiazione ultravioletta: 30.000 W/cm<sup>2</sup>

## TECHNICAL FEATURES

**EN** - UVS series U.V. (Ultra Violet) sterilizers with S.Stainless steel container with built-in malfunction and low UV lamp alarm. TUV lamps are UVC (germicidal) lamps used in professional water disinfection units. TUV lamps offer constant UV output over their complete lifetime, for maximum security of disinfection and high system efficacy. Moreover, they have a long and reliable lifetime, which allows maintenance to be planned for in advance.

- max. operating pressure: 6 bar - 87 psi
- TUV lamps lifetime: 8000 h
- ultraviolet radiation: 30.000 W/cm<sup>2</sup>

## CONTROL DEVICES STRUMENTI DI CONTROLLO



IT-PRO-M

### Igrostato digitale - Presa femmina + cavo spina Schuko 2 m. - Sonda professionale

Humidity regulator - Schuko Female socket with el. cable 2 m. lenght - Professional transducer

| Cod.     | Item No.  | Working Range       | V-Hz      | A | kW  |
|----------|-----------|---------------------|-----------|---|-----|
| TC100001 | #IT-PRO-M | from 0 to 95 % r.H. | 230-50/60 | 8 | 1,5 |

**EN** - IT-PRO series humidity regulators are designed to control misting pumps and other equipment (single-phase or three-phase). It is possible to adjust the desired humidity level by means of a digital display. The step of adjustment is 0,1 or 1%RH. Regulator is available in wall-mount plastic box. Regulator contains a microprocessor based control circuitry and an external humidity sensor in a protection cover. Computerized design ensures maximum long term stability and temperature compensation of the humidity sensor. State-of-the-art digital sensor ensures excellent calibration, long term stability, inertia against water and condensation.



IT-PRO-T

### Igrostato digitale - Presa femmina trifase + cavo el. 2 m. - Sonda professionale

Humidity regulator - 3PH female socket + Electric cable 2 m. lenght - Professional transducer

| Cod.     | Item No.  | Working Range       | V-Hz      | A  | kW  |
|----------|-----------|---------------------|-----------|----|-----|
| TC100008 | #IT-PRO-T | from 0 to 95 % r.H. | 400-50/60 | 13 | 5,7 |

**IT** - Gli igrostatì digitali serie IT-PRO consentono il controllo dei moduli pompa e di altri apparecchi, con alimentazione monofase o trifase. E' possibile impostare il livello di umidità desiderato mediante un display digitale. Consente di intervenire con step di regolazione di 0,1 o 1%RH. L'igrostatò è predisposto per il fissaggio a parete. La componentistica è basata su un controllo a microprocessore ed una sonda esterna professionale ad alta sensibilità. L'elettronica digitale assicura la massima stabilità nel tempo e la compensazione di temperatura del sensore di umidità. Il sensore digitale ad alta precisione assicura un'eccellente calibrazione, stabilità e resistenza in presenza di acqua e condensa.



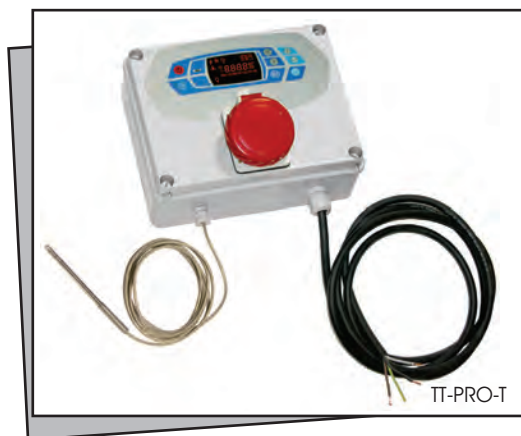
TT-PRO-M

### Termostato digitale - Presa femmina + cavo spina Schuko 2 m. - Sonda professionale PT100

Thermostat - Schuko Female socket with el. cable 2 m. lenght - PT100 professional transducer

| Cod.     | Item No.  | Working Range           | V-Hz      | A | kW  |
|----------|-----------|-------------------------|-----------|---|-----|
| TC100002 | #TT-PRO-M | -50+200 °C / -58+392 °F | 230-50/60 | 8 | 1,5 |

**EN** - TT-PRO series thermostats are designed to control misting pumps and other equipment (single-phase or three-phase). It is possible to adjust the desired temperature level by means of a digital display. The step of adjustment is 0,1 or 1% °C or °F. Regulator is available in wall-mount plastic box. Regulator contains a microprocessor based control circuitry and an external temperature probe. Computerized design and state-of-the-art high quality probe ensure excellent calibration and long term stability.



TT-PRO-T

### Termostato digitale - Presa femmina trifase + cavo el. 2 m. - Sonda professionale PT100

Thermostat - 3PH female socket + Electric cable 2 m. lenght - PT 100 professional transducer

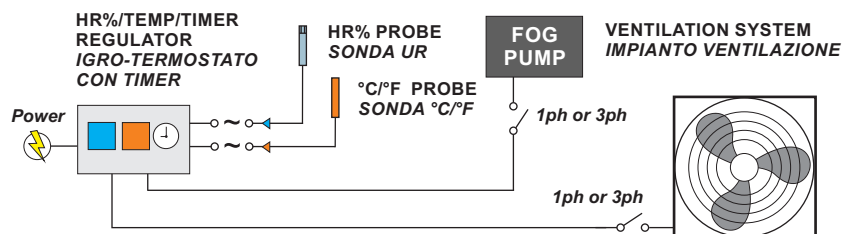
| Cod.     | Item No.  | Working Range           | V-Hz      | A  | kW  |
|----------|-----------|-------------------------|-----------|----|-----|
| TC100009 | #TT-PRO-T | -50+200 °C / -58+392 °F | 400-50/60 | 13 | 5,7 |

**IT** - I termostati digitali serie TT-PRO consentono il controllo dei moduli pompa e di altri apparecchi, con alimentazione monofase o trifase. E' possibile impostare il livello di temperatura desiderata mediante un display digitale. Consente di intervenire con step di regolazione di 0,1 o 1% °C o °F. Il termostato è predisposto per il fissaggio a parete. La componentistica è basata su un controllo a microprocessore ed una sonda esterna professionale ad alta sensibilità. L'elettronica digitale e la sonda ad alta precisione assicurano un'eccellente calibrazione, stabilità e resistenza nel tempo.

## CONTROL DEVICES STRUMENTI DI CONTROLLO



EC100021 Schema esemplificativo installazione - Mounting layout example



Centralina di controllo per pompa e ventilatori - Funzioni crono Giornaliero e Settimanale  
Igrostato e Termostato digitali integrati (Le sonde di umidità e di temperatura non sono incluse)  
Pump and ventilation control board - Daily and weekly timer

Built-in digital Hygrostat and Thermostat (Humidity and Temperature transducers not included)

| Cod.      | Item No.   | Working Range                             | V-Hz                               | A - kW                |
|-----------|------------|-------------------------------------------|------------------------------------|-----------------------|
| EC100021  | #TTS.PRO.X | from 0 to 100 % r.H.<br>from -50 to 200 C | 230-50/60 (1ph)<br>400-50/60 (3ph) | 14 - 2.2<br>17 - 7.5  |
| EC100021Y | #TTS.PRO.U | from 0 to 100 % r.H.<br>from -50 to 200 C | 120-50/60 (1ph)<br>208-50/60 (3ph) | 15 - 1.1<br>15 - 3.75 |

### • MODBUS-RS485: optional

ITTS-PRO series controllers integrate pump and fans controllers plus daily and weekly timer with humidity and temperature regulators. ITTS-PRO controllers are designed to control high pressure pumps (single-phase or three-phase). A secondary output can control ventilation system (single-phase or three-phase). The daily timer is able to switch on/off pump+fans at a chosen hour of the day, while the weekly timer let you choose in which days the daily timer must be activated. The controller accepts input signals from humidity and temperature transducers. It is possible to adjust the desired humidity level or temperature on the digital display. The step of adjustment is 0,1 or 1%RH and °C/°F.

ITTS-PRO è un controller che integra funzioni di igrostat e termostato, inoltre dispone di un timer giornaliero e settimanale. Gestisce l'alimentazione di due sistemi indipendentemente (monofase o trifase), ad esempio una pompa ed un sistema di ventilazione. La regolazione dell'umidità e temperatura desiderati sono effettuati tramite display digitale con risoluzione 0,1 o 1 RH% e °C/°F. Il timer giornaliero è in grado di accendere/spegnere pompa e/o ventilatori ad una determinata ora del giorno, mentre il timer settimanale vi permette di impostare in quali giorni l'impianto deve essere attivato.

### CARATTERISTICHE TECNICHE

- Igrostat a 2 punti di intervento, range programmabile
- Termostato a 2 punti di intervento, range programmabile
- Crono giornaliero (9 programmazioni)
- Crono settimanale
- 2 output indipendenti (pompa/ventilatori)
- 2 ingressi segnale indipendenti (temperatura/umidità)
- Alimentazione e output indipendenti mono o trifase

### TECNICAL FEATURES

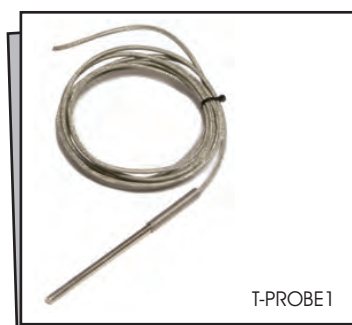
- Hygrostat with two setpoints, adjustable range
- Thermostat with two setpoints, adjustable range
- Daily scheduler (9 programs)
- Weekly scheduler
- Two independent outputs (pump/fans)
- Two independent signal inputs (temperature/humidity)
- Power supply and outputs can be wired 1ph or 3ph



APP Wi-Fi per versioni Modbus  
Wi-Fi APP on Modbus versions

Applicazioni  
Applications

Serre  
Allevamenti  
Cantine vinicole  
Industria alimentare  
Umidificazione industriale  
Greenhouses  
Livestock  
Wineries  
Food industry  
Industrial humidification



Sonda di temperatura professionale PT-100  
Professional Temperature probe PT-100

| Cod.     | Item No.  | Working Range      |
|----------|-----------|--------------------|
| TC100032 | #T-PROBE1 | from -50 to 200 °C |
| Wires    |           | 3                  |



Sonda di umidità UR professionale 4-20mA  
Professional Humidity probe UR 4-20mA

| Cod.     | Item No.   | Working Range       |
|----------|------------|---------------------|
| TC100033 | #HR-PROBE2 | from 0 to 95 % r.H. |
| Signal   | Wires      |                     |
| 4-20 mA  | 2          |                     |

## CONTROL DEVICES

### STRUMENTI DI CONTROLLO



T2.EXT-230

Timer digitale 230V 50Hz esterno presa Schuko con cavo 2,3 m + spina.  
 Programmazione ciclica con tempi ON/OFF indipendenti da 1 secondo a 99 minuti.  
 Programmazione giornaliera e settimanale, con funzione week-end (max. 9 programmi).  
 External digital timer 230V 50Hz Schuko plug+pin with 2.3 m el. cable.  
 Independent ON/OFF cycles programming from 1 second up to 99 minutes.  
 Daily and weekly programming, with week-end option (max 9 programs).

| Cod.      | Item No.    | Working Range    | V-Hz   | A  | kW  |
|-----------|-------------|------------------|--------|----|-----|
| TC100003  | #T2.EXT-230 | 1 sec. - 99 min. | 230-50 | 12 | 2.2 |
| TC100003Y | #T2.EXT-120 | 1 sec. - 99 min. | 120-60 | 13 |     |



T2.EXT-400

Timer digitale 400V 50Hz esterno presa trifase con cavo 2,3 m.  
 Programmazione ciclica con tempi ON/OFF indipendenti da 1 secondo a 99 minuti.  
 Programmazione giornaliera e settimanale, con funzione week-end (max. 9 programmi).  
 External digital timer 400V 50Hz 3PH socket with 2.3 m el. cable.  
 Independent ON/OFF cycles programming from 1 second up to 99 minutes.  
 Daily and weekly programming, with week-end option (max 9 programs).

| Cod.     | Item No.    | Working Range    | V-Hz   | A  | kW  |
|----------|-------------|------------------|--------|----|-----|
| TC100004 | #T2.EXT-400 | 1 sec. - 99 min. | 400-50 | 13 | 5.7 |
| TC100005 | #T2.EXT-410 | 1 sec. - 99 min. | 400-50 | 17 | 7.5 |



T.EXT

Timer digitale 230V 50Hz esterno presa Schuko con cavo 2,3 m + spina.  
 Programmazione ciclica con tempi ON/OFF indipendenti da 1 a 99 minuti.  
 External digital timer 230V 50Hz Schuko plug+pin with 2.3 m el. cable.  
 Independent ON/OFF cycles programming from 1 up to 99 minutes.

| Cod.     | Item No. | Working Range | V-Hz   | A  | kW  |
|----------|----------|---------------|--------|----|-----|
| EC100003 | #T.EXT   | 1 - 99 min.   | 230-50 | 12 | 2.2 |



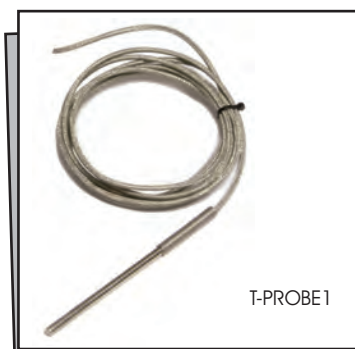
KIT-DRAIN

Kit BOX elettrovalvole NC+NA per sistema umidificazione - In-Out raccordo push-lock 3/8" (9.52mm)  
 Consente lo scarico di una linea in automatico tramite il controllo di un igrostatato o comando remoto.  
 Automatic drain solenoid valves KIT (NO + NC) - Inlet-Outlet 3/8" (9.52mm) push-lock fitting.  
 It allows to automatically drain a pipeline by means of an humidity controller or a remote switch.

| Cod.      | Item No.    |            | V-Hz      | A    | Flow (lpm) |
|-----------|-------------|------------|-----------|------|------------|
| EC309031  | #KIT.DRAIN1 | 80NC+60NO  | 230-50/60 | 0.2  | 4          |
| EC309031Y | #KIT.DRAIN2 | 80NC+60NO  | 115-60    | 0.2  | 4          |
| EC309031Z | #KIT.DRAIN3 | 80NC+60NO  | 24V AC    | 1.84 | 4          |
| EC309032  | #KIT.DRAIN4 | 100NC+60NO | 230-50/60 | 0.2  | 21         |
| EC309032Y | #KIT.DRAIN5 | 100NC+60NO | 115-60    | 0.2  | 21         |
| EC309032Z | #KIT.DRAIN6 | 100NC+60NO | 24V AC    | 1.84 | 21         |

## CONTROL DEVICES

### STRUMENTI DI CONTROLLO



#### Sonda di temperatura professionale PT-100 - IP44

Professional Temperature probe PT-100 - IP44

| Cod.     | Item No.  | Working Range      | Wires |
|----------|-----------|--------------------|-------|
| TC100032 | #T-PROBE1 | from -50 to 200 °C | 3     |

IP44



#### Sonda di umidità UR professionale 4-20mA - IP65

Professional Humidity transmitter RH 4-20 mA - IP65

| Cod.     | Item No.   | Working Range       | Signal  | Wires |
|----------|------------|---------------------|---------|-------|
| TC100033 | #RH-PROBE2 | from 0 to 95 % r.H. | 4-20 mA | 2     |

IP65



#### Sonda di Umidità HT professionale 4-20mA -IP 65 - CELLE FRIGO

Professional Humidity transmitter HT 4-20 mA - IP65 - COLD ROOMS

| Cod.     | Item No.   | Working Range        | Signal  | Wires |
|----------|------------|----------------------|---------|-------|
| TC100034 | #HT-PROBE3 | from 0 to 100 % r.H. | 4-20 mA | 2     |

IP65 PRO - COLD ROOMS



#### Sonda di Umidità HT professionale 4-20mA -IP 65 - HVAC/CANALI

Professional Humidity transmitter HT 4-20 mA - IP65 - HVAC/DUCTS

| Cod.     | Item No.   | Working Range        | Signal  | Wires |
|----------|------------|----------------------|---------|-------|
| TC100036 | #HT-PROBE4 | from 10 to 95 % r.H. | 4-20 mA | 2     |

IP65 PRO - HVAC/DUCT MOUNT

## DOSING PUMPS and Accessories

### POMPE DOSATRICI e ACCESSORI

Pompe dosatrici a bassa portata destinate alla pre-miscelazione di additivi idrosolubili nel sistema pompante.

Low-volume pumps with controllable discharge rates, used to inject additives into pumping systems.



Pro

**PRO** - Pompa dosatrice elettronica professionale con contaltri lanciaimpulsi. Le pompe dosatrici serie PRO sono in grado di effettuare dosaggi proporzionalmente variabili al variare degli impulsi in ingresso oppure con programmazione temporizzata.

**PRO** - Electronic metering pump with threaded pulse water meter. PRO series metering pumps accept dry contact inputs and dose proportionally to the input pulse frequency or with timer programming.

| V-Hz            | Stroke/min    | Connections in/out |
|-----------------|---------------|--------------------|
| 100-240 - 50/60 | 160           | 4/6 (mm)           |
| Back pressure   | Flow rate l/h | Cm3/Stroke         |
| 10              | 5             | 0,52               |
| 8               | 6             | 0,63               |
| 2               | 8             | 0,83               |

Cod.

**EC100004**



Premium

**PREMIUM** - Semplice e affidabile pompa dosatrice elettromagnetica basata su microprocessore. Regolazione manuale della portata da 0 (pompa ferma) al 100% della portata massima. IP65.

**PREMIUM** - A simple yet reliable micro-processor based solenoid dosing pump.

Flow rate manual adjustment from 0 (operation stop) to 100% of max. flow rate (cm3/Stroke). IP65.

| V-Hz            | Stroke/min                | Connections in/out |
|-----------------|---------------------------|--------------------|
| 100-240 - 50/60 | 100 (7 bar) - 160 (5 bar) | 4/6 (mm)           |
| Cod.            | Back pressure - Flow rate |                    |
| <b>EC100005</b> | 7 bar 2 l/h               |                    |
| <b>EC100010</b> | 5 bar 5 l/h               |                    |



Sanitizing

**PREMIUM KIT SANIFICAZIONE** - Semplice e affidabile pompa dosatrice elettromagnetica basata su microprocessore. Regolazione manuale della portata da 0 (pompa ferma) al 100% della portata massima. IP65. Con Timer programmato per ciclo di sanificazione.

**PREMIUM SANITIZING KIT** - A simple yet reliable micro-processor based solenoid dosing pump. Flow rate manual adjustment from 0 (operation stop) to 100% of max. flow rate (cm3/Stroke). IP65. Complete with Timer programmed for sanitizing cycle.

| V-Hz            | Stroke/min                | Connections in/out |
|-----------------|---------------------------|--------------------|
| 100-240 - 50/60 | 100                       | 4/6 (mm)           |
| Cod.            | Back pressure - Flow rate |                    |
| <b>TC100011</b> | 5 bar 5 l/h               |                    |



Easy

**EASY** - Semplice e affidabile pompa dosatrice peristaltica. Portata fissa regolabile ad intervalli per mezzo del timer ciclico programmabile in dotazione. IP65.

**EASY** - A simple yet reliable peristaltic dosing pump. Fixed flow rate adjustable by the included programmable digital timer. IP65.

| V-Hz            | Stroke/min    | Connections in/out |
|-----------------|---------------|--------------------|
| 230 - 50/60     | Timer         | 2                  |
| Pressure        | Flow rate l/h | Cm3/Stroke         |
| 0.1 bar         | 1.5           | Continuous         |
| Cod.            |               |                    |
| <b>EC100006</b> |               |                    |

## SOLENOID VALVES

### ELETTROVALVOLE

IP65

- IP-65 (norme EN60529) con connettore DIN-43650 correttamente montato
- IP-65 (standard EN60529) when properly connected with DIN-43650 plug.

EC309006

#### C4 Solenoid valve Plug

Connettore per bobina  
elettrovalvola tipo C4

Solenoid coil plug

C4 version

DIN43650



(60/80/100 bar)

Q.ty - Q.tà: 1

EC309015

#### 60 bar/870 psi NO

Elettrovalvola NA  
NO solenoid valve

in F1/4" out F1/4"  
60 bar - 870 psi  
230V 50/60Hz



Q.ty - Q.tà: 1

EC309007

#### 80 bar/1160 psi NC

Elettrovalvola NC  
NC solenoid valve

in F1/4" out F1/4"  
80 bar - 1160 psi  
230V 50/60Hz



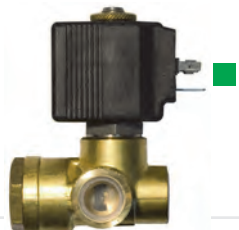
Q.ty - Q.tà: 1

EC309005

#### 100 bar/1500 psi NC

Elettrovalvola NC  
NC solenoid valve

in F3/8" out F3/8"  
100 bar - 1500 psi  
230V 50/60Hz



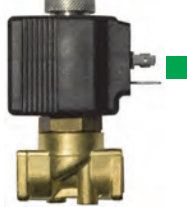
Q.ty - Q.tà: 1

EC309023

#### 60 bar/870 psi NO

Elettrovalvola NA  
NO solenoid valve

in F1/4" out F1/4"  
60 bar - 870 psi  
24V AC



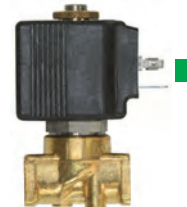
Q.ty - Q.tà: 1

EC309022

#### 80 bar/1160 psi NC

Elettrovalvola NC  
NC solenoid valve

in F1/4" out F1/4"  
80 bar - 1160 psi  
24V AC



Q.ty - Q.tà: 1

EC309021

#### 100 bar/1500 psi NC

Elettrovalvola NC  
NC solenoid valve

in F3/8" out F3/8"  
100 bar - 1500 psi  
24V AC



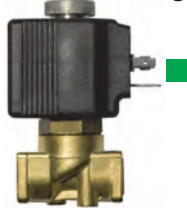
Q.ty - Q.tà: 1

TC309024

#### 60 bar/870 psi NO

Elettrovalvola NA  
NO solenoid valve

in F1/4" out F1/4"  
60 bar - 870 psi  
110V 60Hz



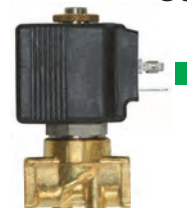
Q.ty - Q.tà: 1

TC309025

#### 80 bar/1160 psi NC

Elettrovalvola NC  
NC solenoid valve

in F1/4" out F1/4"  
80 bar - 1160 psi  
110V 60Hz



Q.ty - Q.tà: 1

TC309026

#### 100 bar/1500 psi NC

Elettrovalvola NC  
NC solenoid valve

in F3/8" out F3/8"  
100 bar - 1500 psi  
110V 60Hz



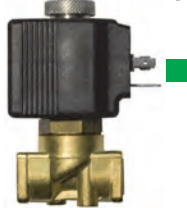
Q.ty - Q.tà: 1

TC309028

#### 60 bar/870 psi NO

Elettrovalvola NA  
NO solenoid valve

in F1/4" out F1/4"  
60 bar - 870 psi  
400V 50Hz



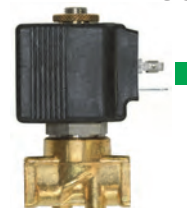
Q.ty - Q.tà: 1

TC309029

#### 80 bar/1160 psi NC

Elettrovalvola NC  
NC solenoid valve

in F1/4" out F1/4"  
80 bar - 1160 psi  
400V 50Hz



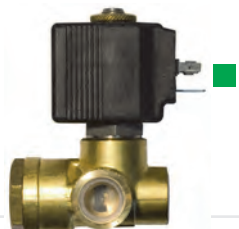
Q.ty - Q.tà: 1

TC309030

#### 100 bar/1500 psi NC

Elettrovalvola NC  
NC solenoid valve

in F3/8" out F3/8"  
100 bar - 1500 psi  
400V 50Hz



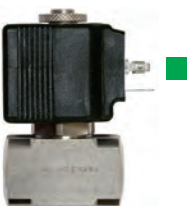
Q.ty - Q.tà: 1

TC309070

#### 80 bar/1160 psi NC

Elettrovalvola NC  
NC solenoid valve

in F1/4" out F1/4"  
80 bar - 1160 psi  
24V DC  
S.Steel/INOX



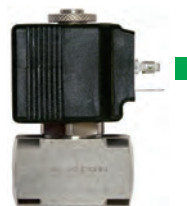
Q.ty - Q.tà: 1

TC309071

#### 9 bar/130 psi NC

Elettrovalvola NC  
NC solenoid valve

in F1/4" out F1/4"  
9 bar - 130 psi  
24V DC  
S.Steel/INOX



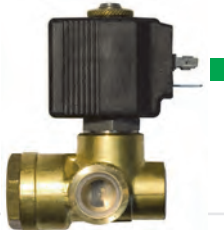
Q.ty - Q.tà: 1

## SOLENOID VALVES ELETTROVALVOLE

IP65

- IP-65 (norme EN60529) con connettore DIN-43650 correttamente montato
- IP-65 (standard EN60529) when properly connected with DIN-43650 plug.

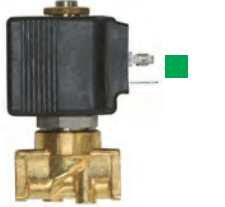
**TC309037**  
**100 bar/1500 psi NC**  
Elettrovalvola NC  
NC solenoid valve



in F3/8" out F3/8"  
100 bar - 1500 psi  
230V 50/60Hz  
24V DC

Q.ty - Q.tà: 1

**EC309024**  
**80 bar/1160 psi NC**  
Elettrovalvola NC  
NC solenoid valve



in F1/4" out F1/4"  
80 bar - 1160 psi  
24V DC

Q.ty - Q.tà: 1

**TC309072**  
**60 bar/870 psi NO**  
Elettrovalvola NA  
NO solenoid valve



in F1/4" out F1/4"  
60 bar - 870 psi  
24V DC

Q.ty - Q.tà: 1

**4202004001**  
**C4 Solenoid COIL**  
Bobina EV tipo C4  
C4 solenoid coil



230V 50/60Hz

Q.ty - Q.tà: 1

**3303030001**  
**C4 Coil connector**  
Connettore bobina tipo C4  
C4 Solenoid coil connector



DIN43650  
con cavo 1 m  
with 1 m cable

Q.ty - Q.tà: 1

**TC309031**  
**10 bar/145 psi NC / Breezy**  
Elettrovalvola NC  
NC solenoid valve



in F3/8" out F3/8"  
10 bar - 145 psi  
230V 50/60Hz  
Breezy (optional)

Q.ty - Q.tà: 1

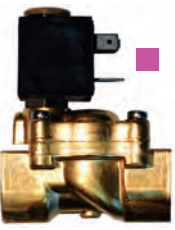
**EC309002**  
**C1 Solenoid valve Plug**  
Connettore per bobina  
elettrovalvola tipo C1  
Solenoid coil plug  
C1 version  
DIN43650



(13/16/18 bar)

Q.ty - Q.tà: 1

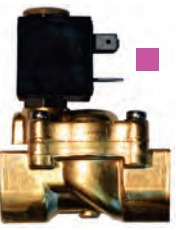
**EC309001**  
**18 bar/260 psi NC**  
Elettrovalvola NC  
NC solenoid valve



in F3/8" out F3/8"  
18 bar - 260 psi  
230V 50/60Hz  
Premium/Arctic

Q.ty - Q.tà: 1

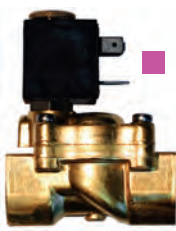
**TC309027**  
**18 bar/260 psi NC**  
Elettrovalvola NC  
NC solenoid valve



in F3/8" out F3/8"  
18 bar - 260 psi  
110V 60Hz

Q.ty - Q.tà: 1

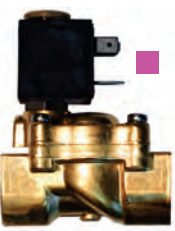
**TC309023**  
**16 bar/230 psi NC**  
Elettrovalvola NC  
NC solenoid valve



in F3/4" out F3/4"  
16 bar - 230 psi  
230V 50/60Hz  
NT-Fog 27/35/43

Q.ty - Q.tà: 1

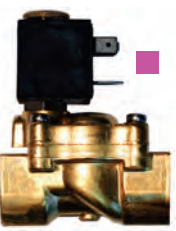
**TC309022**  
**18 bar/260 psi NC**  
Elettrovalvola NC  
NC solenoid valve



in F1/2" out F1/2"  
18 bar - 260 psi  
230V 50/60Hz  
NT-Fog 15/18/21

Q.ty - Q.tà: 1

**TC309036**  
**13 bar/190 psi NC**  
Elettrovalvola NC  
NC solenoid valve



in F3/4" out F3/4"  
13 bar - 190 psi  
24V DC

Q.ty - Q.tà: 1

**TC309038**  
**16 bar/230 psi NC**  
Elettrovalvola NC  
NC solenoid valve



in F1/2" out F1/2"  
18 bar - 260 psi  
24V DC

Q.ty - Q.tà: 1

**4202003001**  
**C1 Solenoid COIL**  
Bobina EV tipo C1  
C1 solenoid coil



230V 50/60Hz

Q.ty - Q.tà: 1

**3303031001**  
**C1 Coil connector**  
Connettore bobina tipo C1  
C1 Solenoid coil connector



DIN43650  
con cavo 1 m  
with 1 m cable

Q.ty - Q.tà: 1

## ACCESSORIES and SPARE PARTS

### ACCESSORI e RICAMBI

**TC309055**  
**Arctic HT 0-10V c.b.**  
 Controller pompa Arctic  
 ingresso 0-10V  
 + 0/I contatto pulito  
 Arctic control board  
 0-10V input  
 0/I dry contact



Q.ty - Q.tà: 1

**TC309056**  
**Mistmatic VAR c.b.**  
 Controller Mistmatic VAR  
 Mistmatic VAR  
 control board



Q.ty - Q.tà: 1

**TC309057**  
**Mistmatic VAR HT c.b.**  
 Controller Mistmatic VAR  
 Mistmatic VAR  
 control board  
 HT versions



Q.ty - Q.tà: 1

**TC309045**  
**TIME-2A c.b.**  
 Controller TIME-2  
 TIME-2 control board  
 NT-Fog



Q.ty - Q.tà: 1

**TC309050**  
**TIME-2B c.b.**  
 Controller TIME-2  
 TIME-2 control board  
 NT-Fog TIME



Q.ty - Q.tà: 1

**TC309051**  
**TIME-2C c.b.**  
 Controller TIME-2  
 TIME-2 control board  
 NT-Fog VAR



Q.ty - Q.tà: 1

**TC309049**  
**I-Cooler c.b.**  
 Controller I-Cooler  
 I-Cooler  
 control board



Q.ty - Q.tà: 1

**TC309041**  
**Arctic HT c.b.**  
 Controller pompa Arctic  
 Arctic control board  
 HT versions



Q.ty - Q.tà: 1

**TC309040**  
**Arctic c.b.**  
 Controller pompa Arctic  
 Arctic control board  
 Standard versions



Q.ty - Q.tà: 1

**TC309053**  
**Polaris LSP c.b.**  
 Controller pompa Polaris LSP  
 Polaris LSP  
 control board  
 LSP versions



Q.ty - Q.tà: 1

**TC309042**  
**Polaris c.b.**  
 Controller pompa Polaris  
 Polaris control board  
 Standard versions



Q.ty - Q.tà: 1

**TC309043**  
**Polaris HT c.b.**  
 Controller pompa Polaris  
 Polaris control board  
 HT versions



Q.ty - Q.tà: 1

**TC309044**  
**TC100001 c.b.**  
 Controller x TC100001  
 TC100001  
 control board



Q.ty - Q.tà: 1

**TC309047**  
**MosKITo c.b.**  
 Controller pompa MosKITo  
 MosKITo  
 control board  
 Standard versions



Q.ty - Q.tà: 1

**TC309046**  
**EC100021 c.b.**  
 Controller x EC100021  
 EC100021  
 control board



Q.ty - Q.tà: 1

## ACCESSORIES and SPARE PARTS

### ACCESSORI e RICAMBI

EC100007

#### VAR programmer

Programmatore inverter VAR  
VAR pumps programmer



Q.ty - Q.tà: 1

TC309020

#### ETH-Modbus RS-485 Gateway

Convertitore Seriale/ETH  
RTU to ETH/TCP



senza alimentatore  
w/o power supply

12-48 V DC

Q.ty - Q.tà: 1

TC309060

#### Modbus expansion board

Interfaccia seriale Modbus  
Serial Modbus  
expansion board



EC100021 / HT / VAR  
control boards

Q.ty - Q.tà: 1

EC309003

#### Pressure switch

Pressostato inverso  
con reset  
Pressure switch



230V 50Hz G3/8"F

Q.ty - Q.tà: 1

EC309010

#### Cyclic timer W

Timer ciclico digitale  
Digital cyclic timer



ON/OFF/T3  
230-115V 50-60Hz

Q.ty - Q.tà: 1

EC309011

#### Cyclic timer B

Timer ciclico digitale  
Digital cyclic timer



ON/OFF  
230-115V 50-60Hz

Q.ty - Q.tà: 1

3303511003

#### Contactore 24V

Contattore  
Contactor



24V 50-60Hz  
400V 12A 5.7kW

Professional pumps

Q.ty - Q.tà: 1

101452

#### Transformer 24V

Trasformatore  
Transformer



in 0-200-230-400V  
out 0-24V  
20VA  
Professional pumps

Q.ty - Q.tà: 1

6320503003

#### Transformer 230V

Trasformatore  
Transformer



in 0-400V  
out 0-230V  
50VA  
NT-FOG pumps

Q.ty - Q.tà: 1

TC309065

#### Smart Plug Wi-Fi

Presse smart On/Off  
Smart Plug  
On/Off



Schuko  
16A Wi-Fi

Q.ty - Q.tà: 1

TC309061

#### Wi-Fi expansion antenna

Scheda espansione Wi-Fi  
per schede Modbus  
Wi-Fi antenna add-on  
for Modbus controllers



EC100021 / HT / VAR  
control boards

Q.ty - Q.tà: 1

TC309069

#### Motion sensor

Sensore di movimento  
IP 55 motion sensor



External installation  
10A / CE certified  
110-230V 50/60Hz  
Temp. range -30+50 °C

Q.ty - Q.tà: 1

TC309052

#### Breezy c.b.

Controller pompa Breezy  
Breezy control board



Standard versions

Q.ty - Q.tà: 1



## ACCESSORIES and SPARE PARTS

### ACCESSORI e RICAMBI

**TC980011**  
**NT-Fog VAR 3.0 kW VFD**  
Inverter 3 kW 400V trifase  
NT-Fog 3 kW VFD



3.0 kW  
input: 400V 3PH  
50/60Hz  
NT-Fog VAR

Q.ty - Q.tà: 1

**TC980010**  
**MistMatic VAR 1.5 kW VFD**  
Inverter 1.5 kW 230V monofase  
Evo-VAR 1.5 kW VFD



1.5 kW  
input: 230V 1PH  
50/60Hz  
MistMatic  
Evolution Time VAR

Q.ty - Q.tà: 1

**TC980012**  
**I-Cooler LSP VFD**  
Inverter mod. I-Cooler/LSP  
I-Cooler/LSP VFD



550 W  
input: 110-230V 1PH  
50/60Hz  
I-Cooler / LSP

Q.ty - Q.tà: 1

**TC309016**  
**Pressure switch**  
Pressostato  
Pressure switch



1/8M BSP  
40 bar 230V50Hz  
Arctic / Polaris

Q.ty - Q.tà: 1

**TC309015**  
**Pressure switch**  
Pressostato  
Pressure switch



1/4M BSP  
40 bar 230V50Hz  
NT-Fog

Q.ty - Q.tà: 1

**TC309018**  
**Pressure switch**  
Pressostato  
Pressure switch



3/8M BSP  
40 bar 230V50Hz  
NT-Fog VAR

Q.ty - Q.tà: 1

**TC309033**  
**Socket 5P**  
Connettore Femmina 5 poli x sonda  
Female socket 5 poles for probes



Q.ty - Q.tà: 1

**TC309032**  
**Plug 5P**  
Connettore Maschio 5 poli x sonda  
Male socket 5 poles for probes



Q.ty - Q.tà: 1

**5222501003**  
**Cooling fan**  
Ventola inverter  
VFD fan



220-240V  
120\*120\*38  
Evolution Time VAR

Q.ty - Q.tà: 1

**TC309035**  
**Socket 4P**  
Connettore Femmina 4 poli x remoto  
Female socket 4 poles for remote



Q.ty - Q.tà: 1

**TC309034**  
**Plug 4P**  
Connettore Maschio 4 poli x remoto  
Male socket 4 poles for remote



Q.ty - Q.tà: 1

**TC980013**  
**MobiCool VFD**  
Inverter mod. Mobicool  
Mobicool VFD



550 W  
input: 110-230V 1PH  
50/60Hz  
MobiCool

Q.ty - Q.tà: 1

**TC981010**  
**Pressure transducer**  
Trasduttore di pressione  
Pressure transducer



1/4" M  
0-100 bar  
4-20 mA  
1.5m cable

Q.ty - Q.tà: 1



## ACCESSORIES and SPARE PARTS

### ACCESSORI e RICAMBI

EC309020

#### Check Valve G 1/4" FF

Valvola di non ritorno  
G 1/4" FF - Inox  
S.Steel check valve  
G 1/4" FF"  
380 bar - 5500 psi



Q.ty - Q.tà: 1

EC309025

#### Check Valve G 3/8" FF

Valvola di non ritorno  
G 3/8" FF - Inox  
S.Steel check valve  
G 3/8" FF"  
380 bar - 5500 psi



Q.ty - Q.tà: 1

TC400046

#### Quick Coupling F22x1.5

Attacco girevole  
F22x1.5 G1/4" F  
Quick Coupling  
F22x1.5 G1/4F



Q.ty - Q.tà: 1

EC400030

#### HP hose F22x1.5 F1/4"

Tubo flessibile  
1/4" A.P. 8 m  
Ottone  
High pressure  
flexible hose  
1/4" 8 m - Brass



Q.ty - Q.tà: 1

EC400031

#### HP hose F1/4" F1/4"

Tubo flessibile  
3/16" A.P. 2.5 m  
Ottone  
High pressure  
flexible hose  
3/16" 2.5 m - Brass



Q.ty - Q.tà: 1

TC400045

#### Nipple M22x1.5

Niplo M22x1.5 M1/4" G  
Nipple M22x1.5 M1/4" G  
dia.14



Q.ty - Q.tà: 1

TC982010

#### VS 160 140 BAR

IN G1/4" M  
ByPass G1/8 F+Ptgm.13mm  
140 bar - 14 MPa - 2000 psi  
14 l/min - 3.7 USGpm  
90 °C - 195 °F  
V. Sicurezza - Safety valve



Q.ty - Q.tà: 1

TC982011

#### VB85R/180 160 BAR

IN G1/2" F - OUT G1/2" F  
160 bar - 16 MPa - 2300 psi  
80 l/min - 21 USGpm  
90 °C - 195 °F  
V.regolazione - P.regulator  
NT-Fog 27/35/43 lpm



Q.ty - Q.tà: 1

TC982012

#### Pulsar RV 160 BAR

IN G3/8" F - OUT G3/8" F  
160 bar - 16 MPa - 2300 psi  
40 l/min - 10 USGpm  
90 °C - 195 °F  
V.regolazione - P.regulator  
NT-Fog 15/18/21 lpm



Q.ty - Q.tà: 1

1913002001

#### Pressure gauge

Manometro 0-300 bar  
Pressure gauge 0-300 bar

1/8" - Glycerin-filled  
Premium Time  
Premium Plus



Q.ty - Q.tà: 1

1913081001

#### Pressure gauge

Manometro 0-250 bar  
Pressure gauge 0-250 bar

1/4" - Glycerin-filled  
Premium / Evolution  
Arctic / Polaris  
Professional / NT-Fog  
MistMatic



Q.ty - Q.tà: 1

102447

#### Pressure gauge hose

Tubo manometro  
Pressure gauge hose

1/4" F 1/8" M  
540mm



Q.ty - Q.tà: 1

TC309014

#### 24V float switch KIT

KIT per alimentazione serbatoio  
Extended water tank feeding KIT

24V

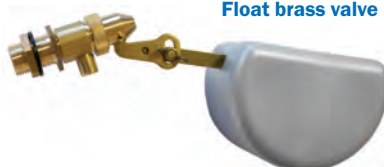


Q.ty - Q.tà: 1

TC508014

#### Float valve

Galleggiante ottone M1/2"  
Float brass valve M1/2"



Q.ty - Q.tà: 1

EC400011

#### Ball Valve G 1/4" FF

Valvola a sfera  
di intercettazione  
G 1/4" FF - 80 bar - Ottone  
G 1/4" FF on/off ball valve  
80 bar - 1150 psi - Brass



Q.ty - Q.tà: 1

## ACCESSORIES and SPARE PARTS

### ACCESSORI e RICAMBI

**5311051001**

**HS FOG Valves**  
Kit valvole a/m HS  
Head valves HS

Polaris - Arctic - Breezy  
Premium - Evolution  
MistMatic - MosKITo  
Icooler - Mobicool

Q.ty - Q.tà: 2x6

**5311011001**

**HS Seals**  
Kit guarnizioni pompe HS  
Seals KIT for HS pumps

Polaris - Arctic  
Premium - Evolution  
MistMatic

Q.ty - Q.tà: 4x3

**5311048001**

**HS Oil Seals**  
Kit paraolio HS  
HS Oil Seals KIT

Polaris - Arctic  
Premium - Evolution  
MistMatic - MosKITo

Q.ty - Q.tà: 1x3

**19056170**

**Professional HW - NHD Valves**  
Valvole NHD-NHDP  
Valves NHD-NHDP

Professional  
HW  
2017

Q.ty - Q.tà: 1x6

**10997420**

**Professional HW - NHD Seals**  
Guarnizioni tipo HD 2017  
Seals KIT for HD pumps 2017

Q.ty - Q.tà: 6x3

**5311053001**

**HS-KEM Valves**  
Kit valvole a/m HS KEM  
Head valves HS KEM

«VITON»  
Evolution KEM

Q.ty - Q.tà: 1

**19055430**

**NMT Valve**  
Valvola tipo NMT  
Valve NMT

NT-Fog 15/18/21

Q.ty - Q.tà: 1

**10997470**

**NMT Seals**  
Guarnizioni tipo NMT  
Seals KT for NMT pumps

NT-Fog 15/18/21

Q.ty - Q.tà: 7x3

**5311052001**

**HS-KEM Seals**  
Kit guarnizioni HS-KEM  
Seals KIT for HS-KEM pumps

«VITON / KFM»  
Evolution KEM

Q.ty - Q.tà: 4x3

**19056860**

**XLTi 35/43 Valve**  
Valvola tipo XLT3517IR - XLT4317IR  
Valve for XLT3517IR XLT4317IR

Q.ty - Q.tà: 1

**10997700**

**XLTi 35/43 SEALS**  
Guarnizioni XLT3517IR - XLT4317IR  
Seals for XLT3517IR XLT4317IR pumps

Q.ty - Q.tà: 6x3

**19056870**

**XLT2730 Valve**  
Valvola tipo XLT2730IR  
Valve for XLT2730IR

Q.ty - Q.tà: 1

**5311038001**

**HS Piston**  
Kit pistone HS  
HS piston KIT

Polaris - Arctic  
Premium - Evolution  
MistMatic  
MosKITo

Q.ty - Q.tà: 3x1

**5311032001**

**HS Regulator KIT**  
KIT valvola regolazione HS  
HS pressure regulator KIT

Premium - Arctic  
Breezy - MosKITo

Q.ty - Q.tà: 1

**10997690**

**XLT2730 Seals**  
Guarnizioni tipo XLT  
Seals KT for XLT pumps

Q.ty - Q.tà: 1

## ACCESSORIES and SPARE PARTS

### ACCESSORI e RICAMBI

**260028**

**Professional HW - HD Valves**  
Valvole tipo HD  
Valves HD



Professional HW  
2012~2017

Q.ty - Q.tà: 1x6

**260044**

**Professional HW - HD Seals**  
Guarnizioni tipo HD 2012~2017  
Seals KIT for HD pumps 2012~2017



Q.ty - Q.tà: 7x3

**5311007001**

**MK Seals**  
Kit guarnizioni pompe MK  
Seals KIT for MK pumps



MosKITo

Q.ty - Q.tà: 3x3

**5311027001**

**FL Seals**  
Kit guarnizioni pompe FL  
Seals KIT for FL pumps



MobiCool 2009  
I-Cooler

Q.ty - Q.tà: 3x4

**5311088001**

**BZ Seals**  
Kit guarnizioni pompe BZ  
Seals KIT for BZ pumps



MobiCool 2016  
Icooler 2022  
Breezy

Q.ty - Q.tà: 3x5

**8311001001**

**SEALS TOOL**  
Attrezzatura per il cambio guarnizioni  
Seal remover tools  
maintenance KIT for pistons seals



for pistons dia:  
15 - 16 - 20  
all pumps  
up to 27 lpm

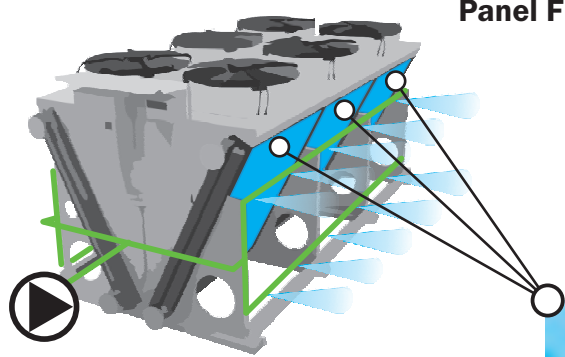
Q.ty - Q.tà: 1

## Other ACCESSORIES and SPARE PARTS

### ACCESSORI e RICAMBI diversi

**TC530011**

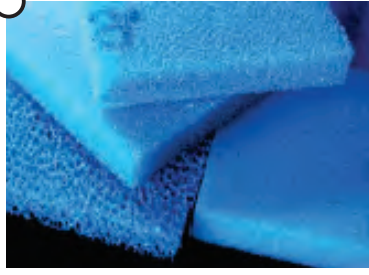
**Panel FILTER PPI 200x150x1cm**  
Pannello filtrante PPI 200x150x1 cm



Dimensioni: 200x150x1 cm  
fornito senza telaio  
Dimensions: 78.7x59x0.4 in  
without frame

PRE-COOLING

I filtri per pannelli PPI hanno lo scopo di proteggere i componenti di un sistema HVAC in tutte le applicazioni, catturando le particelle di polvere nell'aria di aspirazione della ventilazione. Offrono una minima resistenza all'aria.  
PPI panel filters are meant to protect components of an HVAC system in all applications in ventilation intake air. They offer peak efficiency and dust-holding capacity with minimal air resistance.



Q.ty - Q.tà: 1

**TC979001**

**Lubricating OIL 80W-90**  
Olio lubrificante per pompe  
1 litro  
Lubricating OIL for pumps  
1 liter



Q.ty - Q.tà: 1

**TC979002**

**LOXEAL 56-03**  
Sigillafiletti a media resistenza per filetti fino a 2".  
Sostituisce il nastro Teflon nella sigillatura di acqua.  
Threadsealing.  
Medium strength, for connectors up to 2", to replace PTFE tapes in the sealing of water.



Q.ty - Q.tà: 1

## KIT POLYAMIDE LINE 10-70 nozzles

## KIT Polyamide modulari 10 - 70 ugelli



KIT POLYAMIDE: accessori per la realizzazione di impianti di nebulizzazione professionale ad alta pressione. Gli accessori contenuti nei vari "Kit", da abbinare ad un modulo pompa, permettono di installare un impianto completo dovendo disporre solo di un allacciamento idrico e una presa elettrica. Si possono ricavare dallo stesso impianto uno o più punti nebbia distinti grazie ai tappi di fine linea e ai raccordi a "T".

NYLON TUBING KIT: a complete set of accessories suitable to build a professional misting pipeline. A high pressure pump unit is required to install a full working system.

| Ogni KIT include:<br>KIT includes:                                                  | Codice<br>Code | Descrizione materiali<br>Description of materials                                                 | Kit 10<br>EC500010 | Kit 20<br>EC500020 | Kit 30<br>EC500030 | Kit 50<br>EC500050 | Kit 70<br>EC500070 |
|-------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|    | EC500005       | Gruppo filtrazione 2x9.1/2" 5 - 1 micron + accessori<br>Water filters complete with accessories   | 1                  | 1                  | 1                  | 1                  | 1                  |
|    | EC200008       | Valvola di drenaggio automatico con raccordo innesto<br>Nozzle drain valve                        | 1                  | 1                  | 1                  | 1                  | 1                  |
|    | EC400010       | Pinza tagliatubi in metallo per tubi fino 1/2"<br>Tubing cutter                                   | 1                  | 1                  | 1                  | 1                  | 1                  |
|   | EC400001       | Tubo A.P. in Polyamide 3/8" in bobina da 25 mt.<br>3/8" nylon tubing in coil form 25 mt.          | 1                  | 1                  | 1                  | 1                  | 1                  |
|  | EC400002       | Tubo A.P. in Polyamide 3/8" in verga pretagliata 80cm.<br>80 cm length nylon straight tubing 3/8" | 10                 | 20                 | 30                 | 50                 | 70                 |
|  | TC300001       | Raccordo portaugello 1 foro in ottone filettato 10/24<br>Fitting for nozzle 10/24"                | 11                 | 21                 | 31                 | 51                 | 71                 |
|  | TC300005       | Raccordo curva 90 in ottone ad innesto rapido 3/8"<br>3/8" L Fitting                              | 1                  | 2                  | 3                  | 5                  | 7                  |
|  | TC300004       | Raccordo a "Tee" in ottone ad innesto rapido 3/8"<br>3/8" T Fitting                               | 1                  | 2                  | 3                  | 5                  | 7                  |
|  | TC300013       | Raccordo portaugello ad innesto di fine linea<br>3/8" End Fitting for 1 nozzle                    | 1                  | 2                  | 3                  | 5                  | 7                  |
|  | EC130209       | Ugello nebulizzatore con valvola antigoccia foro 0.20mm<br>0.20mm Brass/Stainless Nozzle          | 10                 | 20                 | 30                 | 50                 | 70                 |
|  | EC400007       | Passacavo inox gommato per fissaggio tubo 3/8<br>Clamp for 3/8" tubing                            | 20                 | 40                 | 60                 | 100                | 140                |
|  | EC080007       | Tappo esclusione ugello in ottone 10/24<br>Brass nozzle plug 10/24                                | 1                  | 2                  | 3                  | 5                  | 7                  |
|  | EC403251       | Filtro acqua 25 micron per ugello<br>25 micron polyethylene filter                                | 10                 | 20                 | 30                 | 50                 | 70                 |

## S.STEEL KIT 10-70 nozzles

## KIT modulari INOX 10 - 70 ugelli



KIT INOX: questi sistemi rappresentano la soluzione professionale per realizzare un impianto di raffreddamento o umidificazione ad alta pressione con tubazioni e raccorderia in acciaio inox.

Gli accessori contenuti nei vari "Kit", da abbinare ad un modulo pompa, permettono di installare l'impianto completo dovendo disporre solo di un allacciamento idrico e una presa elettrica. Si possono ricavare dallo stesso impianto due o più punti nebbia distinti grazie ai tappi di fine linea e ai raccordi a "T".

S.STEEL TUBING KIT: a complete set of accessories suitable to build a professional misting pipeline. A high pressure pump unit is required to install a full working system.

| Ogni KIT include:<br>KIT includes:                                                  | Codice<br>Code | Descrizione materiali<br>Description of materials                                                | Kit 10<br>TC501310 | Kit 20<br>TC501320 | Kit 30<br>TC501330 | Kit 50<br>TC501350 | Kit 70<br>TC501370 |
|-------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|    | EC500005       | Gruppo filtrazione 2x9.1/2" 5 - 1 micron + accessori<br>Water filters complete with accessories  | 1                  | 1                  | 1                  | 1                  | 1                  |
|    | EC400010       | Pinza tagliatubi per tubi fino 1/2"<br>Tubing cutter - max. size 1/2"                            | 1                  | 1                  | 1                  | 1                  | 1                  |
|    | EC400001       | Tubo A.P. in Polyamide 3/8" in bobina da 25 mt.<br>3/8" nylon tubing in coil form 25 mt.         | 1                  | 1                  | 1                  | 1                  | 1                  |
|    | TC300026       | Raccordo inizio 3/8" tubo x 1/4" BSP-T<br>1/4" BSP-T male connector for 3/8" tube                | 1                  | 1                  | 1                  | 1                  | 1                  |
|   | TC614122       | Giunzione femmina INOX (BSP 1/4"F x 10mm)<br>S.Steel Union - female connector (BSP 1/4"F x 10mm) | 1                  | 1                  | 1                  | 1                  | 1                  |
|  | TC713200       | Tubo in acciaio INOX 10x1 mm : 200cm<br>S.Steel pipe 10x1mm : 200cm                              | 5                  | 10                 | 15                 | 25                 | 35                 |
|  | TC614101       | Portaugello INOX 10mm - 1 foro 10/24unc/2B<br>S.Steel 10mm Nozzle holder - 1 hole 10/24          | 10                 | 20                 | 30                 | 50                 | 70                 |
|  | TC614123       | Giunzione tubo 10 mm INOX (10 x 10 mm)<br>Union — pipe connector (10 x 10 mm)                    | 5                  | 10                 | 15                 | 25                 | 35                 |
|  | TC614121       | Raccordo Curva 90 INOX (10 x 10 mm)<br>S.Steel Union Elbow (10 x 10 mm)                          | 1                  | 2                  | 3                  | 5                  | 7                  |
|  | TC614120       | Raccordo a T INOX (10 x 10 x 10 mm)<br>S.Steel Tee fitting (10 x 10 x 10 mm)                     | 1                  | 2                  | 3                  | 5                  | 7                  |
|  | TC614126       | Tappo di chiusura INOX per raccordi 10mm<br>S.Steel end plug for 10mm fittings                   | 1                  | 2                  | 3                  | 5                  | 7                  |
|  | EC130209       | Ugello nebulizzatore Noxide antigoccia foro 0.20mm<br>0.20mm Noxide/S.Steel anti-drip Nozzle     | 10                 | 20                 | 30                 | 50                 | 70                 |
|  | EC400007       | Passacavo inox gommatto per fissaggio tubo 3/8<br>Clamp for 3/8" tubing                          | 20                 | 40                 | 60                 | 100                | 140                |
|  | EC060007       | Tappo esclusione ugello in acciaio inox 10/24<br>S.Steel nozzle plug 10/24                       | 1                  | 2                  | 3                  | 5                  | 7                  |
|  | EC403251       | Filtro acqua 25 micron per ugello<br>25 micron polyethylene filter                               | 10                 | 20                 | 30                 | 50                 | 70                 |

## PREMIUM fan KIT

### KIT Premium VENTO



La fusione tra la forza dell'aria e la nebulizzazione offre il sistema più potente ed efficace per il raffreddamento in esterno o per grandi spazi all'interno. La spinta dell'aria raffreddata dalla micronebulizzazione abbassa notevolmente la temperatura nell'area interessata. I Kit modulari con i ventilatori serie EC600050 rappresentano la soluzione più economica per raffrescare piccole e grandi aree. Ogni ventilatore a getto fisso, copre un'area di ca. 4 x 7 m. Sono dotati di staffe per il fissaggio sottotrave e di regolazione a 3 velocità. Ad ogni Kit può essere abbinato uno qualsiasi dei ns. moduli pompa.

PREMIUM FAN KIT: a complete set of accessories suitable to build a professional system with misting fans. A high pressure pump unit is required to install a full working system.

| Ogni KIT include:<br>KIT includes:                                                  | Codice<br>Code | Descrizione materiali<br>Description of materials                                                                                                                                                                                 | Kit 2<br>EC500202 | Kit 4<br>EC500204 | Kit 6<br>EC500206 | Kit 8<br>EC500208 | Kit 10<br>EC500210 |
|-------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
|    | EC500005       | Gruppo filtrazione 2x9.3/4" 5 - 1 micron + accessori<br>Water filters complete with accessories                                                                                                                                   | 1                 | 1                 | 1                 | 1                 | 1                  |
|    | EC200008       | Valvola di drenaggio automatico con raccordo innesto<br>Nozzle drain valve                                                                                                                                                        | 1                 | 1                 | 1                 | 1                 | 1                  |
|    | TC300001       | Raccordo portaugello 1 foro in ottone filettato 10/24<br>Fitting for nozzle 10/24"                                                                                                                                                | 1                 | 1                 | 1                 | 1                 | 1                  |
|   | EC400010       | Pinza tagliatubi per tubi fino 1/2"<br>Tubing cutter - max. size 1/2"                                                                                                                                                             | 1                 | 1                 | 1                 | 1                 | 1                  |
|  | EC400001       | Tubo A.P. in Polyamide 3/8" in bobina da 25 mt.<br>3/8" nylon tubing in coil form 25 mt.                                                                                                                                          | 1                 | 2                 | 3                 | 4                 | 5                  |
|  | EC600050       | Ventilatore assiale 50 cm a 3 velocità per montaggio in sospensione senza oscillazione con accessori per fissaggio<br>3 speed axial mist cooling fan - dia. 50 cm - roof mounting non-oscillating - mounting accessories included | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | EC600003       | Ghiera portaugelli 4 fori<br>Misting ring 4 Holes                                                                                                                                                                                 | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | TC300004       | Raccordo a "Tee" in ottone ad innesto rapido 3/8"<br>3/8" T Fitting                                                                                                                                                               | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | TC300026       | Raccordo inizio 3/8" tubo x 1/4" Npt<br>1/4" male connector for 3/8" tube                                                                                                                                                         | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | EC130209       | Ugello nebulizzatore Noxide antigoccia foro 0.20mm<br>0.20mm Noxide/S.Steel anti-drip Nozzle                                                                                                                                      | 8                 | 16                | 24                | 32                | 40                 |
|  | EC400007       | Passacavo inox gommato per fissaggio tubo 3/8"<br>Clamp for 3/8" tubing                                                                                                                                                           | 20                | 40                | 60                | 80                | 100                |
|  | EC080007       | Tappo esclusione ugello in ottone 10/24<br>Brass nozzle plug 10/24                                                                                                                                                                | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | TC400009       | Valvola a sfera di intercettazione con raccordi innesto 3/8"<br>On /Off slip lock Valve                                                                                                                                           | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | EC403251       | Filtro acqua 25 micron per ugello<br>25 micron polyethylene filter                                                                                                                                                                | 10                | 20                | 30                | 40                | 50                 |

## OPTIMUM fan KIT

### KIT Optimum VENTO



La fusione tra la forza dell'aria e la nebulizzazione offre il sistema più potente ed efficace per il raffreddamento in esterno o per grandi spazi all'interno. La spinta dell'aria raffreddata dalla micronebulizzazione abbassa notevolmente la temperatura nell'area interessata. I Kit modulari con i ventilatori serie EC600051 rappresentano la soluzione più economica per raffrescare piccole e grandi aree. Ogni ventilatore oscillante copre un'area di ca. 5 x 7 m. Sono dotati di staffe per il fissaggio a parete e di regolazione a 3 velocità. Ad ogni Kit può essere abbinato uno qualsiasi dei ns. moduli pompa.

OPTIMUM FAN KIT: a complete set of accessories suitable to build a professional system with oscillating misting fans. A pump unit is required to install a full working system.

| Ogni KIT include:<br>KIT includes:                                                  | Codice<br>Code | Descrizione materiali<br>Description of materials                                                                                                                                                                               | Kit 2<br>TC500302 | Kit 4<br>TC500304 | Kit 6<br>TC500306 | Kit 8<br>TC500308 | Kit 10<br>TC500300 |
|-------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
|    | EC500005       | Gruppo filtrazione 2x9.3/4" 5 - 1 micron + accessori<br>Water filters complete with accessories                                                                                                                                 | 1                 | 1                 | 1                 | 1                 | 1                  |
|    | EC200008       | Valvola di drenaggio automatico con raccordo innesto<br>Nozzle drain valve                                                                                                                                                      | 1                 | 1                 | 1                 | 1                 | 1                  |
|    | TC300001       | Raccordo portaugello 1 foro in ottone filettato 10/24<br>Fitting for nozzle 10/24"                                                                                                                                              | 3                 | 5                 | 7                 | 9                 | 11                 |
|    | EC400010       | Pinza tagliatubi per tubi fino 1/2"<br>Tubing cutter - max. size 1/2"                                                                                                                                                           | 1                 | 1                 | 1                 | 1                 | 1                  |
|    | EC400001       | Tubo A.P. in Polyamide 3/8" in bobina da 25 mt.<br>3/8" nylon tubing in coil form 25 mt.                                                                                                                                        | 1                 | 2                 | 3                 | 4                 | 5                  |
|   | EC400029       | Tubo A.P. in Polyamide 5mm in bobina da 25 mt.<br>5mm nylon tubing in coil form 25 mt.                                                                                                                                          | 1                 | 1                 | 1                 | 1                 | 1                  |
|  | TC600041       | Ventilatore assiale 50 cm a 3 velocità per montaggio a parete con brandeggio 90° con accessori per fissaggio.<br>3 speed axial mist cooling fan - dia. 50 cm 20" wall mounting 90° oscillation - mounting accessories included. | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | EC600003       | Ghiera portaugelli 4 fori<br>Misting ring 4 Holes                                                                                                                                                                               | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | EC300076       | Raccordo inizio 5 mm tubo x 1/4" Bsp<br>1/4" male connector for 5 mm tube                                                                                                                                                       | 6                 | 12                | 18                | 24                | 30                 |
|  | EC300077       | Raccordo 10/24 M x tubo 5 mm<br>10/24 M to 5 mm tube adapter                                                                                                                                                                    | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | TC300013       | Raccordo fine linea 3/8 con foro 10/24<br>3/8 end fitting with 10/24 hole                                                                                                                                                       | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | EC130209       | Ugello nebulizzatore Noxide antigoccia foro 0.20mm<br>0.20mm Noxide/S.Steel anti-drip Nozzle                                                                                                                                    | 8                 | 16                | 24                | 32                | 40                 |
|  | EC400007       | Passacavo inox gommato per fissaggio tubo 3/8<br>Clamp for 3/8" tubing                                                                                                                                                          | 20                | 40                | 60                | 80                | 100                |
|  | EC400028       | Passacavo inox gommato per fissaggio tubo 5mm<br>Clamp for 5mm tubing                                                                                                                                                           | 4                 | 8                 | 12                | 16                | 20                 |
|  | EC080007       | Tappo esclusione ugello in ottone 10/24<br>Brass nozzle plug 10/24                                                                                                                                                              | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | EC400011       | Valvola a sfera di intercettazione FF 1/4"<br>On /Off FF 1/4" ball valve                                                                                                                                                        | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | EC403251       | Filtro acqua 25 micron per ugello<br>25 micron polyethylene filter                                                                                                                                                              | 10                | 20                | 30                | 40                | 50                 |

## PROFESSIONAL fan KIT

### KIT Professional VENTO



La forza dell'aria unita alla nebulizzazione offre il sistema più efficace per il raffreddamento in esterno o per grandi spazi all'interno. La spinta dell'aria raffreddata dalla micronebulizzazione abbassa notevolmente la temperatura nell'area interessata. I ventilatori serie EC600001 rappresentano una soluzione professionale per piccole e grandi aree. Coprono un'area di circa 50 mq. e vengono forniti con oscillazione, regolazione a 3 velocità e staffa di supporto per il fissaggio a parete, su richiesta è disponibile anche il supporto a piantana. Ad ogni Kit può essere abbinato uno qualsiasi dei ns. moduli pompa.

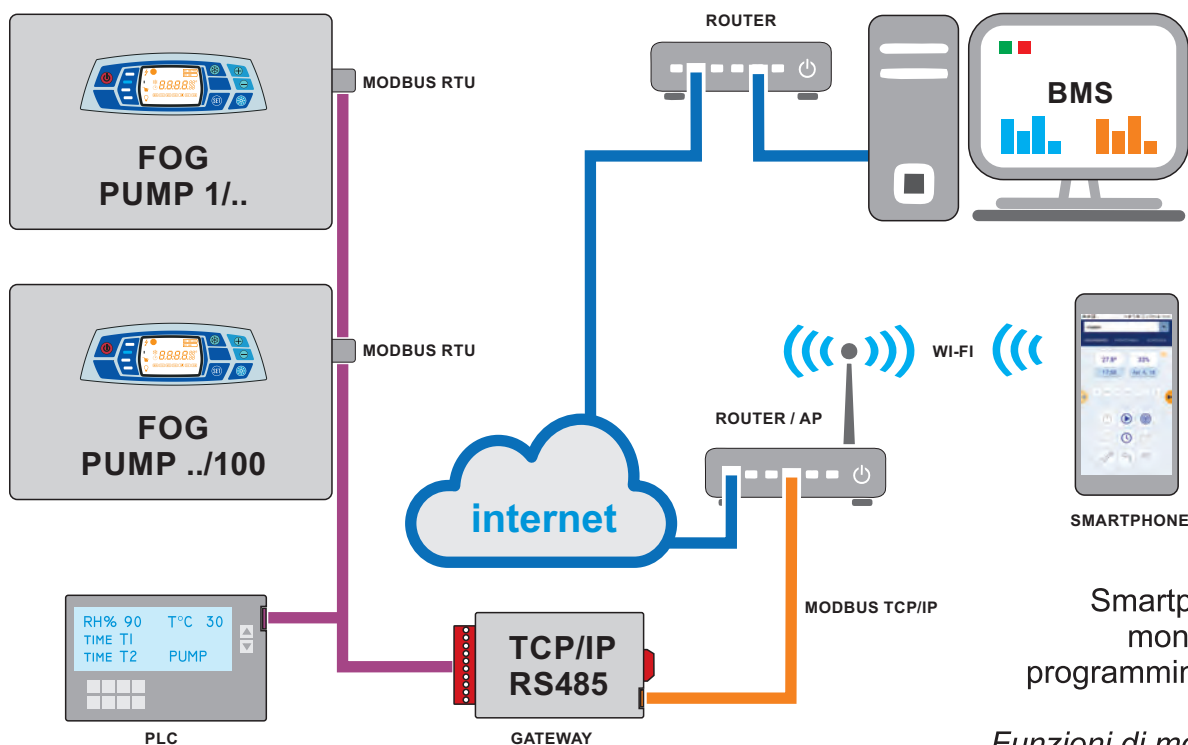
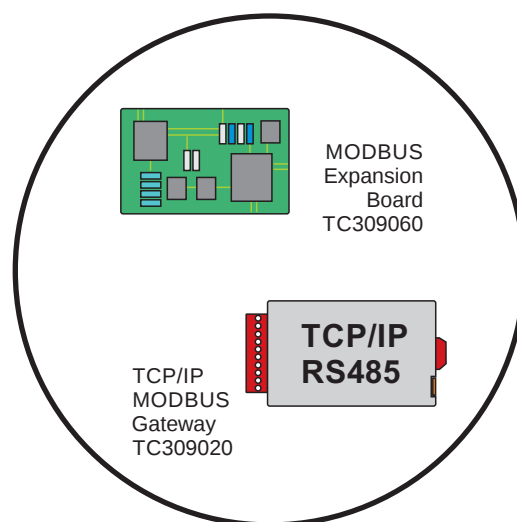
PROFESSIONAL FAN KIT: a complete set of accessories suitable to build a professional system with misting fans. A pump unit is required to install a full working system.

| Ogni KIT include:<br>KIT includes:                                                  | Codice<br>Code | Descrizione materiali<br>Description of materials                                                                                                                                                     | Kit 2<br>EC500102 | Kit 4<br>EC500104 | Kit 6<br>EC500106 | Kit 8<br>EC500108 | Kit 10<br>EC500110 |
|-------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
|    | EC500005       | Gruppo filtrazione 2x9.1/2" 5 - 1 micron + accessori<br>Water filters complete with accessories                                                                                                       | 1                 | 1                 | 1                 | 1                 | 1                  |
|    | EC200008       | Valvola di drenaggio automatico con raccordo innesto<br>Nozzle drain valve                                                                                                                            | 1                 | 1                 | 1                 | 1                 | 1                  |
|    | TC300001       | Raccordo portaugello 1 foro in ottone filettato 10/24<br>Fitting for nozzle 10/24"                                                                                                                    | 1                 | 1                 | 1                 | 1                 | 1                  |
|    | EC400010       | Pinza tagliatubi per tubi fino 1/2"<br>Tubing cutter - max. size 1/2"                                                                                                                                 | 1                 | 1                 | 1                 | 1                 | 1                  |
|   | EC400001       | Tubo A.P. in Polyamide 3/8" in bobina da 25 mt.<br>3/8" nylon tubing in coil form 25 mt.                                                                                                              | 1                 | 2                 | 3                 | 4                 | 5                  |
|  | EC600001       | Ventilatore assiale 60 cm a 3 velocità per montaggio a parete e staffa di fissaggio con brandeggio 90°<br>3 speed axial mist cooling fan - dia. 60 cm wall mounting bracket included with 90° luffing | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | EC600004       | Ghiera portaugelli 5 fori<br>Misting ring 5 Holes                                                                                                                                                     | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | TC300004       | Raccordo a "Tee" in ottone ad innesto rapido 3/8"<br>3/8" T Fitting                                                                                                                                   | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | TC300026       | Raccordo inizio 3/8" tubo x 1/4" Npt<br>1/4" male connector for 3/8" tube                                                                                                                             | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | EC130209       | Ugello nebulizzatore Noxide antigoccia foro 0.20mm<br>0.20mm Noxide/S.Steel anti-drip Nozzle                                                                                                          | 10                | 20                | 30                | 40                | 50                 |
|  | EC400007       | Passacavo inox gommato per fissaggio tubo 3/8"<br>Clamp for 3/8" tubing                                                                                                                               | 20                | 40                | 60                | 80                | 100                |
|  | EC080007       | Tappo esclusione ugello in ottone 10/24<br>Brass nozzle plug 10/24                                                                                                                                    | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | TC400009       | Valvola a sfera di intercettazione con raccordi innesto 3/8"<br>On /Off slip lock Valve                                                                                                               | 2                 | 4                 | 6                 | 8                 | 10                 |
|  | EC403251       | Filtro acqua 25 micron per ugello<br>25 micron polyethylene filter                                                                                                                                    | 10                | 20                | 30                | 40                | 50                 |

PARTS REQUIRED FOR MODBUS INTERFACE  
PARTI NECESSARIE PER INTERFACCIA MODBUS

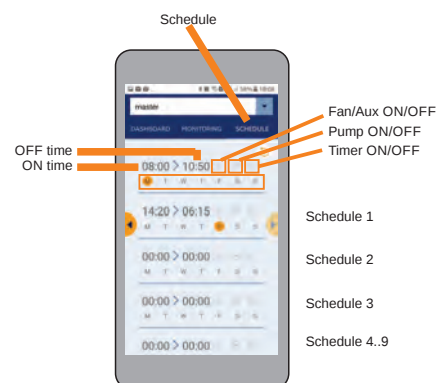
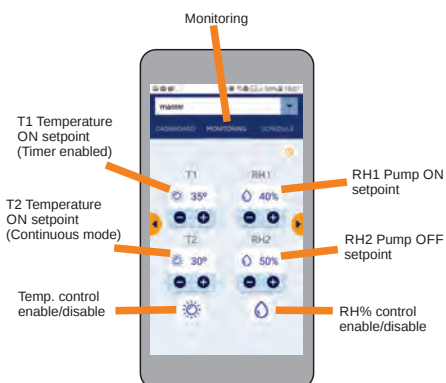
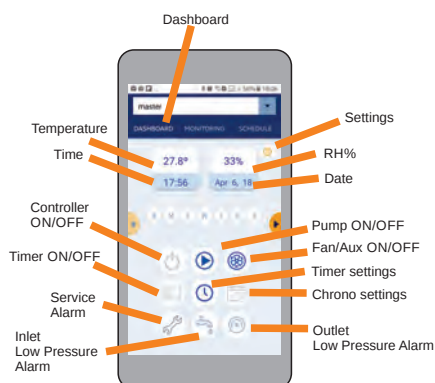
RTU and TCP/IP MODBUS protocol connectivity and interfaces layout example

*Diagramma esemplificativo connessioni e interfacce RTU e TCP/IP per protocollo MODBUS*



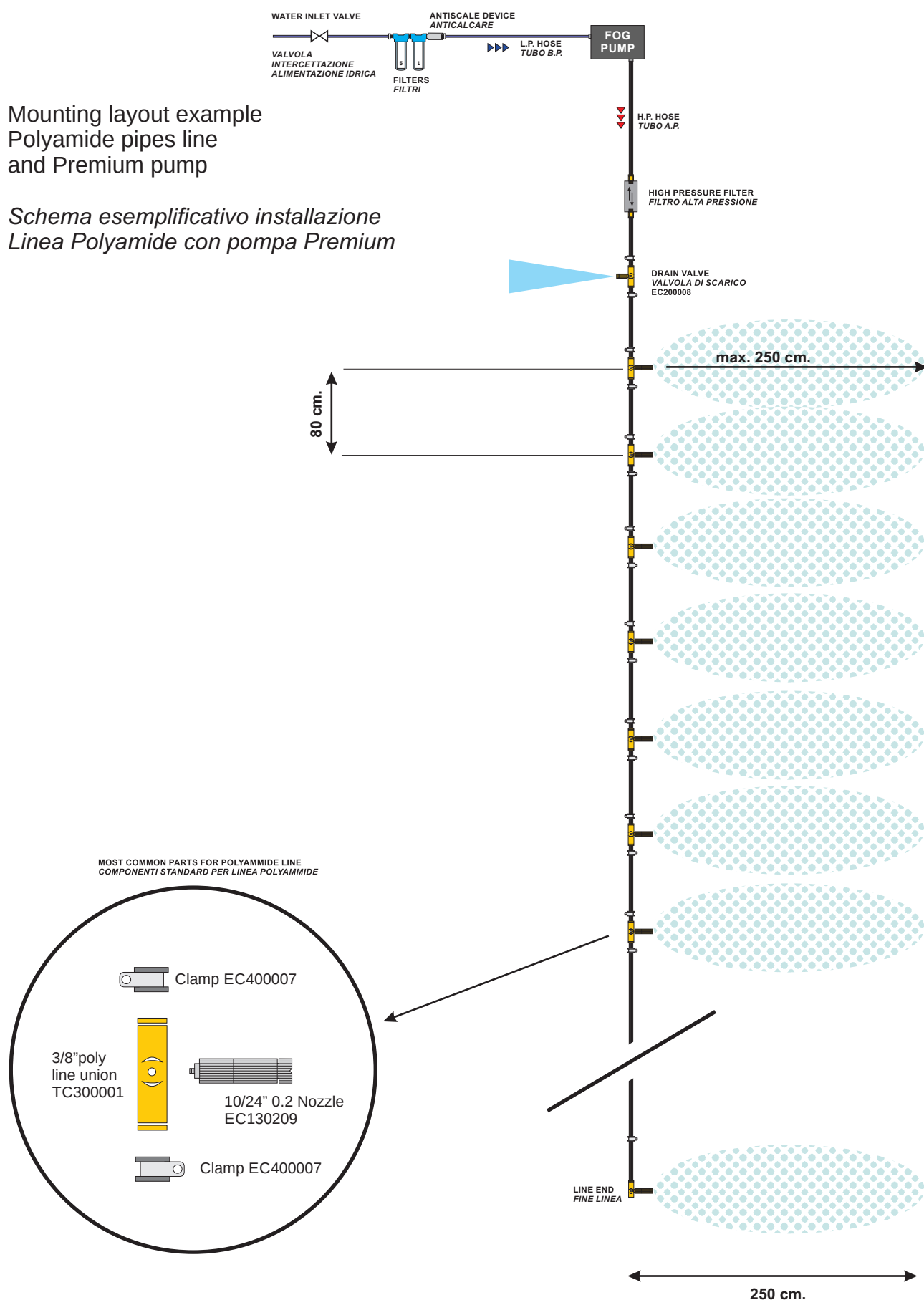
Smartphone APP monitoring and programming features

*Funzioni di monitoraggio e programmazione tramite APP per smartphone*



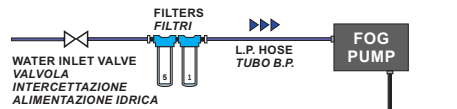
Mounting layout example  
Polyamide pipes line  
and Premium pump

*Schema esemplificativo installazione  
Linea Polyamide con pompa Premium*



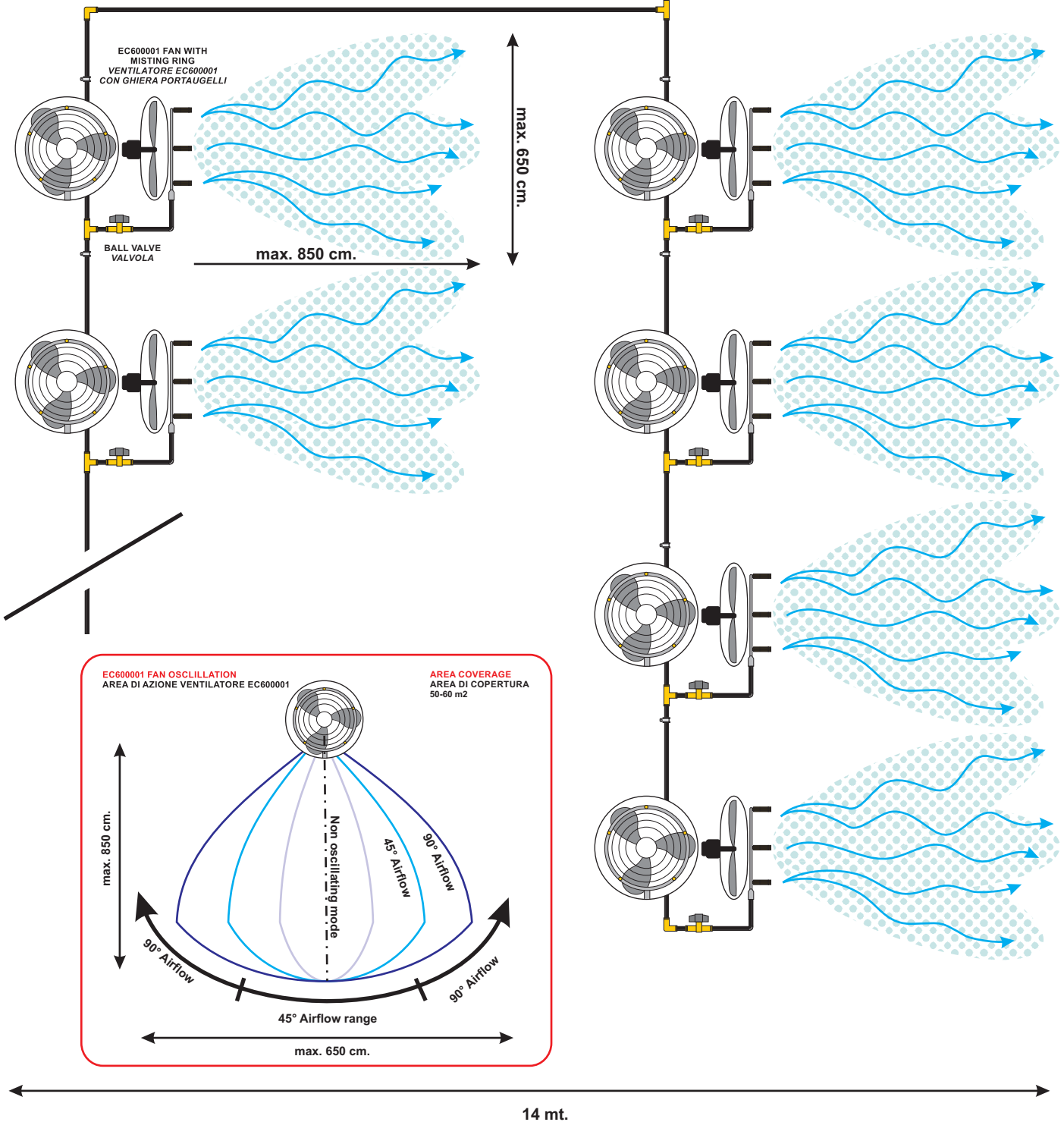
Mounting layout example  
*Schema esemplificativo  
 di installazione*

EC600001 cooling fans with polyamide pipeline  
*Ventilatori raffrescanti EC600001 con linea polyamide*



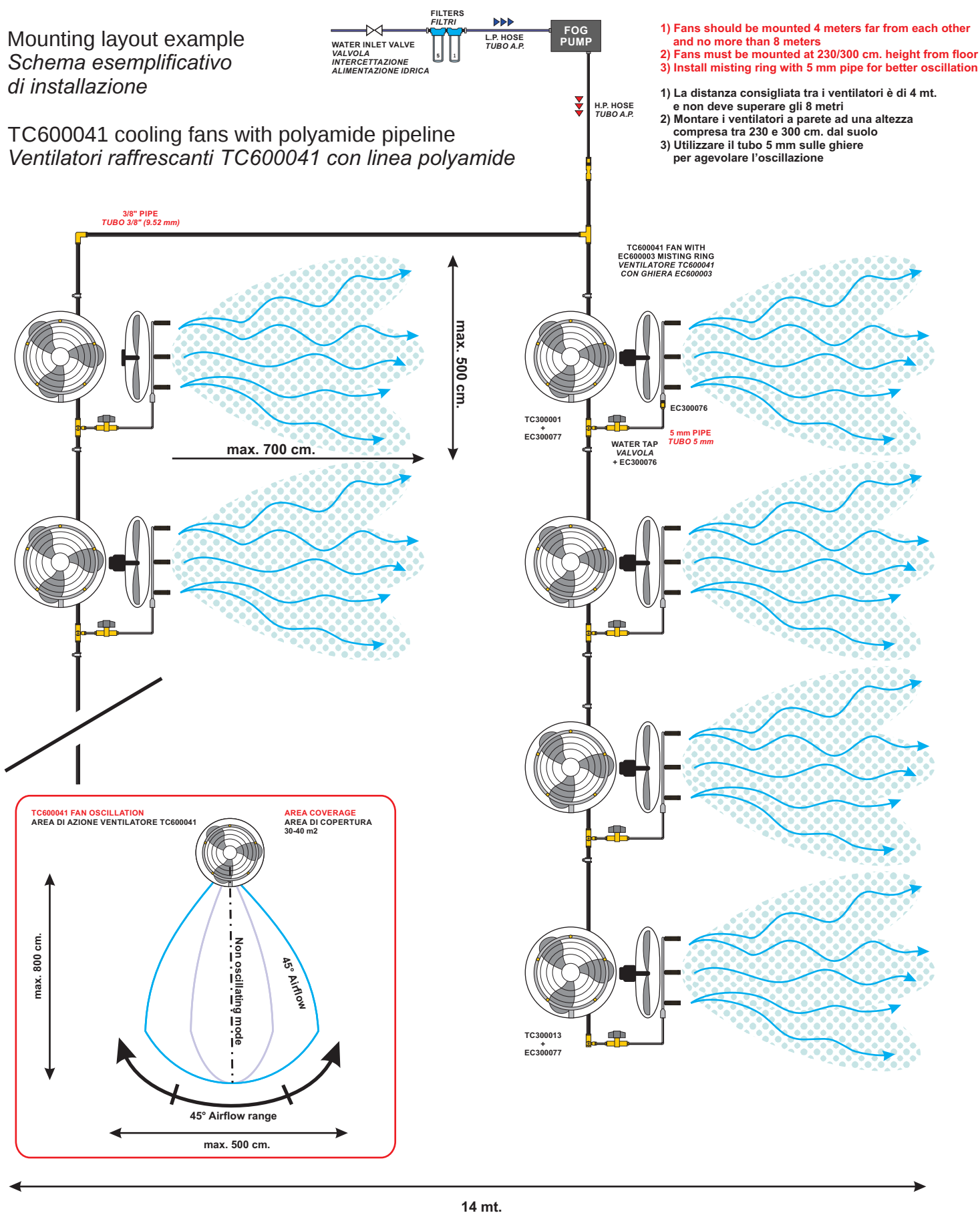
- 1) Fans should be mounted 7 meters far from each other and no more than 10 meters
- 2) Fans must be mounted at 240/300 cm. height from floor

- 1) La distanza consigliata tra i ventilatori è di 7 metri e non deve superare i 10 metri
- 2) Montare i ventilatori a parete ad una altezza compresa tra 240 e 300 cm. dal suolo



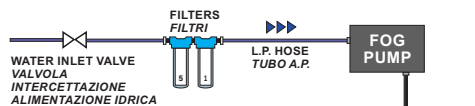
Mounting layout example  
Schema esemplificativo  
di installazione

TC600041 cooling fans with polyamide pipeline  
Ventilatori raffrescanti TC600041 con linea polyamide



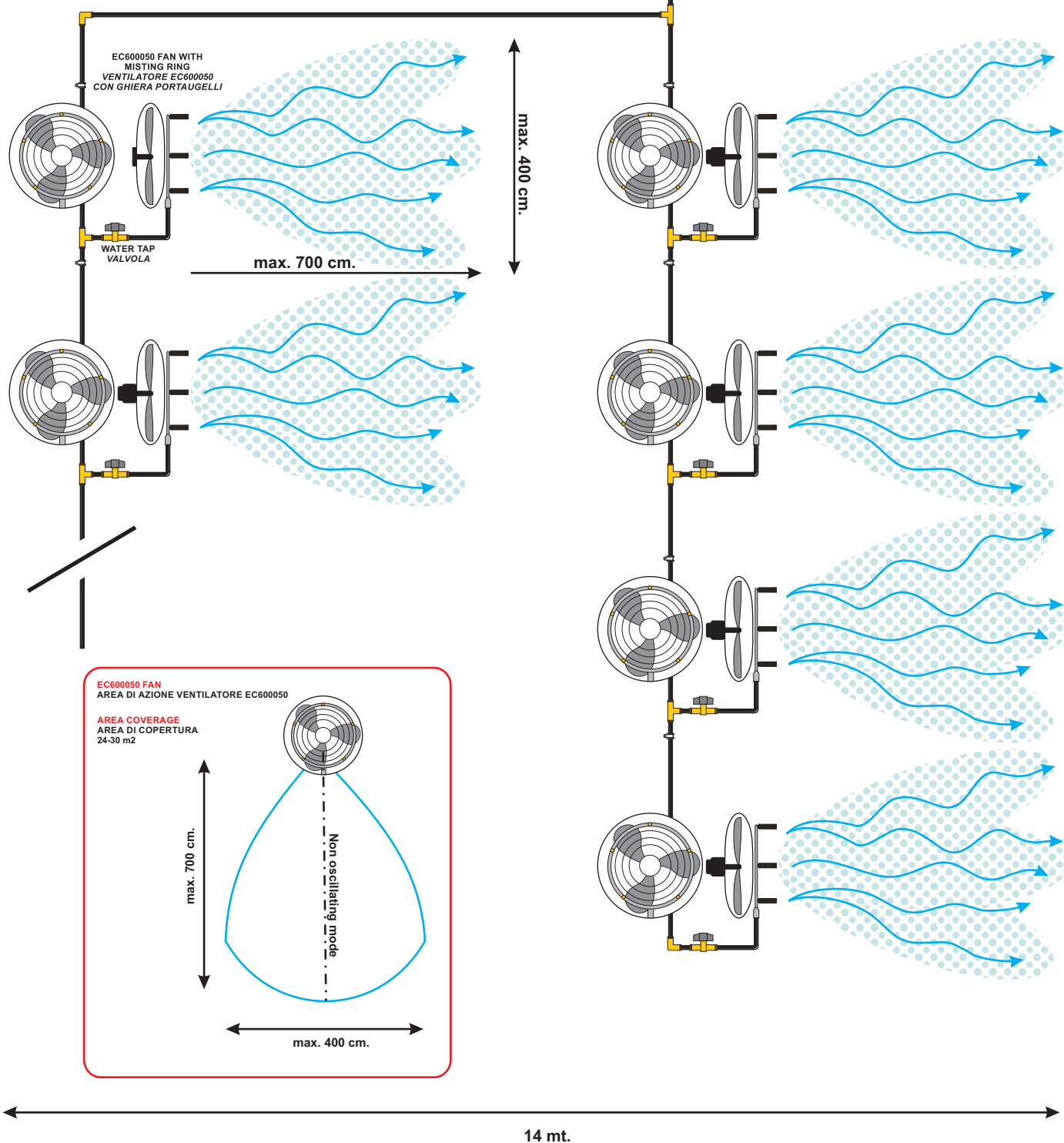
Mounting layout example  
Schema esemplificativo  
di installazione

EC600050 cooling fans with polyamide pipeline  
Ventilatori raffreddanti EC600050 con linea polyamide



- 1) Fans should be mounted 4 meters far from each other and no more than 8 meters
- 2) Fans must be mounted at 240/300 cm. height from floor

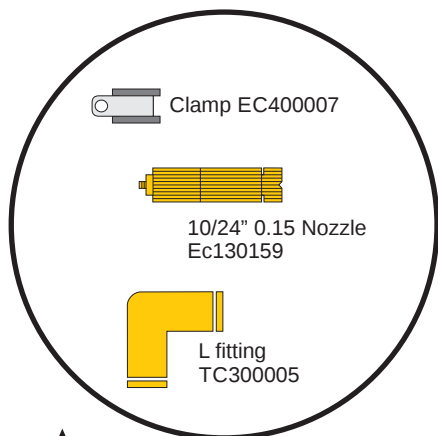
- 1) La distanza consigliata tra i ventilatori è di 4 mt. e non deve superare gli 8 metri
- 2) Montare i ventilatori a parete ad una altezza compresa tra 240 e 300 cm. dal suolo



Mounting layout example  
*Schema esemplificativo  
 di installazione*

EuroJet

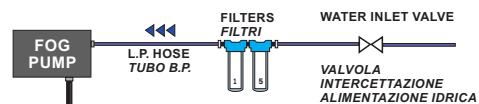
MOST COMMON PARTS FOR EUROJET  
 COMPONENTI STANDARD PER EUROJET



7.70 mt.

AREA COVERAGE  
 AREA DI COPERTURA  
 40-60 m<sup>2</sup>

7.70 mt.



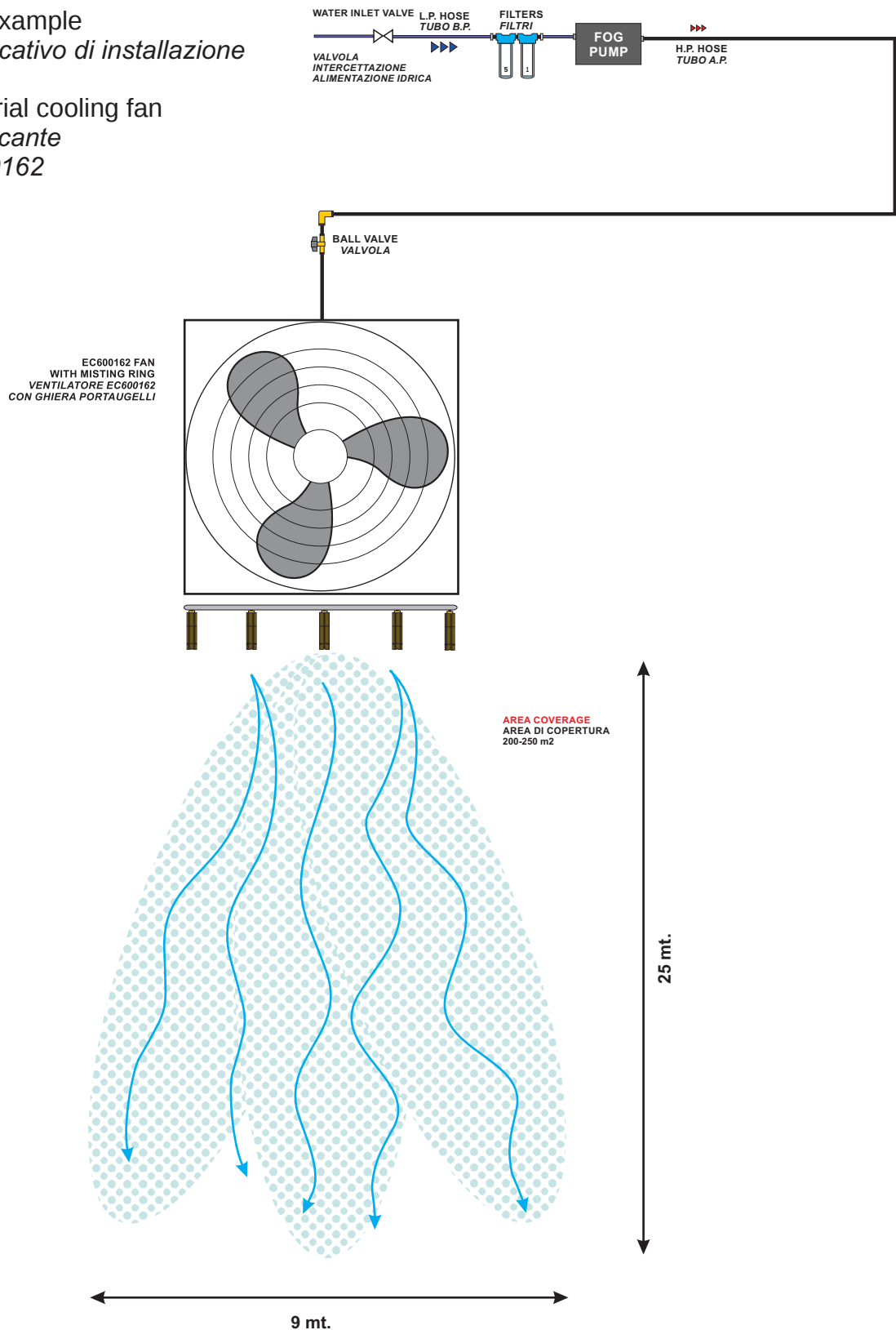
H.P. HOSE  
TUBO H.P.

max. 250 cm.

350 cm.

Mounting layout example  
*Schema esemplificativo di installazione*

EC600162 industrial cooling fan  
*Ventilatore raffrescante  
 industriale EC600162*



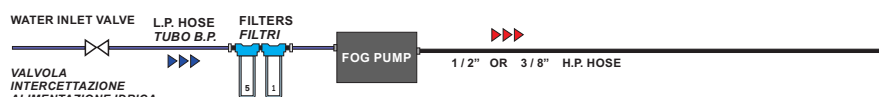
- 1) Fans should be mounted 25 meters far from each other
- 2) Fans must be mounted at 450 or more cm. height from floor

- 1) La distanza consigliata tra i ventilatori è di 25 mt.
- 2) Montare i ventilatori a parete o in sospensione ad una altezza maggiore di 450 cm. dal suolo

GREENHOUSE / SERRA  
Mounting layout example

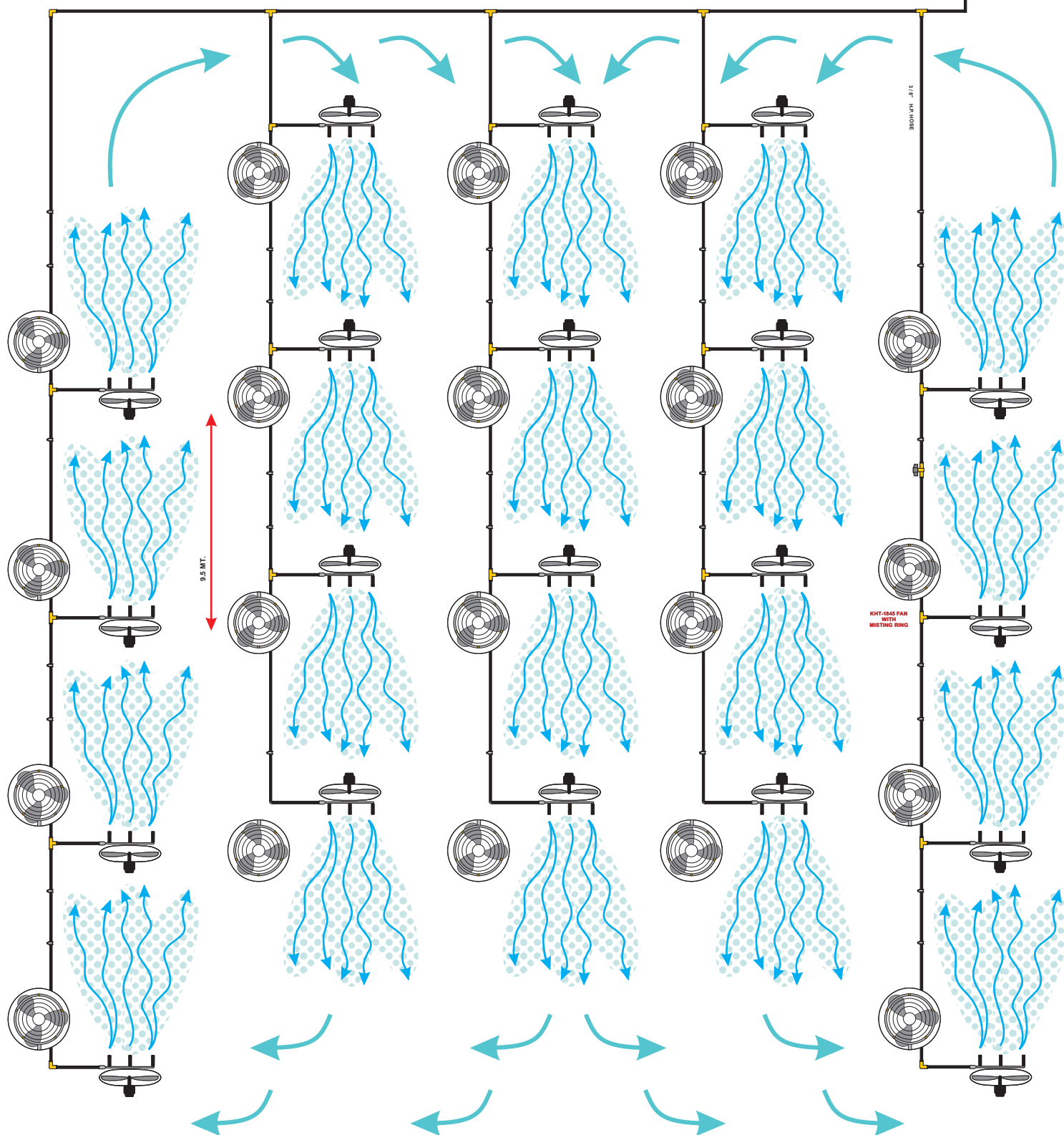
EC600050 cooling fans  
with polyamide pipes line

Disposizione SERIALE  
**SERIAL mounting**

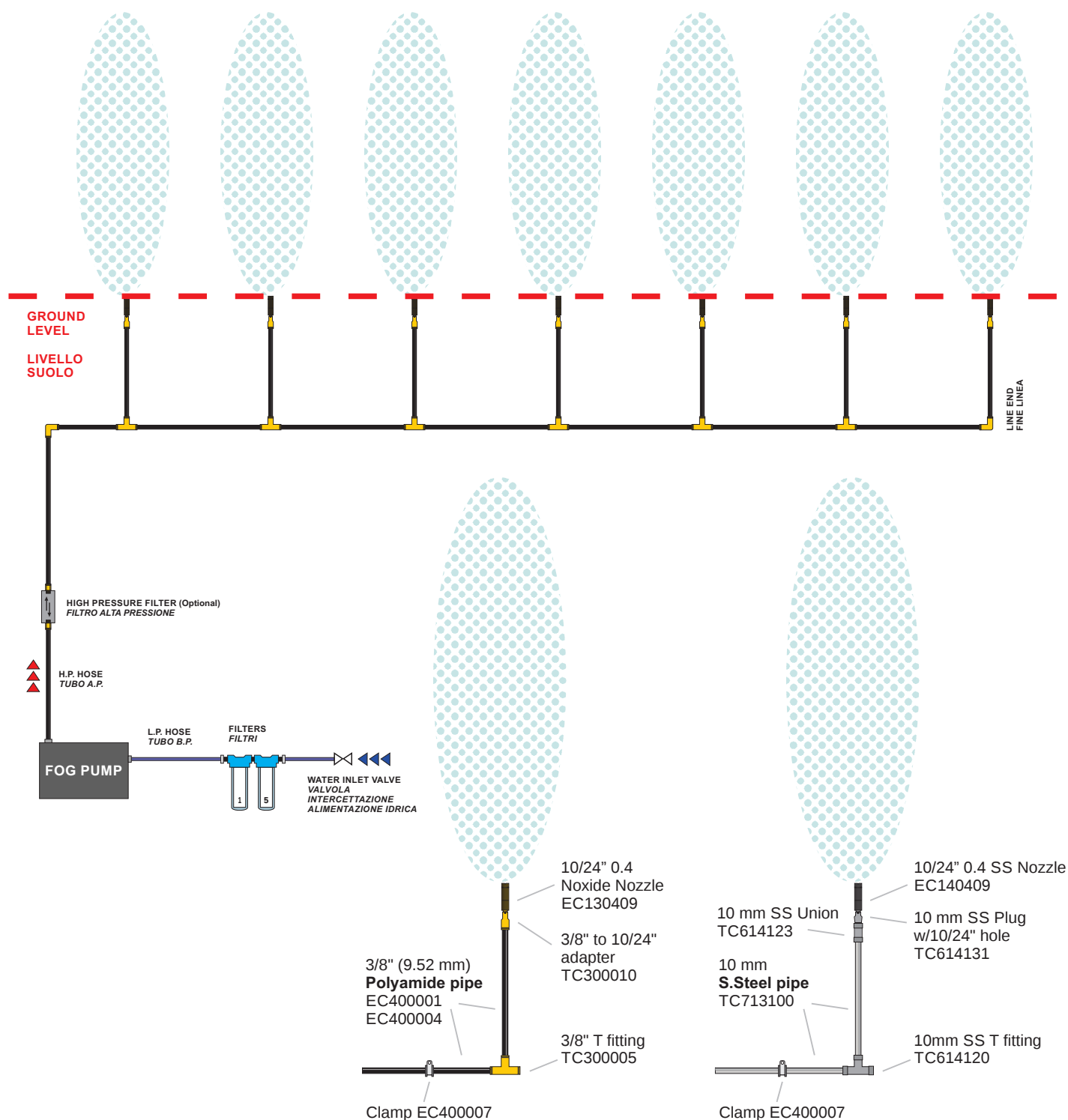


- 1) Fans should be mounted 9.5 meters far from each other
- 2) Fans must be mounted at 240/300 cm. height from floor

- 1) La distanza consigliata tra i ventilatori è di 9.5 mt.
- 2) Montare i ventilatori a parete ad una altezza compresa tra 240 e 300 cm. dal suolo

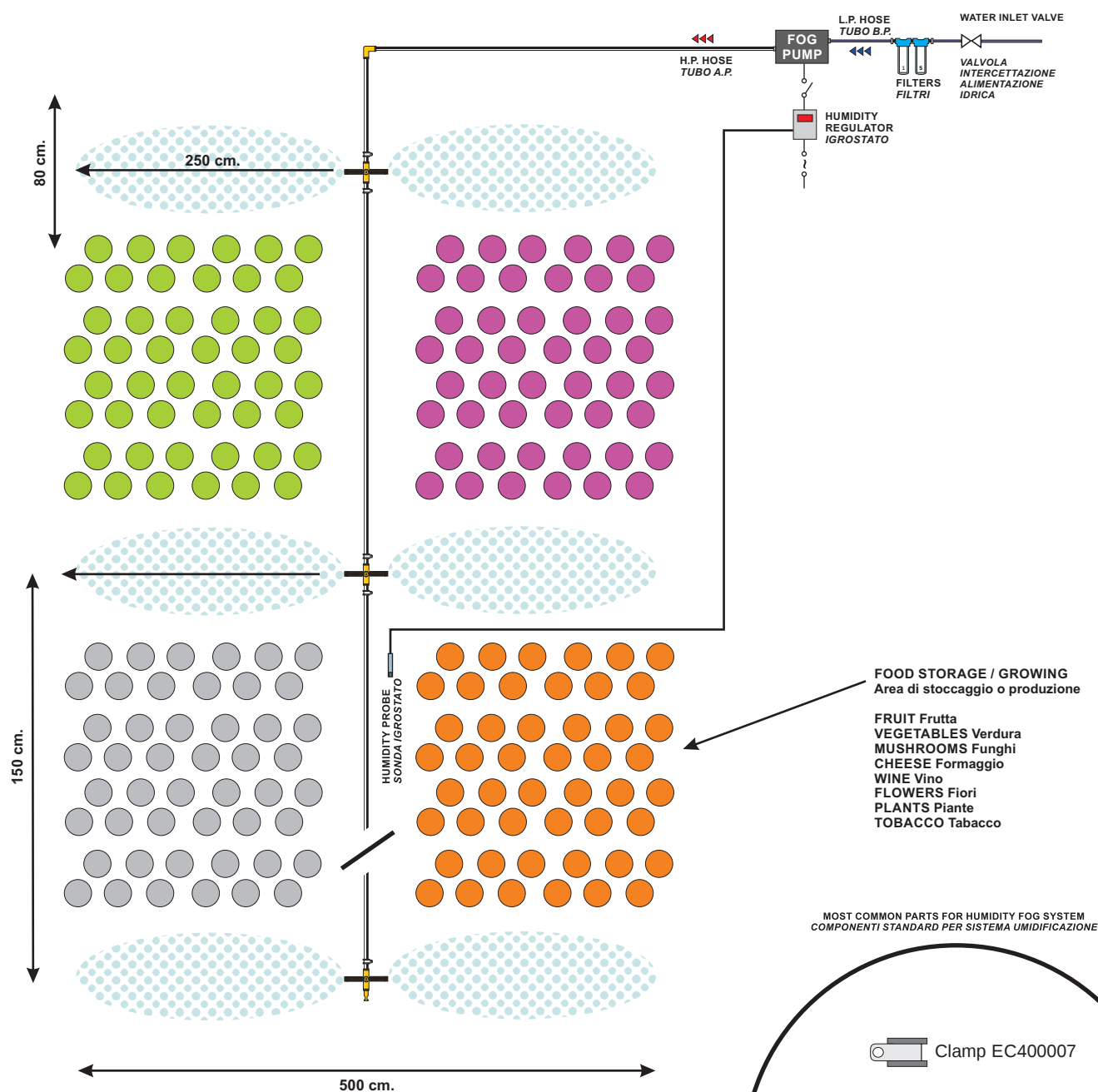


Mounting layout example  
Fountain with single nozzles  
*Esempio di installazione  
fontana con ugelli singoli*

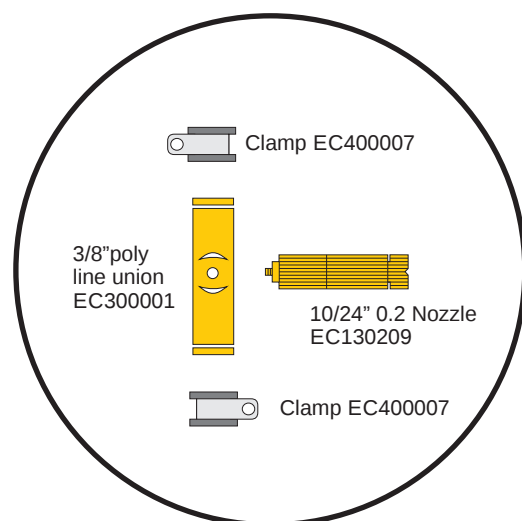


Mounting layout example  
Humidification polyamide pipes line  
Requires: TIME + Humidity Controller or HT pump

Schema esemplificativo di installazione  
Sistema di umidificazione in linea polyamide  
Necessita: pompa serie TIME + Igrostat o HT

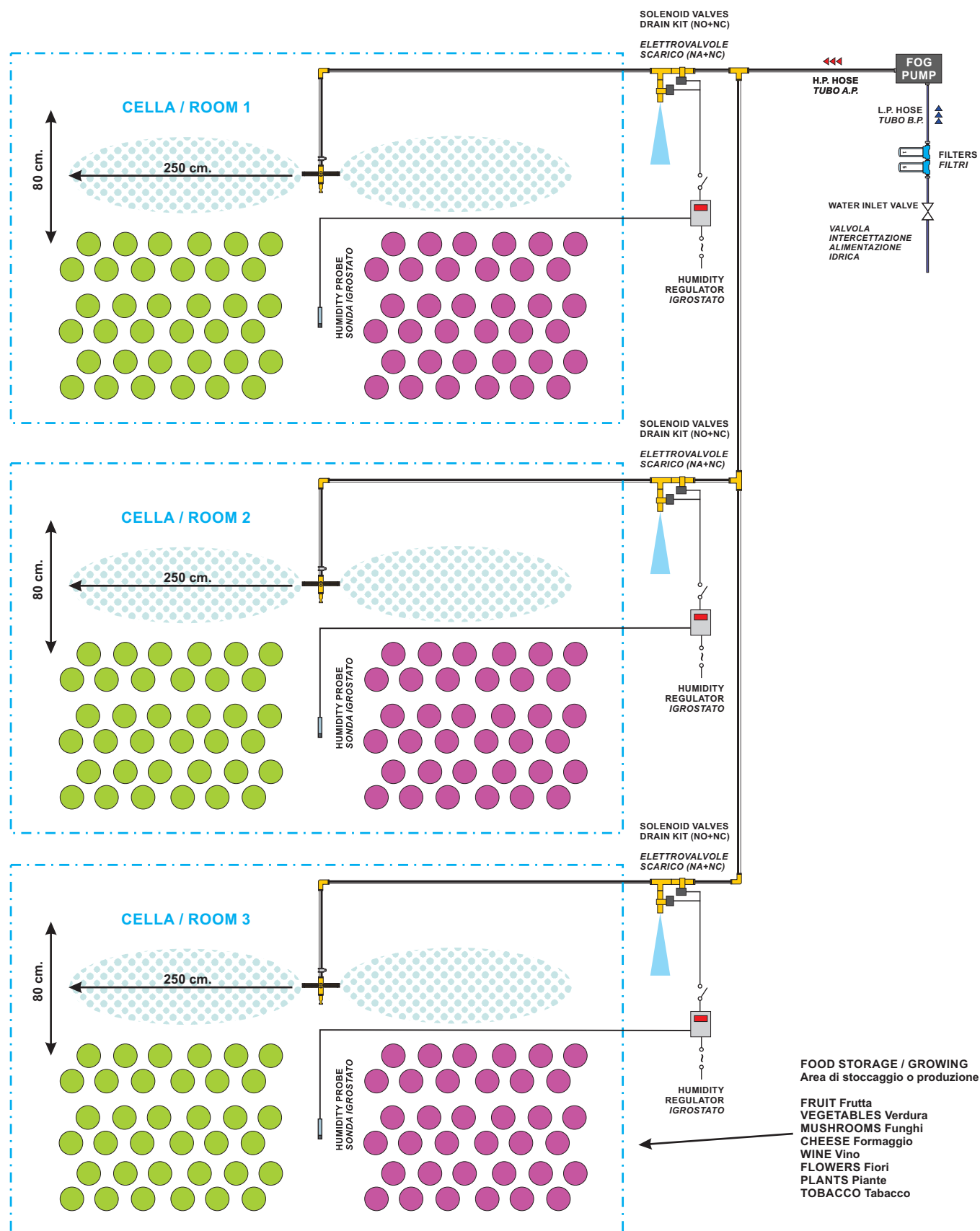


MOST COMMON PARTS FOR HUMIDITY FOG SYSTEM  
COMPONENTI STANDARD PER SISTEMA UMIDIFICAZIONE



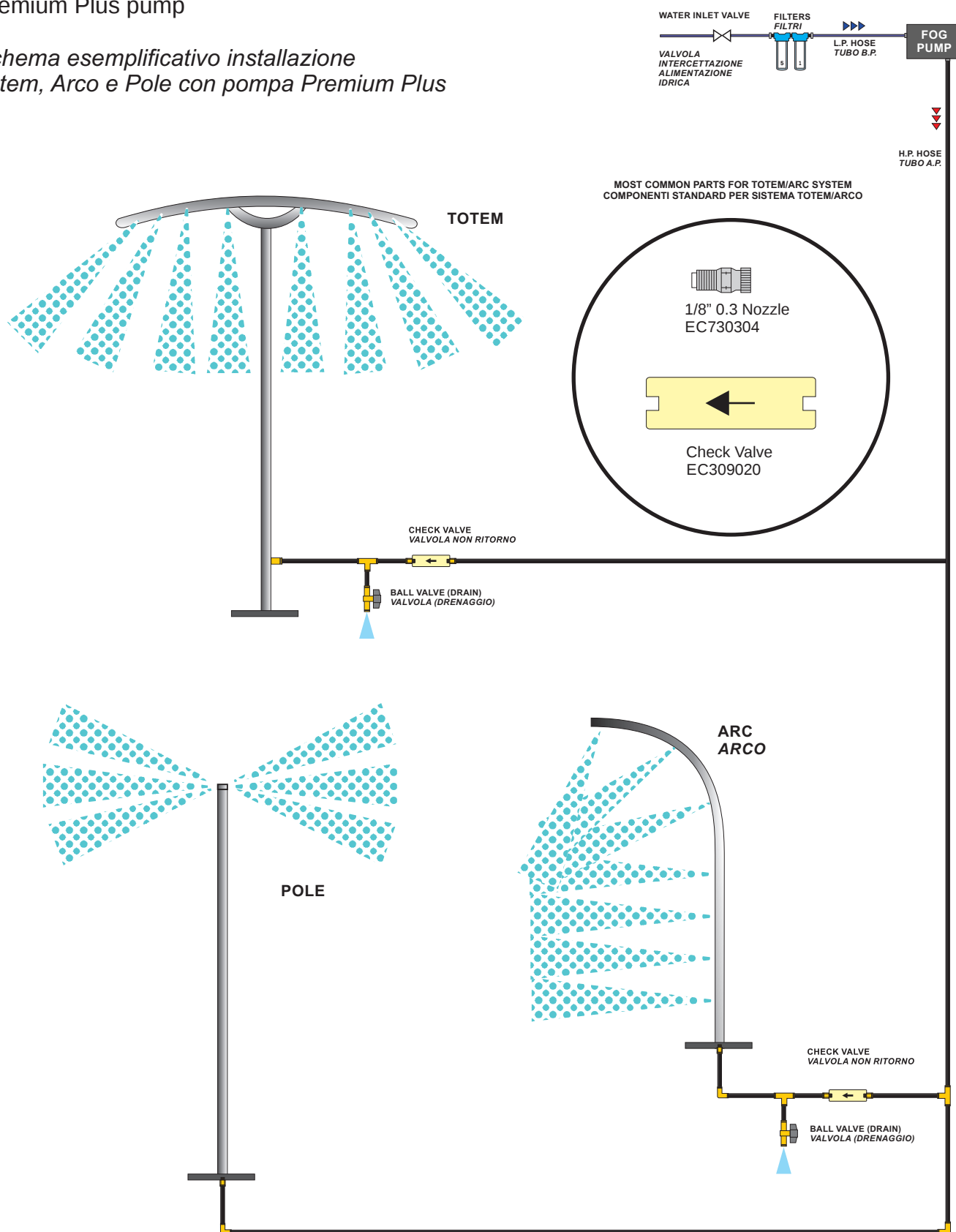
Mounting layout example with multiple  
humidification polyamide pipelines  
Requires: VAR pump + Humidity Controllers

Schema esemplificativo di installazione  
Sistema di umidificazione con linee multiple  
Necessita: pompa serie VAR + Igrostatì

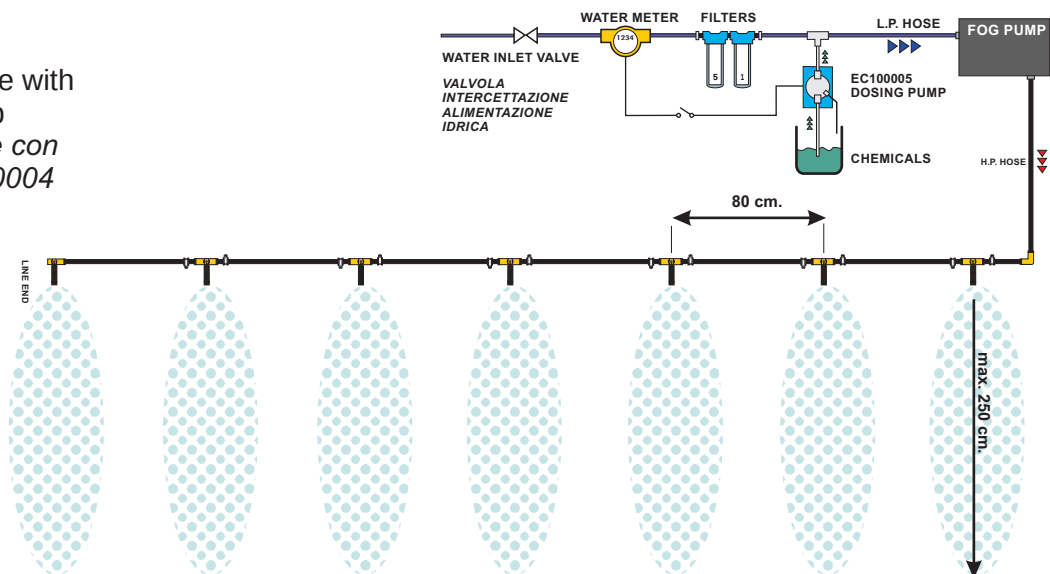


Mounting layout example  
Totem, Arc and Pole with  
Premium Plus pump

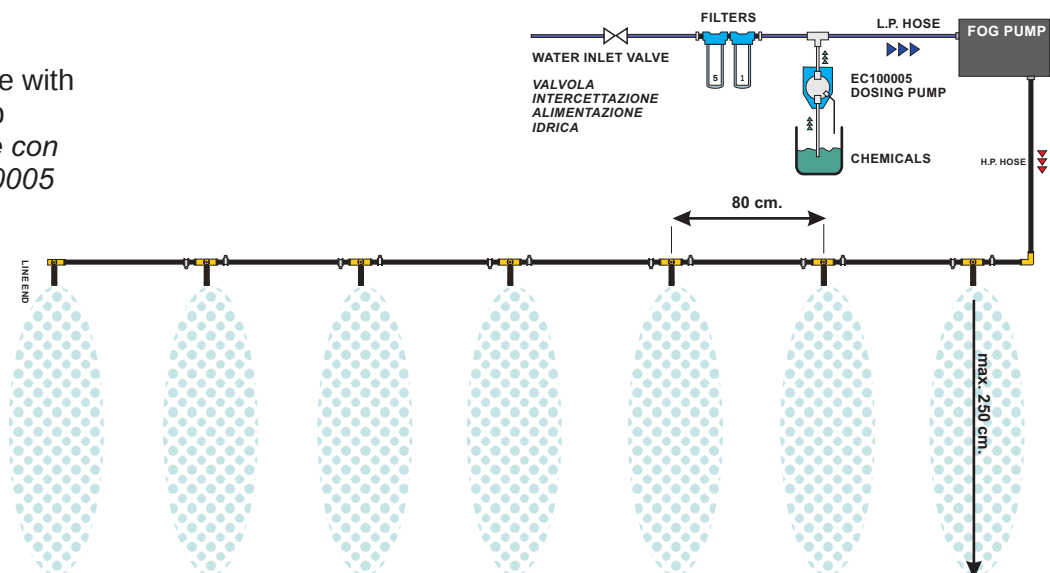
*Schema esemplificativo installazione  
Totem, Arco e Pole con pompa Premium Plus*



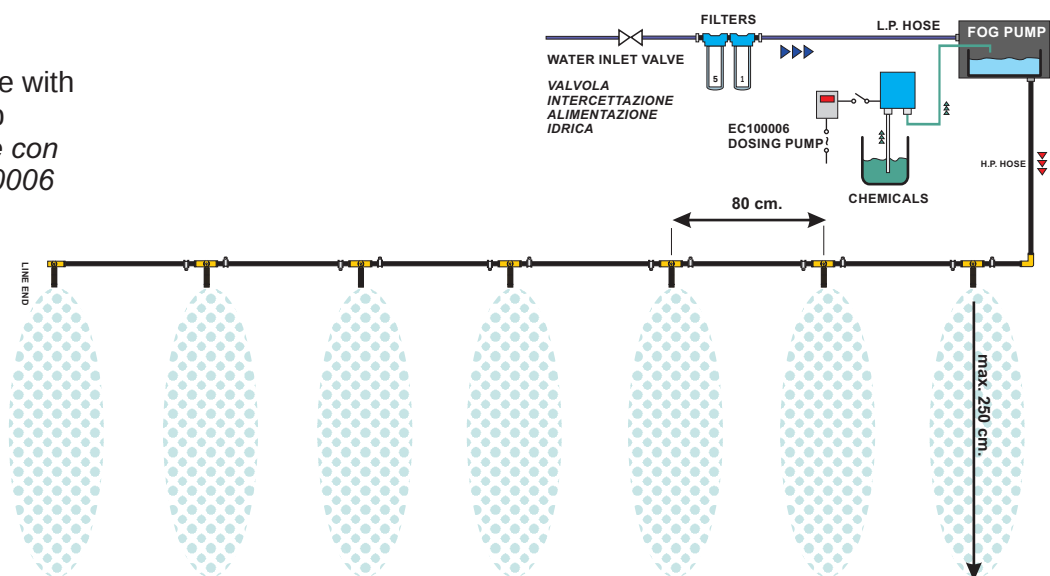
Mounting layout example with  
EC100004 dosing pump  
*Esempio di installazione con  
pompa dosatrice EC100004*



Mounting layout example with  
EC100005 dosing pump  
*Esempio di installazione con  
pompa dosatrice EC100005*

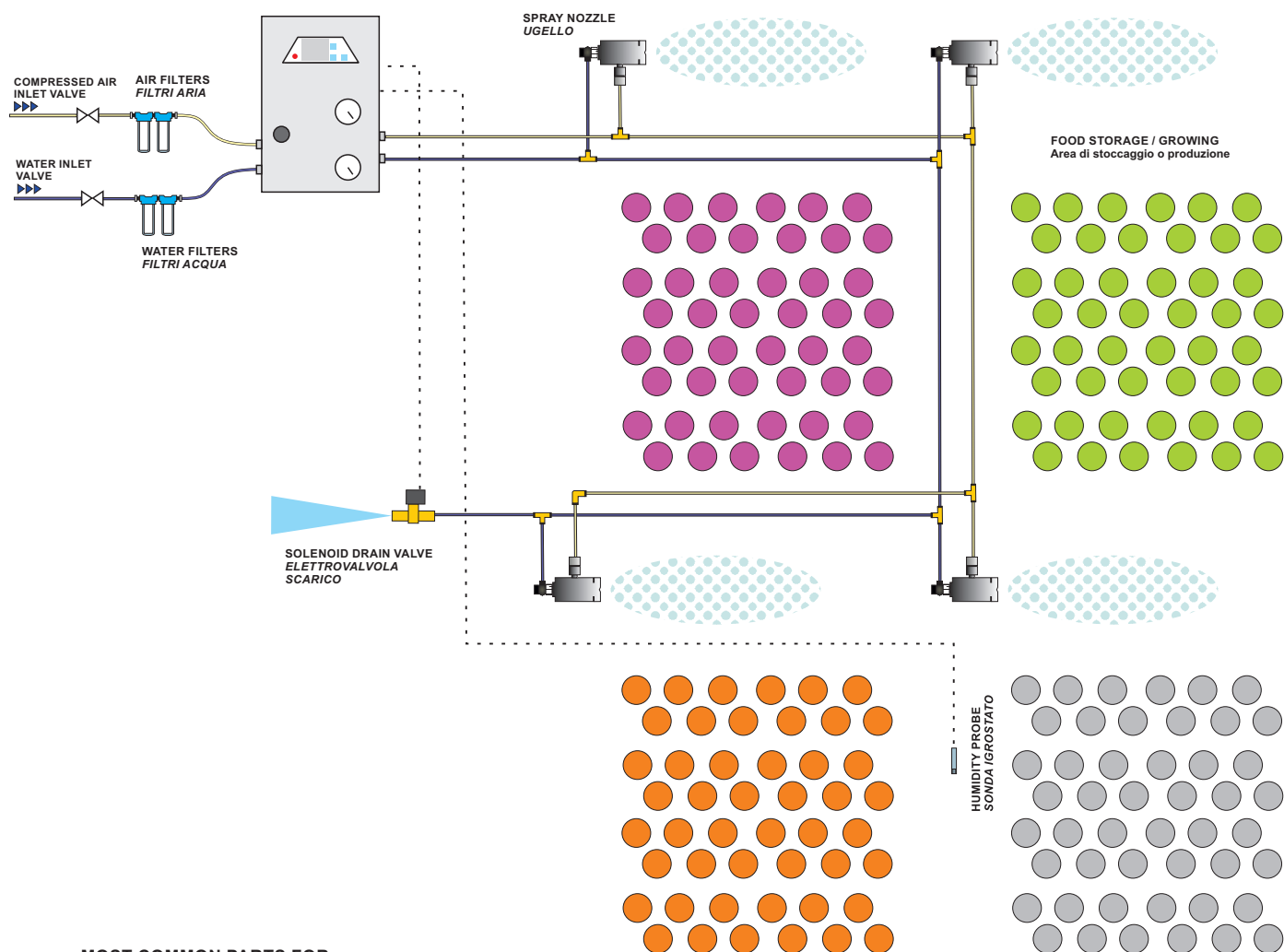


Mounting layout example with  
EC100006 dosing pump  
*Esempio di installazione con  
pompa dosatrice EC100006*



Mounting layout example  
AIRMIST humidification system  
Air/Water humidifier + Humidity Probe required

Schema esemplificativo di installazione  
Sistema di umidificazione AIRMIST  
Necessita: Umidificatore aria-acqua + Sonda RH%



#### MOST COMMON PARTS FOR HUMIDITY FOG SYSTEM

#### COMPONENTI STANDARD PER SISTEMA UMIDIFICAZIONE

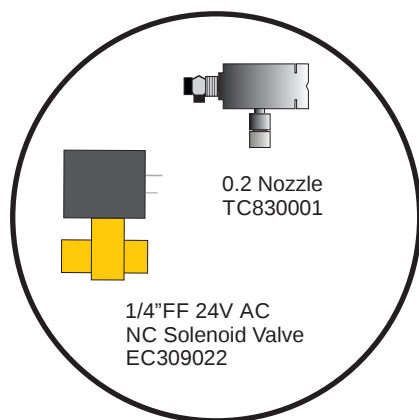


Tabella: Portata (LPM) (GPH) alle pressioni indicate (BAR) (PSI) ugello tipo HR-NOZZLE2  
Table: Flow rate (LPM) (GPH) versus operating pressure (BAR) (PSI) with HR-NOZZLE2

| Water pressure<br>Pressione acqua<br>BAR / PSI | Air pressure<br>Pressione aria<br>BAR/PSI | 2/29  | 3/43.5 | 4/58  | 5/72.5 | 6/87  |
|------------------------------------------------|-------------------------------------------|-------|--------|-------|--------|-------|
| 2 / 29                                         | LPM                                       | 0.075 | 0.057  | 0.025 | 0.013  | 0.005 |
| 2 / 29                                         | GPH                                       | 1.189 | 0.903  | 0.396 | 0.206  | 0.079 |
| 3 / 43.5                                       | LPM                                       | 0.090 | 0.075  | 0.052 | 0.027  | 0.010 |
| 3 / 43.5                                       | GPH                                       | 1.427 | 1.189  | 0.824 | 0.428  | 0.159 |
| 4 / 58                                         | LPM                                       | 0.118 | 0.110  | 0.094 | 0.078  | 0.058 |
| 4 / 58                                         | GPH                                       | 1.870 | 1.744  | 1.490 | 1.236  | 0.919 |

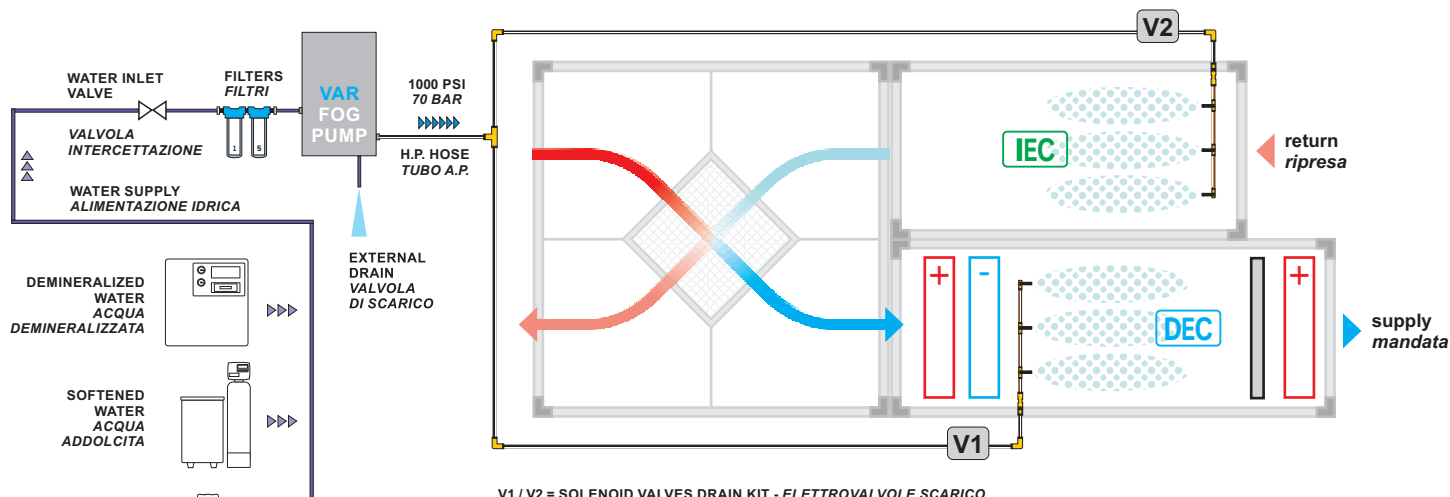
\* measurement accuracy  $\pm 10\%$  - \* precisione di misura  $\pm 10\%$

AHU Mounting layout example with  
POLARIS LSP or MISTMATIC pump

Schema installazione tipica in UTA  
con pompa POLARIS LSP o MISTMATIC

DEC: Humidification / Direct Evaporative Cooling + IEC: Indirect Evaporative Cooling

DEC: Umidificazione / Raffrescamento Adiabatico Diretto + IEC: Raffrescamento Adiabatico Indiretto

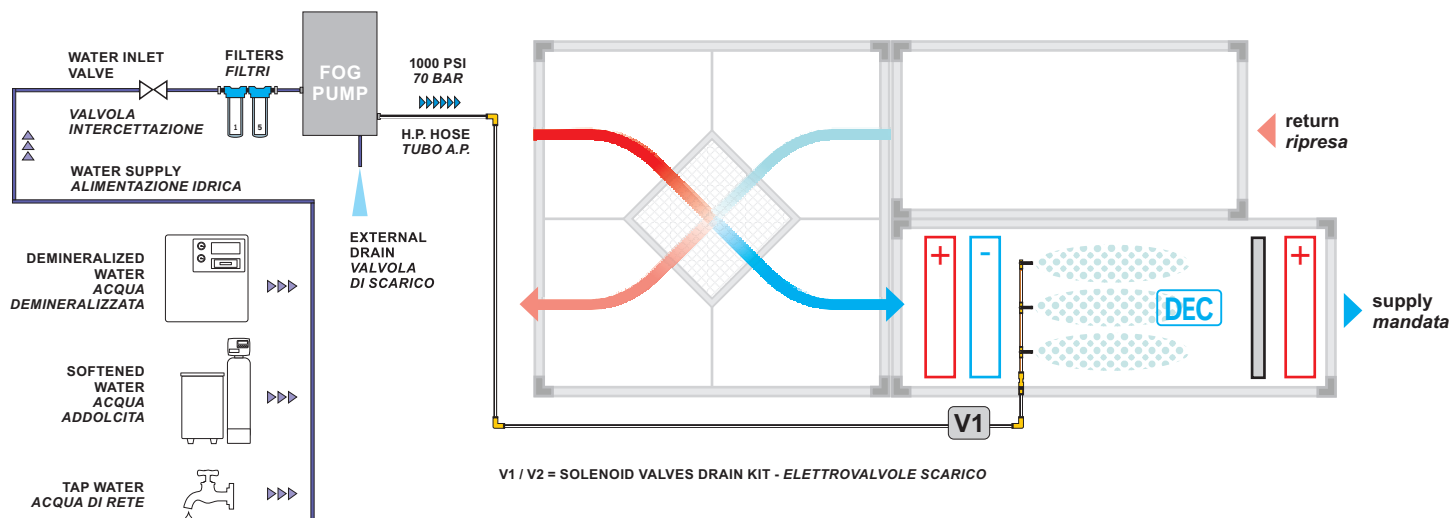


AHU Mounting layout example with  
EVOLUTION or PREMIUM PLUS pump

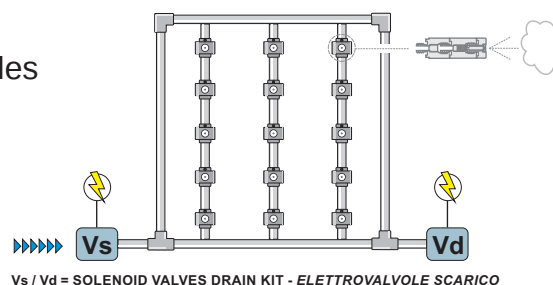
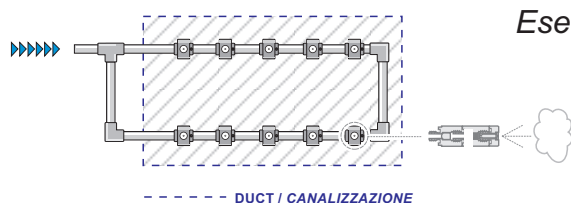
Schema installazione tipica in UTA  
con pompa EVOLUTION o PREMIUM PLUS

DEC: Humidification / Direct Evaporative cooling

DEC: Umidificazione / Direct Evaporative cooling



Nozzle RACK examples  
Esempi LINEE ugelli



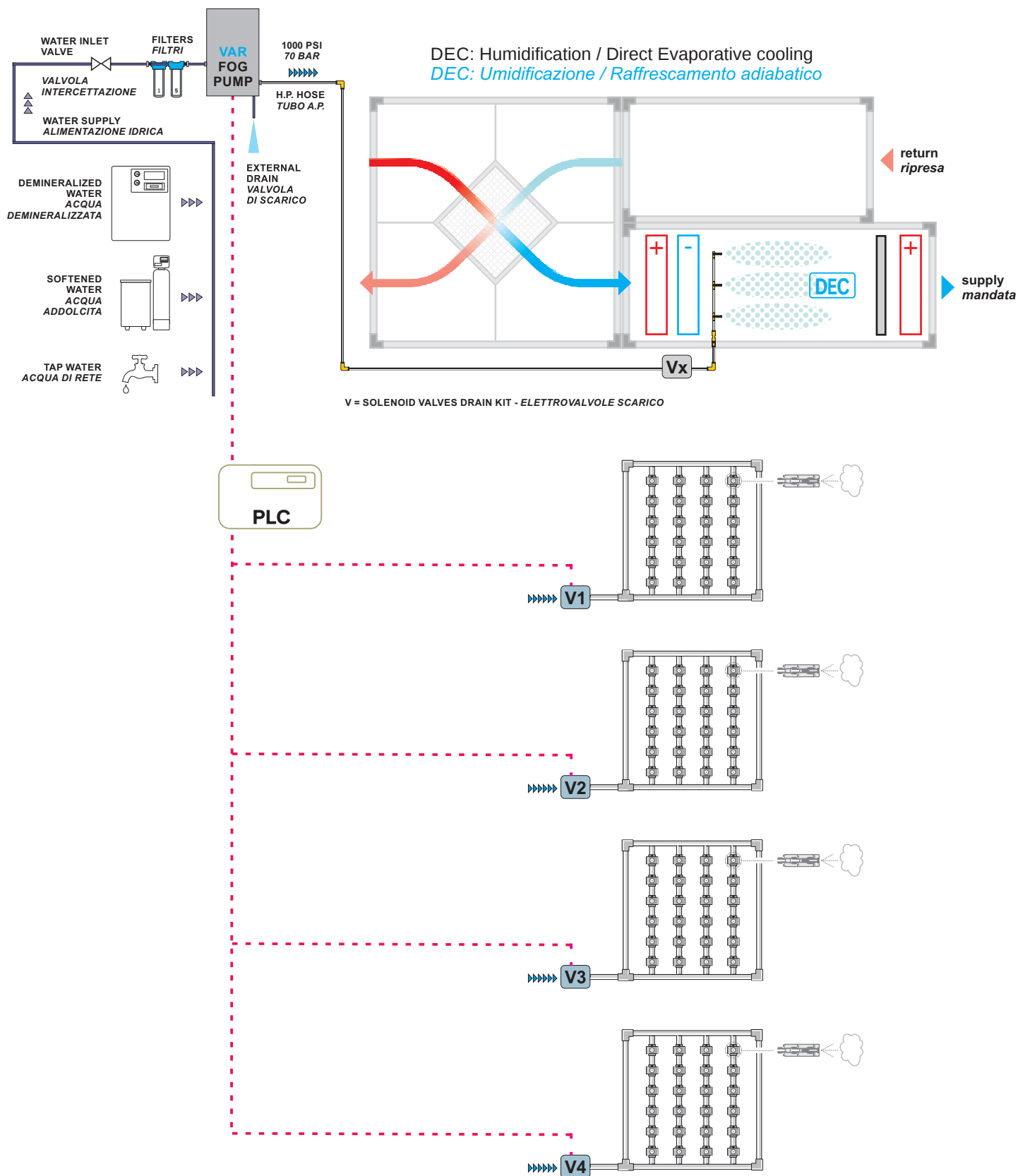
## TC4-RACK

sistema controllo rampe



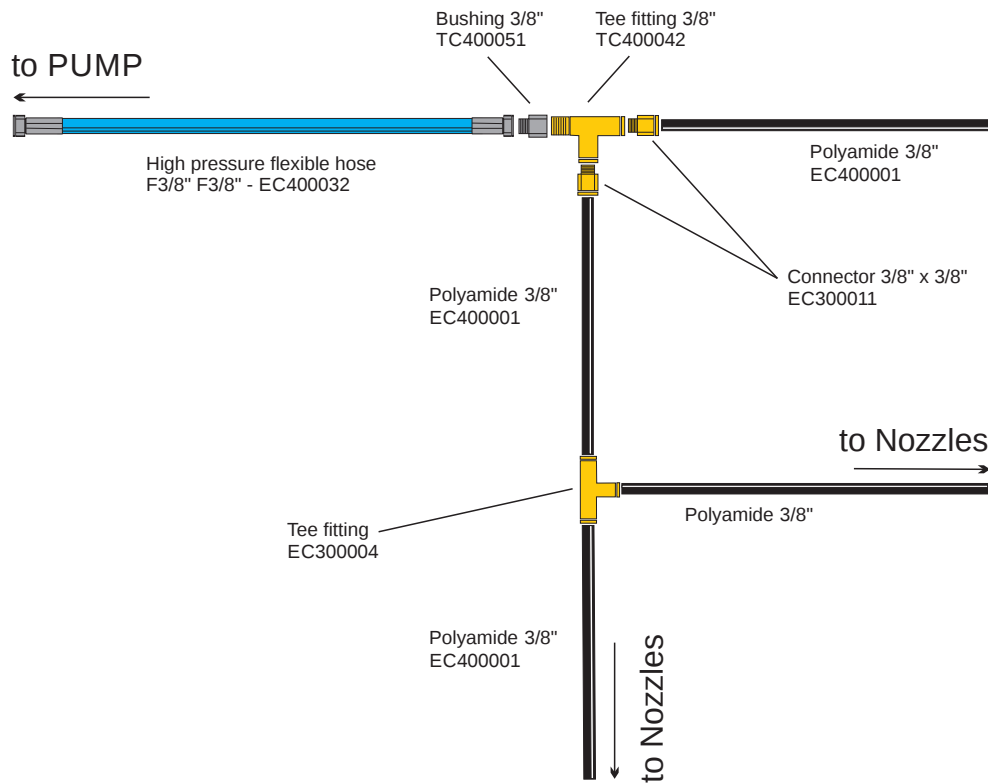
AHU Mounting layout example with  
NT-FOG VAR / PLC / TC4-RACK control software

*Schema installazione tipica in UTA  
con pompa NT-FOG VAR / PLC / software TC4-RACK*



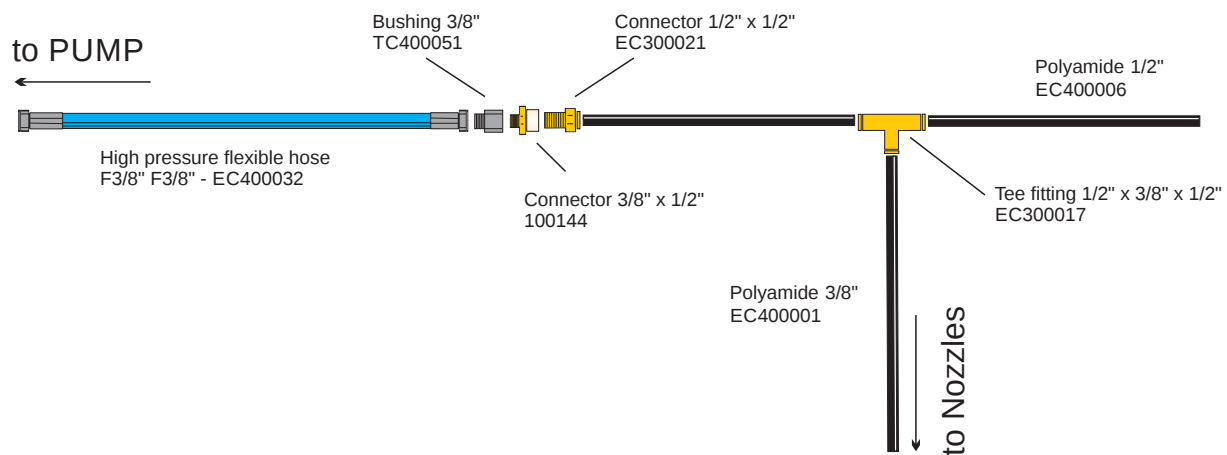
Mounting layout example  
**NT-FOG OUTLET Connections**  
 up to 21 lpm to two lines 3/8"

*Schema esemplificativo di installazione*  
**Tubo in USCITA NT-FOG fino a 21 l/min**  
 su due linee 3/8"



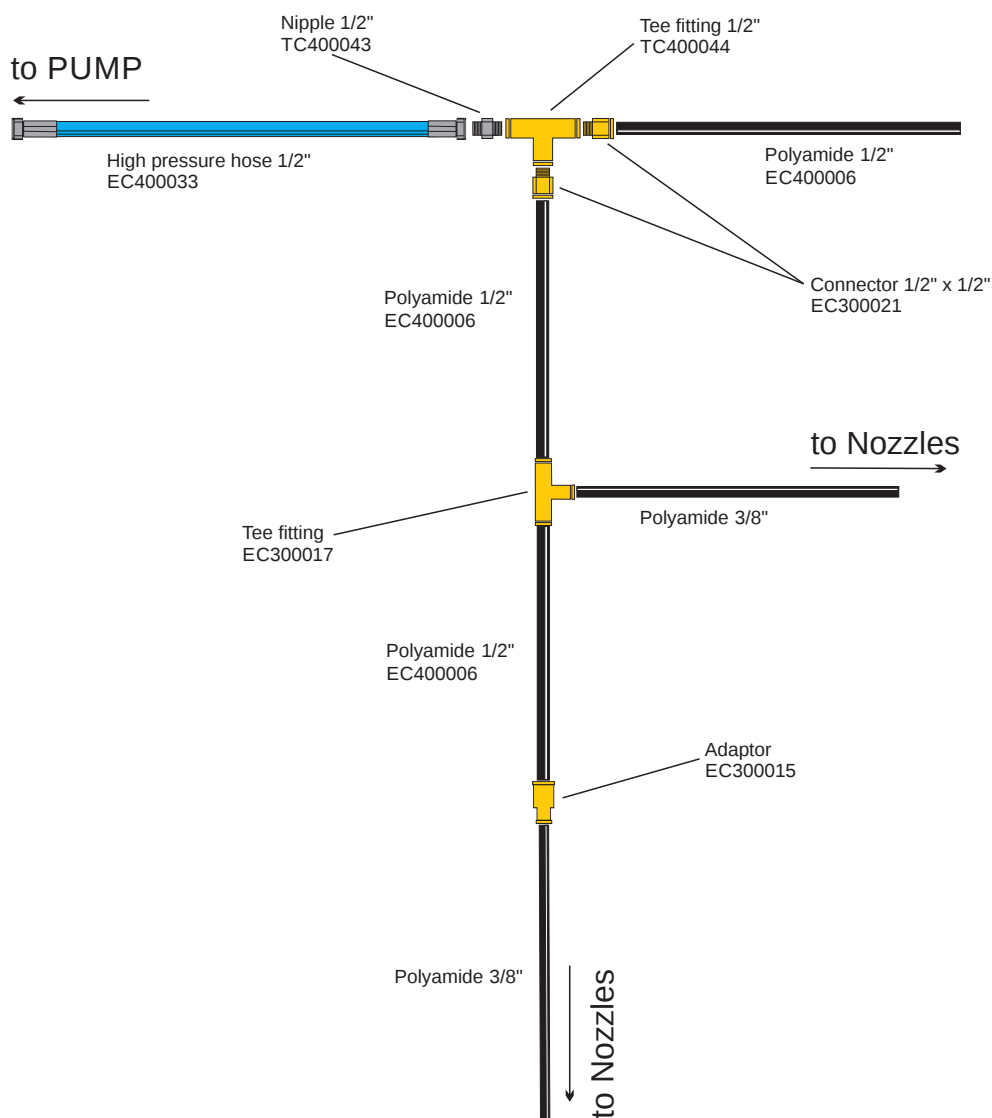
Mounting layout example  
**NT-FOG OUTLET Connections**  
 up to 21 lpm to one line 1/2"

*Schema esemplificativo di installazione*  
**Tubo in USCITA NT-FOG fino a 21 l/min**  
 su una linea 1/2"



Mounting layout example  
**NT-FOG OUTLET Connections**  
 over 21 lpm to two lines 1/2"

*Schema esemplificativo di installazione*  
**Tubo in USCITA NT-FOG oltre 21 l/min**  
 su due linee 1/2"



## Sales conditions

### Condizioni di vendita



Per la versione italiana:  
[www.tecnocooling.com](http://www.tecnocooling.com)

#### 1. ENFORCEMENT OF GENERAL TERMS AND CONDITIONS OF SUPPLY

Every contract between TecnoMec Srl (the Supplier) and a customer (the Customer) for the supply of TecnoMec's products or services (the Product) shall be regulated by these general terms and conditions (the Conditions), if not differently agreed between the parties, that will be considered accepted by the Customer, even if different from his general or particular conditions of purchasing on which prevail.

Issuing the order or accepting the offer, even if only by conclusive behaviour, the Customer declares to be aware of the present Conditions that will be joint to the offer. Different particular conditions inserted in the Offer shall prevail on the Conditions.

Execution of orders doesn't mean acceptance of Customer's General Terms and Conditions of Purchase that needs express signature to be accepted.

The Supplier maintains the right to modify the present Conditions, sending the variations to the Customer. The variations are considered accepted by the Customer if not rejected in fifteen days after the receiving. Every behaviour, also repeated, of one of the parties not conform to the Conditions would not be prejudicial for the other party's request to apply them.

#### 2. OFFER AND ORDER CONFIRMATION

The offers, based on the necessities expressed by the Customer orally or by written during the meetings with the Supplier, have a 30 days validity, except different indications reported in the Offer. Subsequent offers cancel and substitute precedent offers related to the same goods and services.

The order must be considered binding only if confirmed by written by the Supplier. The Supply would be made according to the conditions reported on the order confirmation. Every modifications on Product's features, quantities, prices, delivery time must be agreed by written between the parties.

#### 3. PRICES AND PAYMENT CONDITIONS

3a. All the prices indicated on general or particular offers don't include delivery costs, IVA excluded. All the prices can change, elapsed validity terms, depending to new market conditions.

3b. The payment must be done on terms agreed. Way of invoicing and payment are indicated in the offer or in the order confirmation.

3c. Late on payments cause the starting of delay interests and penalties equal to official discount rate increased of three percentage points, starting from the day after the payment date.

If the Customer doesn't respect terms and conditions of payment, the Supplier is exempt from the duty of delivery and can ask in advance the payment of the entire credit.

If the default continue for over fifteen days from the maturity, the Supplier has the right to rescind the contract sending to the Customer a registered mail, interests and major damages excepted.

3d. Supplier's default doesn't allow the Customer to delay payments.

#### 4. DELIVERY TIME

4a. Delivery times are indicated in the offer and are expressed in working days starting from order's acceptance.

4b. Delivery terms are only presumed, can be extended and they don't oblige the Supplier to respect them, if not expressly agreed.

No indemnity shall be given for eventual direct or indirect damages due to deliveries delay or to total/partial resolution of the supply.

Eventual delay on the delivery shall be communicated three days before the preview delivery date and it doesn't allow the Customer to cancel the order.

Partial or anticipated deliveries are allowed.

4c. If the delivery is delayed because of Customer's action/omission, it shall be established an adjournment of delivery time. If the parties agree modifications on products during the execution of the order, the modifications shall be approved by written and the delivery date shall be changed.

4d. Penalties for late deliveries shall not be accepted. If the parties establish by written such penalties, these shall be applied only if: 1) the payment are regular, 2) the Customer hasn't required substantial modifications, 3) Projects, drawings or documents submitted to the Customer have been approved in no more than three days.

Penalties shall not be applied if the delay depends on Force Majeure causes.

4e. If the Customer, informed that the goods are ready, don't withdraw them, he must do all the payments related to the delivery, even if the goods have not been delivered. The Supplier will store the goods at customer's risk and expenses.

#### 5. COMPONENTS

If there are problems in finding electronic components for a production batch, the Supplier shall immediately inform the Customer and, if required by written, search to buy them from channels alternative to distribution. The Customer shall authorize, by written, also from the technical point of view, the use of the alternative component found. The Supplier discharge all responsibilities, defects due to the use of the alternative components authorized by the Customer.

#### 6. PACKAGING

The prices indicated on the price list are referred to naked goods. The prices reported in the offer and in the contract are inclusive of packaging in order to avoid damages on goods, in relation to normal condition of transport and to the destination agreed in the contract.

#### 7. TRANSPORTS

If in the offer or order confirmation, a specific clause about transports is not included, the supply is be considered EXW.

Goods transported by Supplier's vehicles are not insured and the Supplier shall not, in any case, indemnify the Customer.

Goods travel always on Customer's risk, even if insured. Damage recovery shall be always on Customer's charge.

#### 8. WARRANTY

8a. the warranty period is 12 or 24 months, starting from the delivery to the Customer. The period during which the warranty is in effect will depend upon the product to which it relates (see product literature). The defects shall be communicated to the Supplier in no more that eight days from the discovery.

The warranty concerns only ascertained defects of the Product due to the manufacturing activities done by the Supplier.

The Supplier shall not be responsible for any defect due to wrong/incomplete information given by the customer or to faults in the project realized by the Customer.

## Sales conditions

### Condizioni di vendita



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8b. The warranty is limited to the repairing or substitution of defective parts for ascertained production defects, all other direct or indirect damages shall not be indemnified. The warranty doesn't cover products that have been tampered or used incorrectly. Damages due to the shipping are not warranted and will be on Customer's charge. Repairing activities shall be made at Supplier's factory, after having ascertained that the guarantee can be applied. All transports, packaging, insurance expenses are on Customer's charge. The Supplier's technicians, during warranty period, can also repair the goods directly where are installed, but the Customer shall pay travel and accommodation expenses and labor costs.

8c. The existence of defects on Products doesn't allow the Customer to delay the payments.

The warranty shall not apply if payments are delayed. Other conditions applies, see our website for more warranty details.

#### 9. CLAIMS

Claims connected with the product supplied will be analyzed only if communicated by written with registered letter sent to the seat of the Supplier within 10 days from the receiving of the ordered goods.

Claims regarding the quality of the good/services supplied shall not be judicially solved if the good/services have not been paid. The customer cannot lay any claim for accruing damage, or damages occurred to people/objects or loss of profit if it cannot be identified a gross negligence of the Supplier.

#### 10. RETURNED GOODS

A Product, to be returned, must be identified by A.R. code ( authorization to return), that shall be given by the Supplier if required by the Customer. The request of A.R shall be made through a specific form. The product shall return carriage free, in the original packaging, to the operative seat of the Supplier that will be communicated jointly to A.R. number. In the delivery documents shall be indicated the A.R. number and number and date of the Supplier delivery note. The goods returned in unfit or damaged packaging will be returned.

#### 11. RESPONSIBILITY

By signing the contract the Customer declares to be aware of any legal limitation or security rules that refers to the use of the ordered goods, included eventual conflicts with CE rules. Supplier's responsibility for the infringement of law rules or safety rules or CE-EMC compatibility is excluded. Every direct or indirect damages, caused to people, things or animals by the use of goods supplied, not conform to law or operative rules, shall not be indemnified. The Supplier shall no be considered responsible for the loss of profit or any direct or indirect damage caused by the use or the defective functioning of the goods supplied.

#### 12. RESOLUTION OF THE CONTRACT

If the Customer doesn't respect one or more clauses of these Conditions or special terms established for the supply, the Supplier can stop the production and cancel future supplies. The contract shall also be resolved if the commercial capability of the Customer changes, as in case of insolvency, bankrupt and judicial administration.

#### 13. MODIFICATIONS

Costs arising from modifications to the products required by the Customer, for example related to components that cannot be used for a different production or to alteration to the cost of components or manufacturing, shall be entirely sustained by the Customer.

#### 14. CANCELLATION OF THE ORDER

The Customer can cancel an issued order telling his intention to the Supplier by fax or registered letter within five days from the issuing of the order. On the contrary, the Customer will be obliged to pay the entire amount of the order or of the produced goods or of the materials that have been already bought.

#### 15. CONFIDENTIALITY

All dates, technical and commercial information, materials, prototypes, process (jointly defined as Confidential Information) of the Supplier, that the Customer has acquired during the contractual relationship, must be maintained strictly confidential.

The Customer shall not disclose to third people these Information and shall not use them for non-contractual claims.

The Customer will be responsible also for his employees, collaborators and partners.

#### 16. IP RIGHTS

All Supplier's intellectual property rights shall remain its exclusive property.

#### 17. JURISDICTION

Competent law court is only Reggio Emilia Court of Justice. Applicable law is the Italian Republic Law.

I dati tecnici e le caratteristiche estetiche dei prodotti possono essere oggetto di modifiche senza preavviso.

Products design and specifications may be subject to change at any time without prior notice.

Des modifications techniques et esthétiques des produits peuvent être apportées sans préavis.

Reservado el derecho de cambiar el diseño y las características técnicas de los productos sin previo aviso.

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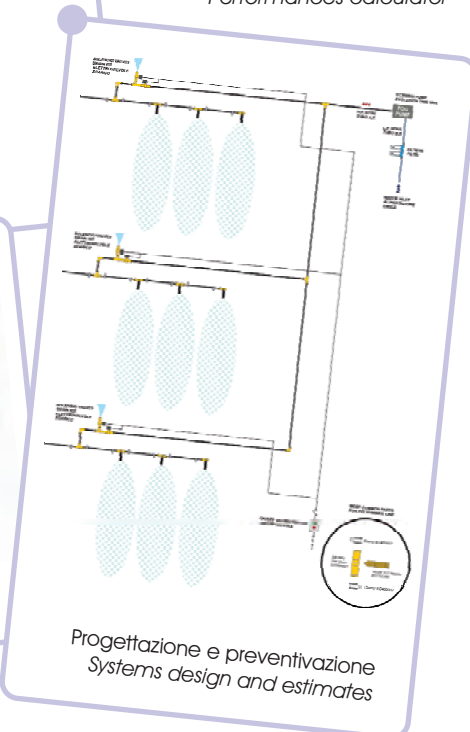
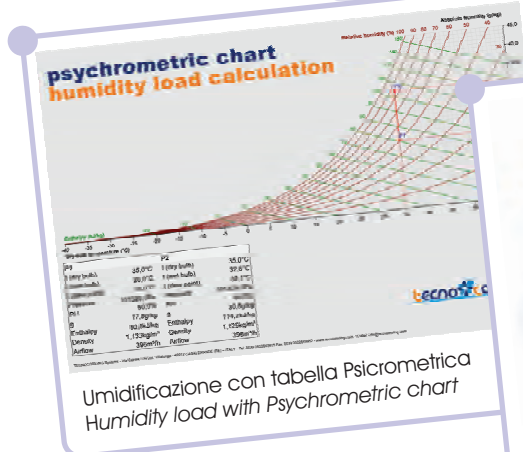
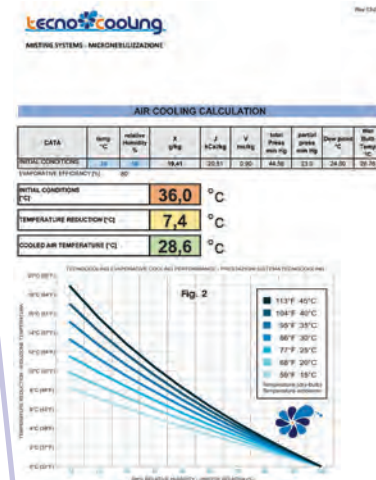
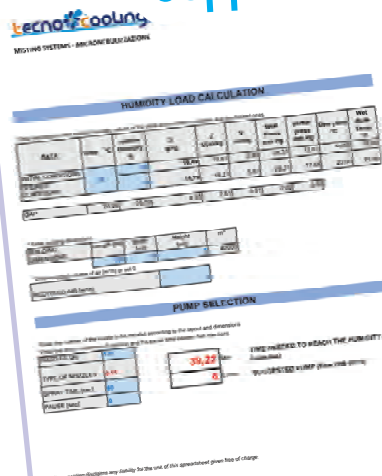
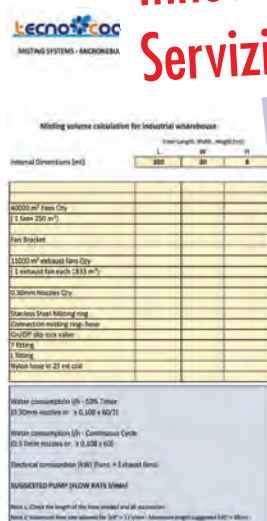
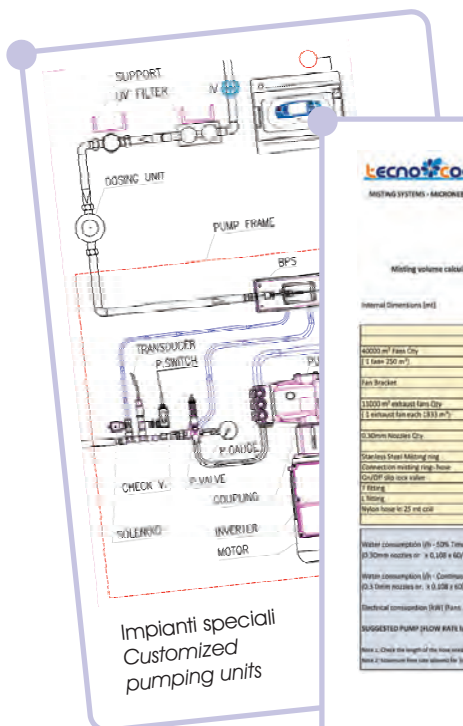
# Software, progettazione, formazione

## Software, calculators, project management and training



**Know-How  
Innovazione  
Servizio**

**Know-How  
Innovation  
Support**



### I NOSTRI SERVIZI

**IT** - Siamo un'azienda manifatturiera e di ingegneria in grado di offrire una consulenza globale a 360°. Abbiamo una vasta competenza, grazie al talento professionale, alla presenza sul territorio ed alle risorse impiegate, per offrire ai nostri clienti servizi integrati che stabiliscono nuovi standard di qualità, valore, rapidità, ed efficienza. Trasferiamo il nostro know-how a tutti i progetti condividendo soluzioni collaudate in tutto il mondo.

- calcolo umidificazione e prestazioni climatiche
- consulenza, progettazione e design dei sistemi, preventivi
- corsi di formazione (manutenzione, vendite, calcolo e progettazione)

### OUR SERVICES

**EN** - As a global, full-service consulting, engineering and manufacturing company, we have the breadth of capabilities, professional talent, universal reach and capital necessary to offer our clients fully integrated services that set new standards in quality, value, timeliness and cost-efficiency. We transfer know-how to all of our projects by sharing proven solutions from around the world.

- humidity load and air conditioning performances calculation
- consulting, projects and systems design, estimates
- training courses (maintenance, sales, design)

## FOG NOZZLES FLOW RATES TABLE

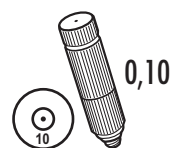
### TABELLA PORTATE UGELLI NEBULIZZATORI

Tested with water under controlled Laboratory conditions and 1 U.S. Gallon = 3.78 Liters approx.  
 \*\*\*Other orifice sizes available on request.

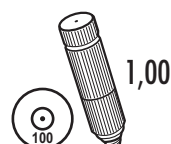
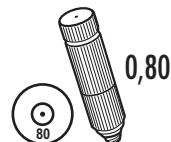
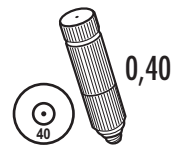
Dati rilevati da test di laboratorio.  
 Conversione 1 U.S. Gallon = 3.78 Litri  
 \*\*\*Ugelli con foro/portata fuori standard su richiesta



Tabella: Portata (GPH) (LPH) (LPM) alle pressioni indicate (BAR) (PSI)  
 Table: Flow rate (GPH) (LPH) (LPM) versus operating pressure (BAR) (PSI)



| ORIFICE<br>DIAMETER | BAR<br>PSI | 3<br>42 | 4<br>56 | 7<br>100 | 10<br>142 | 15<br>213 | 25<br>355 | 35<br>500 | 45<br>640 | 70<br>1000    | 84<br>1200 | 100<br>1420 |
|---------------------|------------|---------|---------|----------|-----------|-----------|-----------|-----------|-----------|---------------|------------|-------------|
|                     |            |         |         |          |           |           |           |           |           |               |            |             |
| .004"/.10 mm        | GPH        |         | --      | --       | --        | --        | 0.24      | 0.28      | 0.29      | <b>0.38</b>   | 0.41       | 0.50        |
|                     | LPH        |         |         |          |           |           | 1.08      | 1.26      | 1.32      | <b>1.74</b>   | 1.86       | 2.28        |
|                     | LPM        |         |         |          |           |           | 0.0180    | 0.0210    | 0.0220    | <b>0.0290</b> | 0.0310     | 0.0380      |
|                     |            |         |         |          |           |           |           |           |           |               |            |             |
| .006"/.15 mm        | GPH        |         | --      | --       | --        | --        | 0.44      | 0.52      | 0.60      | <b>0.73</b>   | 0.80       | 0.93        |
|                     | LPH        |         |         |          |           |           | 1.68      | 1.98      | 2.28      | <b>2.76</b>   | 3.06       | 3.54        |
|                     | LPM        |         |         |          |           |           | 0.0280    | 0.0330    | 0.0380    | <b>0.0460</b> | 0.0510     | 0.0590      |
|                     |            |         |         |          |           |           |           |           |           |               |            |             |
| .008"/.20mm         | GPH        |         | --      | --       | --        | --        | 0.77      | 0.92      | 1.05      | <b>1.25</b>   | 1.55       | 1.60        |
|                     | LPH        |         |         |          |           |           | 2.88      | 3.41      | 3.86      | <b>4.72</b>   | 5.88       | 6.06        |
|                     | LPM        |         |         |          |           |           | 0.0480    | 0.0568    | 0.0643    | <b>0.0787</b> | 0.0980     | 0.1010      |
|                     |            |         |         |          |           |           |           |           |           |               |            |             |
| .012"/.30mm         | GPH        | 0.37    | 0.43    | 0.55     | 0.68      | 0.78      | 1.03      | 1.23      | 1.41      | <b>1.74</b>   | 2.52       | 2.63        |
|                     | LPH        | 1.34    | 1.55    | 2.05     | 2.45      | 3.00      | 3.87      | 4.74      | 5.20      | <b>6.48</b>   | 9.54       | 9.96        |
|                     | LPM        |         |         |          |           |           | 0.0645    | 0.0790    | 0.0867    | <b>0.1080</b> | 0.1590     | 0.1660      |
|                     |            |         |         |          |           |           |           |           |           |               |            |             |
| .015"/.40mm         | GPH        | 0.51    | 0.59    | 0.76     | 0.93      | 1.07      | 1.42      | 1.69      | 1.93      | <b>2.39</b>   | 3.09       | 3.19        |
|                     | LPH        | 1.81    | 2.13    | 2.81     | 3.36      | 4.12      | 5.32      | 6.29      | 7.14      | <b>8.90</b>   | 11.70      | 12.06       |
|                     | LPM        |         |         |          |           |           | 0.0887    | 0.1048    | 0.1190    | <b>0.1483</b> | 0.1950     | 0.2010      |
|                     |            |         |         |          |           |           |           |           |           |               |            |             |
| .020"/.50mm         | GPH        | 0.69    | 0.80    | 1.03     | 1.26      | 1.46      | 1.93      | 2.31      | 2.63      | <b>3.26</b>   | 4.23       | 4.36        |
|                     | LPH        | 2.51    | 2.90    | 3.83     | 4.58      | 5.61      | 7.24      | 8.57      | 9.72      | <b>12.12</b>  | 16.02      | 16.50       |
|                     | LPM        |         |         |          |           |           | 0.1207    | 0.1428    | 0.1620    | <b>0.2020</b> | 0.2670     | 0.2750      |
|                     |            |         |         |          |           |           |           |           |           |               |            |             |
| .030"/.80mm         | GPH        |         |         |          |           |           |           |           |           | <b>4.43</b>   |            |             |
|                     | LPH        |         |         |          |           |           |           |           |           | <b>16.80</b>  |            |             |
|                     | LPM        |         |         |          |           |           |           |           |           | <b>0.2800</b> |            |             |
|                     |            |         |         |          |           |           |           |           |           |               |            |             |
| .040"/1.00 mm       | GPH        |         |         |          |           |           |           |           |           | <b>7.13</b>   |            |             |
|                     | LPH        |         |         |          |           |           |           |           |           | <b>27.00</b>  |            |             |
|                     | LPM        |         |         |          |           |           |           |           |           | <b>0.4500</b> |            |             |



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