

Pump and Fan Controls



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

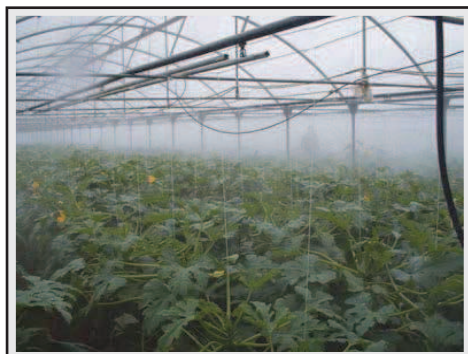
Code	Working Range	V-Hz	A
CS-TC100001	from 5 to 95 % r.H.	230-50	8

IT-PRO series humidity regulators are designed to control TecnoCooling pumps (single-phase or three-phase, max. 8 A). 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.



Humidity regulator - Female socket + Electric cable 2 m. lenght
Professional transducer

Code	Working Range	V-Hz	A
CS-TC100008	from 5 to 95 % r.H.	400-50	8



Pump and Fan Controls



ITTS-PRO-X

Pump and ventilation control board - 230V / 400V

Daily and weekly timer with built-in digital Hygrostat and Thermostat
EC100031 humidity transducer and
EC100032 temperature transducer are sold separately

Code	Working Range	V-Hz	A
CS-EC100021	from 5 to 95 % r.H. from -50 to 200 C	230-50 400-50	8

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, max. 13 A). A secondary output can control ventilation system (single-phase or three-phase, max. 13 A). 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 by means of a digital display. The step of adjustment is 0,1 or 1%RH and °C/°F. Transducers are sold separately.

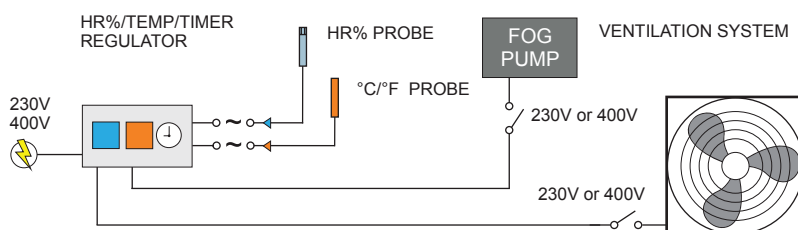
CARATTERISTICHE TECNICHE

- Igrostat a 2 punti di intervento, range programmabile
- Termostato a 2 punti di intervento, range programmabile
- Timer giornaliero (9 programmazioni)
- Timer settimanale
- 2 output indipendenti (pompa/ventilatori)
- 2 ingressi segnale indipendenti (temperatura/umidità)
- Alimentazione e output indipendenti a 230V o 400V

TECNICAL FEATURES

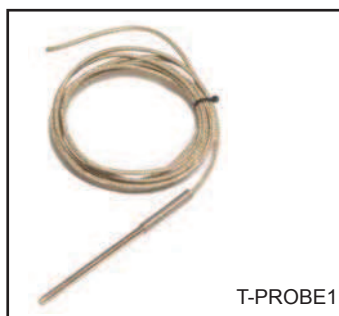
- Hygrostat with two setpoints, adjustable range
- Thermostat with two setpoints, adjustable range
- Daily timer (9 programs)
- Weekly timer
- Two independent outputs (pump/fans)
- Two independent signal inputs (temperature/humidity)
- Power supply and outputs can be wired 230V or 400V

Mounting layout example



Applications

Greenhouses
Livestock
Wineries
Food industry
Industrial humidification



T-PROBE1

Professional Temperatureprobe PT-100

Code	Working Range
CS-TC100032	from 5 to 95 % r.H.
Wires	3



HR-PROBE1

Professional Humidityprobe UR 20mA

Code	Working Range
CS-TC100031	from 5 to 95 % r.H.
Signal	20 mA
Wires	2

Pump and Fan Controls



T2.EXT

External digital timer 230V 50Hz Schuko plug+pin with 2.3 m el. cable. Independent ON/OFF cycles programming from 1second up to 99minutes. Daily and weekly programming, with week-end option (max 9 programs).

Code	Working Range	V-Hz	A
CS-TC100003	1 sec. - 99 min.	230-50	8



T.EXT

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.

Code	Working Range	V-Hz	A
CS-EC100003	1 - 99 min.	230-50	8








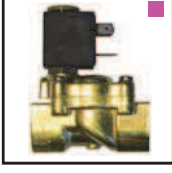


KIT.DRAIN

Automatic drain solenoid valves KIT (NO + NC) - 230V 50Hz. It allows to automatically drain a pipeline by means of an humiditycontroller

Code
CS-EC309031



Accessories and Spare Parts

	Code	Description
	CS-EC309002	Solenoid coil plug C1 version
	CS-EC309006	Solenoid coil plug C4 version
	CS-EC309007	High pressure solenoid valve NC F1/4" F1/4 230V50Hz 80 BAR
	CS-EC309005	High pressure solenoid valve NC F3/8" F3/8" 230V50Hz 100 BAR
	CS-EC309015	High pressure solenoid valve NO F1/4" F1/4" 230V50Hz 60 BAR
	CS-EC309001	Low pressure solenoid valve NC F3/8" F3/8" 230V50Hz 16 BAR
	CS-EC309022	High pressure solenoid valve NC F1/4" F1/4 24V AC 80 BAR
	CS-EC309021	High pressure solenoid valve NC F3/8" F3/8" 24V AC

	Cod.	Description
	CS-EC309020	Stainless steel check valve F 1/4" F 1/4" 400 BAR
	CS-EC309003	Pressure switch 230V 50Hz F 3/8"
	CS-EC500009	High pressure filter 1/4"F x 1/4"F
	CS-EC400030	High pressure hose 1/4" 8 m F22X1,5 F1/4" brass /
	CS-EC400031	High pressure hose 3/16" 2.5 m F1/4" F1/4" brass /
	CS-EC400032	High pressure hose 5/16" 1 m F3/8" F3/8" s.steel /
	CS-EC309010	Digital ON/OFF cyclic timer 230-115V 50-60Hz
	CS-EC100007	VAR pumps programmer