

# WASTE WATER COOLING KIT for **EASYSTEAM** HUMIDIFIERS equipped with “COLD DRAIN ADAPTER”



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Assembly instructions

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**READ AND KEEP**



## 1

## GENERAL INFORMATION

The waste water cooling kit can be installed on ES series models with a 3kg/h and 6kg/h capacity with single-phase power supply, and 6kg/h, 12kg/h, 24kg/h, 48kg/h capacity with three-phases + neutral power supply.

The system allows to obtain a considerable cooling of the humidifier waste water in favor of plants with characteristics not suitable for withstanding high temperatures.

This kit can only be installed on humidifiers which have already mounted the flange for cooled waste water "COLD DRAIN ADAPTER".

## 2

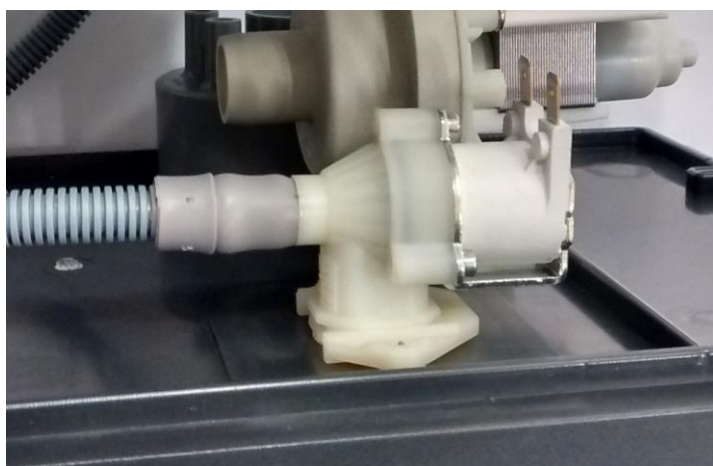
## OPERATING MODE

During the drain phase, a dedicated solenoid valve, which introduces cold water into the exhaust pipes, is activated in parallel with the discharge pump.

## 3

## ASSEMBLY / INSTALLATION INSTRUCTIONS

- **Disconnect the power supply from the humidifier.**
- Uninstall the single solenoid valve installed in the humidifier by disconnecting the 2 power fastons, the water supply pipe that goes to the siphon and unscrewing the 2 screws in the lower part.



- In the double solenoid valve included in the kit, insert the pressure reducer relative to the humidifier size in the outlet without connected pipe:
    - White on 3 – 6 – 12 – 24 kg/h humidifiers
    - Purple on 48kg/h ones
- Press the reducer to make it fit completely.



- Insert the previously disconnected water supply hose to the free outlet of the valve.
- Fix the double valve where the single valve was installed, fixing it with the same screws.

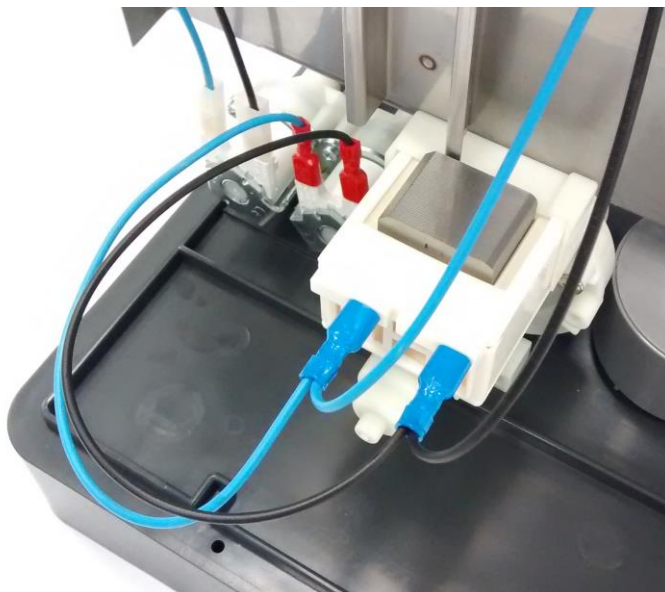


- Insert the supplied clamp at the end of the 90° tube.
- Insert the cooling water pipe into one of the two free tube holders of the flange for cooled waste water.
- Tighten the clamp using a pincer.

- The tube holder that has remained free must not be closed and it can be used for the condensation discharge of ventilation heads or distribution lances, if present.



- Connect the two wires that were connected to the single solenoid valve to the coil to which the humidifier water supply pipe is connected.
- Remove the power supply wires from the pump, cut the two fastons and use the two wires and the two fastons supplied, to connect the other coil in parallel with the drain pump.
- Connect the fastons to the drain pump and the cooling solenoid valve.



## NOTES

[illegible]





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