

COOLING KIT
DRAIN WATER
HUMIDIFIERS
“COLD DRAIN ADAPTER”
EASYSYSTEM



Assembly instructions

READ AND KEEP

1

GENERAL INFORMATION

The drain 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-phase power supply + neutral.

The system makes it possible to significantly cool a humidifier drain water in systems which are not suitable for withstanding high temperatures.

This kit can be installed only on already predisposed humidifiers equipped with a "COLD DRAIN ADAPTER" (flange for cooled drain).

2

OPERATING MODE

During the drain phase, a dedicated solenoid valve that injects cold water into the drain pipes is also operated parallelly to the pump.

3

ASSEMBLY / INSTALLATION INSTRUCTIONS

- Disconnect the power supply from the humidifier.

- By disconnecting the 2 power supply fastons and the water intake pipe to the siphon, as well as unscrewing the two screws at the bottom, remove the single solenoid valve installed in the humidifier.



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



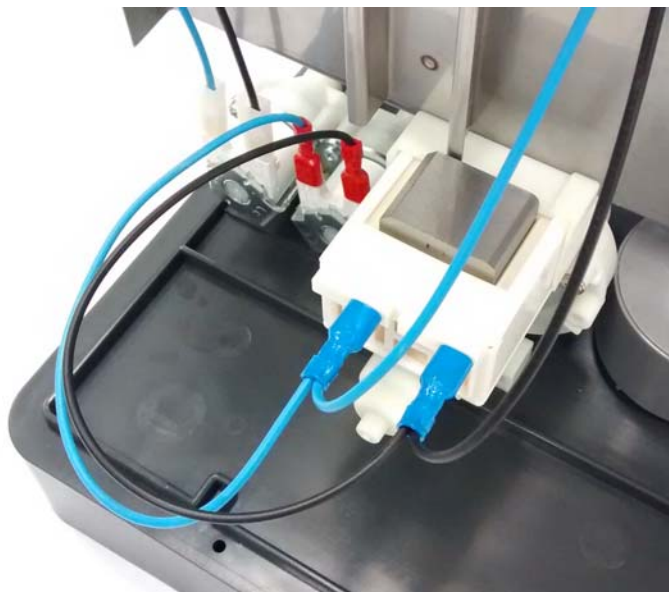
- Insert the previously disconnected water intake pipe into the valve free outlet.
- Secure the double valve where the single valve was installed by fixing it with the same screws.



- Insert the supplied clamp into the pipe end, positioning it to 90°.
- Insert the water cooling valve into one of the 2 free pipe carriers of the drain cooling flange.
- Tighten the clamp using pliers.
- The still free pipe carrier should not be plugged and can be used as a condensate drain pipe for any ventilation idler heads or distribution nozzles.



- Connect the 2 wires, which were connected to the single solenoid valve, to the coil of the humidifier water intake pipe.
- Remove the pump supply wires, cut the 2 faston wire connectors and connect the other coil parallelly to the drain pump using the 2 wires and 2 wire connectors supplied. Connect the fastons to the drain pump and the cooling solenoid valve.





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