

# DESCALER®

## DESCALER HE 15, 25, 50 INSTALLATION INSTRUCTIONS

### INSTALLATION

As the picture shows the installation of DESCALER HE is very simple and does not require any plumbing or fitting works. The installation consists of wrapping two field coils around the water-supply pipe, fixing the box onto the wall and connecting the coil and the box.

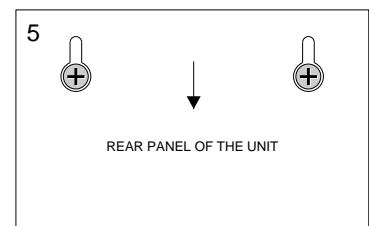
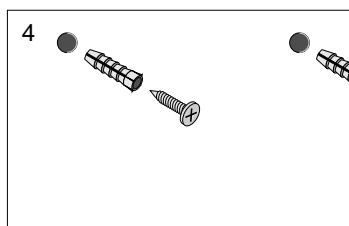
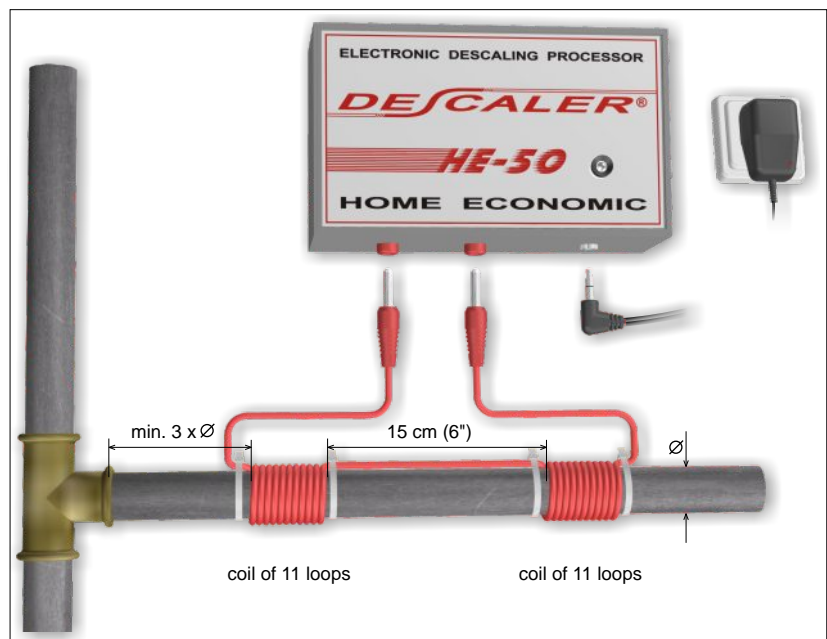
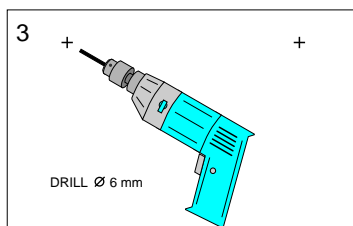
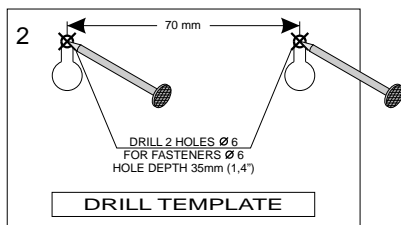
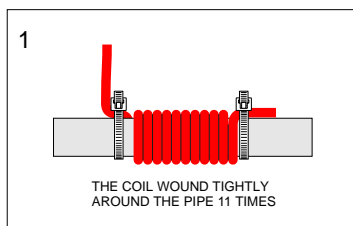
#### Installation of the coil:

Wrap the coils (11 turns each) around the horizontal or vertical pipe while the distance between the coils is 15 cm (6") and the distance between the ends of the coils and the

bends, valves, joints, etc. must be minimum three times the outer diameter of the pipe in order to avoid unwanted water turbulence in the place where the coils are wound. The direction of the winding of the coils is the same. Tightly fix the ends of the coil with plastic bands.

If practicable, the coil wire leads can be shortened to the lengths of 20 cm the following way:

Unscrew the plastic cover of the banana pin, loosen the worm and pull out the wire. Shorten the wire to the required length, remove the insulation at its end (about 7 mm), insert the wire back into the banana pin and tighten the worm.



#### Installation of the box:

Use the drilling jig and a sharp tipped object to mark holes not far from the coils. Then drill the holes of the diameter of 6 mm. Put wall plugs into the holes and drive in screws so that their heads jut out over the wall by about 5 mm. There are openings on the rear cover of the electronic unit; put the box on the wall the way that the screw heads get through the openings and slide the box downwards.

#### PUTTING INTO OPERATION

Plug the connectors into the outlets of the unit. The wire leads should not be too tight and they must not be entwined

together.

The unit is powered by 12 V= direct regulated current from the power adapter. Connect the power supply to the unit and plug the adapter into an electrical socket. The green LED (POWER) indicates the proper functioning.

The red LED (ERROR) is blinking after the coil circuit was interrupted, for example, after unplugging the connector or if there is no signal in the output connectors (failure).

It is necessary to place the adapter in the environment where there is no threat of spattering water. In case there is the possibility of spattering water, it is necessary to place the adapter into the case IP 54.