



HOW TO SET UP A HEATING SYSTEM PROPERLY in compliance with UNI CTI 8065/8364/8884 DPR59/2009 and BS7593

» For new systems

1) Cleaning: Before loading the system it is essential to perform a thorough wash until the water is perfectly clean, or even better, pickling, i.e. the removal of metal oxides and process residues (oils, burr, hemp residues, poor quality pastes etc.). It should be remembered that new does not mean clean!

OPERATION	PRODUCT/EQUIPMENT	RESULT
Washing	➔ POMPA DISIFLUX	circulator preserved
Pickling	➔ FERRONEX (non-acidic product)	surface oxides and impurities are dissolved

2) Protection: Protect the system against corrosion/freezing in accordance with the following table:

PRODUCT	RESULT	PRODUCTS ADDED AND CONTROLS
a) NO ADDED ANTIFREEZE ➔	System NOT PROTECTED against freezing or corrosion	FILMAX + Thermakil® Checks in accordance with STANDARD 8065/89
b) ATIGEL 20% - 25% ➔	System PROTECTED against freezing, but with limited protection against corrosion	FILMAX + Thermakil® ANTIRUST Checks in accordance with STANDARD 8065/89
c) ATIGEL > 30% ➔	System PROTECTED against freezing and corrosion	Checks in accordance with STANDARD 8065/89

» For existing systems

1) Cleaning: Old systems (even if only in part: e.g. new boiler, old pipework) have an even greater need for pickling, i.e. the cleaning of oxides and the removal of any sludge, therefore for this purpose we recommend the following treatments:

PROBLEM	PRODUCT
Sludge perhaps even mixed with algae	ANTINEX + Thermakil® / ANTINEX 7.0
Rust or loose (friable) black oxide	ZINCONEX / ZINCONEX-AI / ZINCONEX LQ + MAG-NEX HP PROFESSIONAL
Algae and bacteria (e.g. floor systems or expansion tanks/open circuits)	THERMAKIL® ANTIALGA PREVENTORE FILMAX + Thermakil®

2) Protection: Subsequent to treatment, protect systems against corrosion in accordance with cases a) or b) or c) above.