

# Freeze Protection Ltd.



LIQUID MAINTENANCE HEAT TRACING SOLUTIONS FOR

**Residential Commercial Industrial Agricultural**  
**APPLICATIONS**



[www.freezeprotection.ie](http://www.freezeprotection.ie)

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## WHO WE ARE

FREEZE PROTECTION are one of Ireland's leading trace heating and insulation specialists. We offer a full turnkey service including the design, supply and installation of trace heating, thermal insulation and system control requirements.

## DESIGN

FREEZE PROTECTION will design an optimum heating solution for your application and can provide detailed drawings and specifications for client approval.

## SUPPLY

FREEZE PROTECTION supply the widest range of heat tracing cable and have developed the only LOW VOLTAGE (48 Volts DC) in-pipe freeze protection solution that can be retrofitted inside shallow and hard to reach pipes.

## INSTALLATION

Our team of qualified electricians and installers have an excellent H&S record and always provide a reliable and quality service.

## MAINTENANCE

FREEZE PROTECTION can undertake maintenance contracts to both new and existing trace heating installations. Please contact a member of our team to discuss your requirements.



## WATER TREATMENT PLANTS

Freeze Protection Ltd is currently working in several counties around Ireland providing heat tracing and insulation products to water and waste water treatment plants. Freeze Protection Ltd provides the only **In-Pipe Low voltage** trace heating system that can be inserted inside the pipe for protection of buried pipes that are not accessible without excavation or cannot be accessed at all.



## SAFETY

We use a patent protected low voltage system that operated at 48V DC which is completely safe for human use and poses **NO risk of shock or hazard** to the operator of water treatment plants if cable is cut or damaged accidentally.

Freeze Protection Ltd is currently operating throughout Ireland for local Authorities, Uisce Eireann and private companies under Service level agreements.



## FREEZE PROTECTION LTD. USES A TRIPLE PROTECTION SYSTEM

1. Protection of pipework with Low Voltage thermostatically controlled trace heating that can protect pipework from inside or external to the pipe
2. We insulate the pipework with thermal insulation and protect it further with Aluminium Cladding external protection
3. Protection of pipes and Actuators with a reinforced bespoke fibre-Glass housing unit that is insulated using kingspan thermal insulation



## SAFETY SHOWER & EYE WASH FREEZE PROTECTION DOWN TO -20C

Protects all pipework including the water supply pipe under-ground by the insertion of a low voltage heat cable inside the pipe.



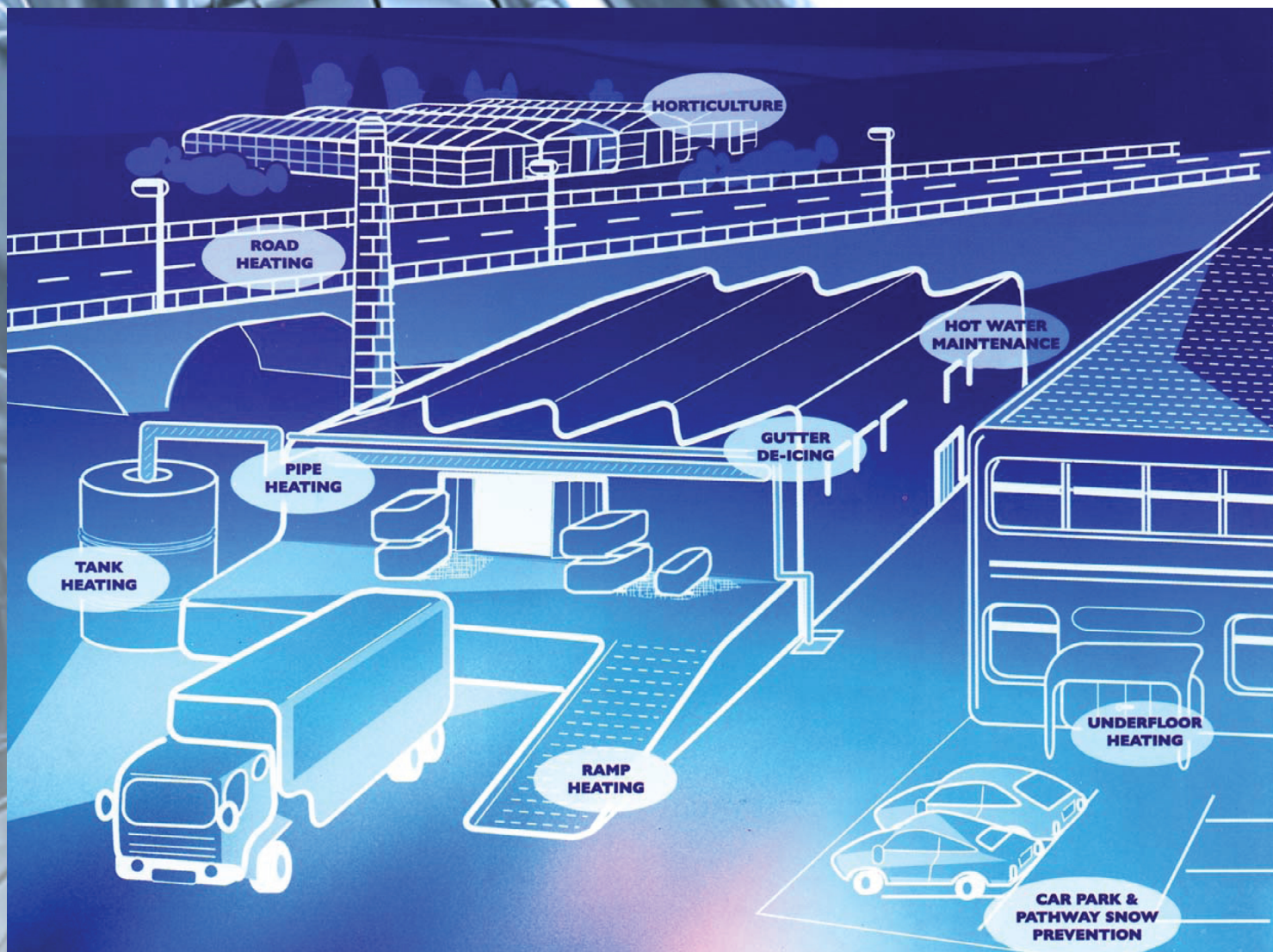
Before



After

- (48v) DC Low Voltage System
- Led Display.
- Thermostatically Controlled.
- Protects all pipework including underground supply pipe.
- Fully insulated with protective waterproof PIB outer shell.





## Other Applications

**Cold room Doors**  
**Refrigeration and Air conditioning units**  
**Heat pumps**  
**Cold Water Supply**  
**Hydrants and Sprinkler Systems**  
**Electric Motors**  
**Liquid Maintenance**  
**Horticulture**

**Wheel Chair Ramps**  
**Footpaths**  
**Carpark Ramps**  
**Pump station Equipment**  
**Lake/Reservoir Water Supply**  
**Drinking Troughs**



**Freeze Protection Ltd.**  
**Cong**  
**Co. Mayo**



**353 (0)94 9545555**



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## FREEZEPROTECTION

EXPERTS IN THE DESIGN AND SUPPLY OF HEAT TRACING  
THERMAL INSULATION  
AND LEAK DETECTION SYSTEMS

Safety shower & eye wash freeze protection down to -20C



- (48v) DC Low Voltage System
- Led Display
- Thermostatically controlled
- Protects all pipework including underground supply pipe.
- Fully insulated with protective waterproof PIB outer shell.

### SAFETY

We use a patent protected low voltage system that operated at 48V DC which is completely safe for human use and poses NO risk of shock or hazard to the operator of water treatment plants if cable is cut or damaged accidentally.

For more info please contact :

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